

II. Gifts, Grants, Contracts, and Memoranda of Agreement

Calendar Year: 2014
Month: Jan

Award Count: 90
Award Total: \$15,507,884

Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
\$3,950,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	CLIMATE CHANGE, MITIGATION, AND ADAPTATION IN CORN BASED CROPPING SYSTEMS	MORTON, LOIS WRIGHT	AG EXPERIMENT STATION	SOCIOLOGY	007554-00001	Research	3/1/2011	2/28/2015	JAN. 2014	4164063
\$1,104,690	DOD-AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR)	A CO-DESIGN APPROACH FOR ADVANCES IN SOFTWARE AND HARDWARE	GORDON, MARK STEPHEN	COLLEGE OF LIBERAL ARTS & SCIENCES	CHEMISTRY	005140-00001	Research	9/30/2012	11/30/2015	JAN. 2014	4212103
\$955,038	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	TRANSGENIC APPROACHES IN MANAGING SUDDEN DEATH SYNDROME IN SOYBEAN	BHATTACHARYYA, MADAN KUMA	AG EXPERIMENT STATION	AGRONOMY	007144-00001	Research	1/1/2013	12/31/2014	JAN. 2014	4164096
\$599,337	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	GENETICALLY IMPROVING RESISTANCE OF PIGS TO PRRS VIRUS INFECTION	DEKKERS, JACK C	AG EXPERIMENT STATION	ANIMAL SCIENCE	006087-00001	Research	1/1/2013	12/31/2014	JAN. 2014	4164121
\$528,570	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	WATER AND NUTRIENT RESEARCH: IN-FIELD AND OFFSITE STRATEGIES	HELMERS, MATTHEW JUSTIN	UNIVERSITY & COOPERATIVE EXTENSION	AG & BIOSYSTEMS ENGINEERING	007991-00001	Research	1/1/2007	12/31/2014	JAN. 2014	4713015
\$500,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	EVALUATION OF WEED MANAGEMENT SYSTEMS AND AGROECOSYSTEM HEALTH USING MULTIPLE PERFORMANCE CRITERIA	LIEBMAN, MATTHEW Z	AG EXPERIMENT STATION	AGRONOMY	011497-00001	Research	1/1/2014	12/31/2016	JAN. 2014	4164025
\$490,271	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	RICE PLANT-MICROBE INTERACTIONS: INVESTIGATING THE ROLE OF DITERPENOID NATURAL PRODUCTS	PETERS, REUBEN J	COLLEGE OF LIBERAL ARTS & SCIENCES	BIOCHEMISTRY & BIOPHYSICS	011606-00001	Research	1/1/2014	12/31/2017	JAN. 2014	4162110

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\$435,000	IOWA DEPARTMENT OF TRANSPORTATION	IOWA LOCAL TECHNICAL ASSISTANCE PROGRAM 2014	KNAPP, KEITH K	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	011623-00001	Research	1/1/2014	12/31/2014	JAN. 2014	4747850
\$409,296	UNIVERSITY OF TEXAS EL PASO	THE INFLUENCE PRIMING AND EMBODIED COGNITION MANIPULATIONS IN INTELLIGENCE INTERVIEWING	MEISSNER, CHRISTIAN AUGUS	COLLEGE OF LIBERAL ARTS & SCIENCES	PSYCHOLOGY	011256-00001	Research	9/24/2013	9/23/2014	JAN. 2014	4042136
\$316,872	IOWA DEPARTMENT OF NATURAL RESOURCES	LEOPOLD CENTER SUPPORT	RASMUSSEN, MARK AXEL	AG EXPERIMENT STATION	LEOPOLD CENTER	008049-00001	Research	5/1/1988	6/30/2016	JAN. 2014	4734201
\$298,517	DOE-U.S. DEPARTMENT OF ENERGY	ADVANCED HIGH TEMPERATURE INSPECTION CAPABILITIES FOR SMALL MODULAR REACTORS	BOND, LEONARD J	INSTITUTE FOR PHYSICAL RESEARCH & TECH	CENTER FOR NON-DESTRUCT EVALUATION	011609-00001	Research	12/10/2013	12/9/2014	JAN. 2014	4012505
\$278,327	DOE-U.S. DEPARTMENT OF ENERGY	IN-PILE THERMAL CONDUCTIVITY CHARACTERIZATION WITH TIME RESOLVED RAMAN	WANG, XINWEI	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	011610-00001	Research	12/11/2013	12/10/2014	JAN. 2014	4012011
\$276,143	DOD-AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR)	ACQUISITION OF AN ADVANCED INSTRUMENT FOR RHEOLOGICAL AND DIELECTRIC CHARACTERIZATION OF POLYMER COMPOSITES	CONSTANT, KRISTEN P	COLLEGE OF ENGINEERING	MATERIALS SCIENCE & ENGINEERING	011638-00001	Research	9/30/2013	9/29/2014	JAN. 2014	4212057
\$267,097	IOWA DEPARTMENT OF TRANSPORTATION	IOWA TRAFFIC SAFETY DATA SERVICE (ITSDS) CRASH PROFILES INTERSECTION DATABASE TRAFFIC SAFETY WEB PORTAL CRASH FACTS	HANS, ZACHARY N	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	011625-00001	Research	12/1/2013	12/31/2014	JAN. 2014	4741735

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\$265,366	COLORADO STATE UNIVERSITY	FEED THE FUTURE INNOVATION LAB FOR COLLABORATIVE RESEARCH ON ADAPTING LIVESTOCK SYSTEMS TO CLIMATE CHANGE	PLUMMER, PAUL J	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	011657-00001	Research	1/1/2014	4/15/2015	JAN. 2014	4042305
\$241,205	IOWA DEPARTMENT OF TRANSPORTATION	IMPLEMENTATION MANUAL FOR 3D ENGINEERED MODELS FOR CONSTRUCTION	CAKLER, ELLS THOMAS	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	011669-00001	Research	1/1/2014	12/31/2014	JAN. 2014	4741736
\$219,712	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	ADVANCED 3D RUNBACK MODELS FOR SURFACE WATER TRANSPORT	HU, HUI	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	004499-00001	Research	1/1/2012	12/31/2014	JAN. 2014	4222002
\$214,913	IOWA DEPARTMENT OF TRANSPORTATION	BOONE COUNTY EXPO RESEARCH PHASE 1- GRANULAR ROAD COMPACTION AND STABILIZATION	WHITE, DAVID J	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	011667-00001	Research	1/9/2014	12/31/2016	JAN. 2014	4747902
\$214,333	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	JAN. 2014	4201806
\$206,100	NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	DIRECTED EVOLUTION OF METAL SUBSTITUTE CARBONIC ANHYDRASES FOR CATALYSIS	STANLEY, LEVI MICHAEL	COLLEGE OF LIBERAL ARTS & SCIENCES	CHEMISTRY	005557-00001	Research	2/15/2012	12/31/2014	JAN. 2014	4302113
\$200,000	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	HIGH OLEIC SOYBEAN BREEDING	FEHR, WALTER R	AG EXPERIMENT STATION	AGRONOMY	011014-00001	Research	10/1/2013	8/31/2014	JAN. 2014	4194003
\$185,800	IOWA DEPARTMENT OF TRANSPORTATION	TECHNOLOGY TRANSFER CONCRETE CONSORTIUM	CAKLER, ELLS THOMAS	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	006973-00001	Public Service	1/1/2008	12/31/2014	JAN. 2014	4741794
\$170,000	DOE-U.S. DEPARTMENT OF	STRUCTURE/FUNCTION OF THE NOVEL	SPALDING, MARTIN H II	COLLEGE OF LIBERAL ARTS	GENETICS DEVELOPMENT &	005060-00001	Research	8/15/2012	8/14/2014	JAN. 2014	4012117

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	ENERGY	PROTEINS LCIB AND LCIC IN THE CHLAMYDOMONAS CCM		& SCIENCES	CELL BIOLOGY						
\$152,684	IOWA DEPARTMENT OF TRANSPORTATION	INCIDENT LOCATION TOOL SUPPORT FOR TRACS STATES	GIESEMAN, DANIEL J	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	006600-00001	Research	1/11/2012	12/31/2014	JAN. 2014	4747725
\$150,173	IOWA DEPARTMENT OF TRANSPORTATION	VALIDATION OF GYRATORY MIX DESIGN IN IOWA	WILLIAMS, R CHRISTOPHER	VP FOR RESEARCH	VP FOR RESEARCH	011666-00001	Research	1/7/2014	6/30/2015	JAN. 2014	4747905
\$147,313	ARGO GENESIS CHEMICALS LLC	BIOPOLYMER DEVELOPMENT PLAN	COCHRAN, ERIC W	COLLEGE OF ENGINEERING	CHEMICAL & BIOLOGICAL ENGR	011634-00001	Research	11/1/2013	5/31/2014	JAN. 2014	4006085
\$133,981	IOWA DEPARTMENT OF NATURAL RESOURCES	WATER ROCKS! YOUTH WATER EDUCATION PROGRAM-PHASE II	COMITO, JACQUELINE M	UNIVERSITY & COOPERATIVE EXTENSION	AG & BIOSYSTEMS ENGINEERING	011601-00001	Public Service	1/1/2014	5/15/2015	JAN. 2014	4733026
\$120,000	NSF-NATIONAL SCIENCE FOUNDATION	ULTRAFAST MAGNETISM IN COMPLEX MATERIALS: COHERENT AND COOPERATIVE PHENOMENA	WANG, JIGANG	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	005464-00001	Research	2/1/2011	1/31/2016	JAN. 2014	4202180
\$117,163	UNIVERSITY OF MICHIGAN	ROLE OF METHANOTROPHS IN METAL MOBILIZATION, METAL IMMOBILIZATION AND MINERAL WEATHERING: EFFECTS ON IN SITU MICROBIAL COMMUNITY STRUCTURE AND THE SUSTAINABILITY OF SUBSURFACE WATER SYSTEMS	DISPIRITO, ALAN ANGELO	AG EXPERIMENT STATION	BIOCHEMISTRY & BIOPHYSICS	005488-00001	Research	9/1/2011	11/30/2014	JAN. 2014	4044022
\$109,646	ARCHER DANIELS MIDLAND COMPANY	INVESTIGATION OF ISOSORBIDE CRUDES AND INTERMEDIATES AS A BIO-BASED	WILLIAMS, R CHRISTOPHER	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	011663-00001	Research	11/15/2013	11/14/2014	JAN. 2014	4006086

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		WARM-MIX ADDITIVE: PHASE 2									
\$105,368	SOLAZYME INC	DETERMINING THE FEED VALUE OF ALGAE BY-PRODUCT FOR CATTLE	HANSEN, STEPHANIE L	AG EXPERIMENT STATION	ANIMAL SCIENCE	010991-00001	Research	9/1/2013	8/31/2016	JAN. 2014	4004004
\$98,075	UNIVERSITY OF NEBRASKA LINCOLN	SHF: SMALL: SOLVING THE SEARCH FOR RELEVANT CODE IN LARGE REPOSITORIES WITH LIGHTWEIGHT SPECIFICATIONS	STOLEE, KATHRYN	COLLEGE OF LIBERAL ARTS & SCIENCES	COMPUTER SCIENCE	011648-00001	Research	1/1/2014	7/31/2015	JAN. 2014	4042108
\$97,744	UNIVERSITY OF ALABAMA BIRMINGHAM	FACTORS AFFECTING PREDICTION ACCURACY OF COMPLEX HUMAN TRAITS & DISEASES	FERNANDO, ROHAN L	AG EXPERIMENT STATION	ANIMAL SCIENCE	006573-00001	Research	9/1/2012	6/30/2014	JAN. 2014	4044023
\$92,602	IOWA DEPARTMENT OF TRANSPORTATION	ENHANCING I-WALK: IOWA PARTICIPATORY EVALUATION AND DOCUMENTATION OF SIDEWALKS	SEEGER, CHRISTOPHER J	UNIVERSITY & COOPERATIVE EXTENSION	LANDSCAPE ARCHITECTURE	011670-00001	Research	1/23/2013	9/30/2015	JAN. 2014	4743001
\$92,150	IOWA DEPARTMENT OF TRANSPORTATION	AUTONOMOUS SENSING SKIN FOR DETECTION AND LOCALIZATION OF FATIGUE CRACKS	LAFLAMME, SIMON	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	011668-00001	Research	1/9/2014	12/31/2015	JAN. 2014	4747903
\$78,000	AMERICAN EGG BOARD	THE EGG INDUSTRY CENTER ECONOMIC ANALYSIS AND NEWSLETTER SERVICES	XIN, HONGWEI	AG EXPERIMENT STATION	EGG INDUSTRY CENTER	005673-00001	Research	3/4/2013	12/31/2014	JAN. 2014	4594028
\$77,751	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: MULTI- FREQUENCY MULTI- OUTPUT SWITCHING POWER CONVERTERS FOR DYNAMIC ENERGY DISTRIBUTION IN HIGHLY INTEGRATED SYSTEMS	FAYED, AYMAN ADEL	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	006650-00001	Research	2/15/2013	1/31/2018	JAN. 2014	4206235

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\$70,000	BINATIONAL AGRICULTURAL RESEARCH & DEVELOPMENT FUND	ENVIRONMENTAL FATE OF ENDOCRINE-DISRUPTING CHEMICALS: ASSOCIATION WITH BIOSOLIDS-DERIVED DISSOLVED ORGANIC MATTER	THOMPSON, MICHAEL L	AG EXPERIMENT STATION	AGRONOMY	011678-00001	Research	12/31/2013	12/30/2016	JAN. 2014	4004052
\$67,630	UNIVERSITY OF GEORGIA	DISCOVERY OF NOVEL NEMATODE RESISTANCE GENES AND DEVELOPMENT OF PRODUCTIVE SOYBEANS WITH MULTIPLE-NEMATODE RESISTANCE	CIANZIO, SILVIA R	AG EXPERIMENT STATION	AGRONOMY	011627-00001	Research	10/1/2013	9/30/2014	JAN. 2014	4004046
\$66,268	NSF-NATIONAL SCIENCE FOUNDATION	SIGNIFICANCE OF NEWLY DISCOVERED SUBDUCTION COMPLEX, INCLUDING PARTIALLY SERPENTINIZED MANTLE PERIDOTITE, SOUTHWEST ARIZONA	JACOBSON, CARL ERNEST	COLLEGE OF LIBERAL ARTS & SCIENCES	GEOLOGICAL & ATMOSPHERIC SCIENCES	011621-00001	Research	1/15/2014	12/31/2015	JAN. 2014	4202109
\$62,749	NSF-NATIONAL SCIENCE FOUNDATION	I/UCRC: CENTER FOR E-DESIGN	TERPENNY, JANIS PINCHEFSK	COLLEGE OF ENGINEERING	INDUSTRIAL & MANUFACTURING SYSTEMS ENGR	007183-00001	Research	9/1/2012	8/31/2017	JAN. 2014	4206225
\$60,832	OHIO STATE UNIVERSITY	GENES AND MARKERS FOR RESISTANCE TO PHYTOPHTHORA SOJAE, PYTHIUM SPP., AND FUSARIUM GRAMINEARUM IN SOYBEAN	ROBERTSON, ALISON E	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	011612-00001	Public Service	1/1/2014	12/31/2014	JAN. 2014	4003331
\$59,087	LEIDOS INC	ROADWAY DATA IMPROVEMENT PROGRAM	SMADI, OMAR G	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	006720-00001	Research	1/3/2013	11/30/2014	JAN. 2014	4041730
\$58,837	EUROPEAN FOOD SAFETY	SCIENTIFIC SERVICES TO SUPPORT EFSA	O'CONNOR, ANNETTE M	COLLEGE OF VETERINARY	VET DIAGNOSTIC & PRODUCTION ANIMAL	011690-00001	Research	12/17/2013	3/16/2014	JAN. 2014	4002331

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	AUTHORITY	SYSTEMATIC REVIEWS (LOT 7- ANIMAL HEALTH AND WELFARE)		MEDICINE	MED						
\$53,391	MORRIS ANIMAL FOUNDATION	IDENTIFICATION OF SAFE AND EFFECTIVE TREATMENTS FOR REFRACTORY MENINGEAL WORMS	CARLSON, STEVEN A	COLLEGE OF VETERINARY MEDICINE	BIOMEDICAL SCIENCES	011603-00001	Research	1/1/2014	12/31/2014	JAN. 2014	4002326
\$50,517	DOD-U.S. DEPARTMENT OF DEFENSE	ENHANCING THE EFFICACY OF PYRETHROID INSECTICIDES AGAINST MOSQUITOES USING PLANT ESSENTIAL OILS AND INDIVIDUAL TERPENOID	COATS, JOEL	AG EXPERIMENT STATION	ENTOMOLOGY	006580-00001	Research	4/1/2012	3/30/2015	JAN. 2014	4214004
\$50,000	KEIFNER & ASSOCIATES	ADVANCED NONDESTRUCTIVE CHARACTERIZATION OF PIPELINE MATERIALS-COST SHARE	BOND, LEONARD J	INSTITUTE FOR PHYSICAL RESEARCH & TECH	CENTER FOR NON-DESTRUCT EVALUATION	011653-00001	Research	10/1/2013	12/31/2015	JAN. 2014	4002544
\$50,000	LESAFFRE YEAST CORPORATION	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP	SHANKS, BRENT H	COLLEGE OF ENGINEERING	CTR FOR BIORENEWABLE CHEMICALS	011692-00001	Research	2/1/2014	1/31/2015	JAN. 2014	
\$50,000	TORAY INDUSTRIES INC	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP	SHANKS, BRENT H	COLLEGE OF ENGINEERING	CTR FOR BIORENEWABLE CHEMICALS	011694-00001	Research	3/1/2014	2/28/2015	JAN. 2014	
\$47,000	UNIVERSAL TECHNOLOGY CORPORATION	DEVELOPMENT OF A UNIFIED PHYSICS-BASED MODEL OF THE CRACK HEATING MECHANISM IN VIBROTHERMOGRAPHY NONDESTRUCTIVE EVALUATION OF TURBINE ENGINE DISKS	HOLLAND, STEPHEN D	INSTITUTE FOR PHYSICAL RESEARCH & TECH	CENTER FOR NON-DESTRUCT EVALUATION	007208-00001	Research	11/20/2012	5/27/2015	JAN. 2014	4042506

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		(VIBROTHERMOGRAPHY MODELING OF ENGINE DISKS)									
\$44,842	IOWA DEPARTMENT OF TRANSPORTATION	SMART WORK ZONE DEPLOYMENT INITIATIVE (SWZDI) FOR 2014	KNAPP, KEITH K	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	011608-00001	Research	1/1/2014	12/31/2014	JAN. 2014	4741730
\$40,000	FRENCH AMERICAN CULTURAL EXCHANGE (FACE)	ECOLOGICAL GENOMICS AND EPIGENOMICS OF POLYPLOIDY	WENDEL, JONATHAN F	COLLEGE OF LIBERAL ARTS & SCIENCES	ECOLOGY, EVOLUTION & ORG BIOLOGY	011671-00001	Research	9/1/2013	8/31/2014	JAN. 2014	4002114
\$38,000	DUPONT	PROTOCOL US 312/13/01: USA-13-312 EVALUATE FUNGICIDE SEED TREATMENTS FOR FUSARIUM SEEDLING DISEASE AND SDS (FUSARIUM VIRGULIFORME) CONTROL IN SOYBEANS	MUNKVOLD, GARY PHILLIP	AG EXPERIMENT STATION	SEED SCIENCE CENTER	011695-00001	Research	1/1/2014	12/31/2014	JAN. 2014	
\$37,034	IOWA SOYBEAN ASSOCIATION	DETERMINE THE HERITABILITY OF HPPD RESISTANCE IN COMMON WATERHEMP AND THE POTENTIAL FOR HYBRIDIZATION OF COMMON WATERHEMP AND PALMER AMARANTH	OWEN, MICHEAL D	UNIVERSITY & COOPERATIVE EXTENSION	AGRONOMY	011676-00001	Research	2/1/2014	9/30/2014	JAN. 2014	4503025
\$35,000	KNOLLS ATOMIC POWER LABORATORY	CENTER FOR NDE MEMBERSHIP	BOND, LEONARD J	INSTITUTE FOR PHYSICAL RESEARCH & TECH	CENTER FOR NON-DESTRUCT EVALUATION	011681-00001	Research	1/1/2014	12/31/2014	JAN. 2014	
\$35,000	IHI CORPORATION	CENTER FOR NDE MEMBERSHIP	BOND, LEONARD J	INSTITUTE FOR PHYSICAL RESEARCH & TECH	CENTER FOR NON-DESTRUCT EVALUATION	011682-00001	Research	11/1/2013	10/31/2014	JAN. 2014	

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\$35,000	BOEING COMPANY	CENTER FOR NDE MEMBERSHIP	BOND, LEONARD J	INSTITUTE FOR PHYSICAL RESEARCH & TECH	CENTER FOR NON-DESTRUCT EVALUATION	011683-00001	Research	10/1/2012	9/30/2013	JAN. 2014	
\$34,218	PURDUE UNIVERSITY	SCULPTING ELECTRIC MACHINES	SONG, JIMING	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	011604-00001	Research	8/31/2013	7/31/2014	JAN. 2014	4046030
\$33,400	DUPONT	NON-CONFIDENTIAL FIELD TRIALS	ROBERTSON, ALISON E	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	011611-00001	Research	11/1/2013	10/31/2014	JAN. 2014	
\$32,367	DOD-OFFICE OF NAVAL RESEARCH (ONR)	TOWARDS SECURE AND PRIVACY-PRESERVING DEPLOYMENT AND ACCESS OF LARGE TACTICAL SENSOR NETWORKS	ZHANG, WENSHENG	COLLEGE OF LIBERAL ARTS & SCIENCES	COMPUTER SCIENCE	004918-00001	Research	6/1/2009	6/1/2014	JAN. 2014	4212124
\$31,441	LEIDOS INC	INNOVATOR TOPR-13009 (CONTRACT DTFH61-12-D-00017)	SMADI, OMAR G	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	011602-00001	Research	10/1/2013	9/19/2018	JAN. 2014	4041724
\$31,387	IOWA DEPARTMENT OF TRANSPORTATION	INTRANS/IOWA DOT QUARTERLY REPORTING SYSTEM	HALLMARK, SHAUNA L	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	011615-00001	Research	12/1/2013	5/31/2014	JAN. 2014	4741732
\$29,740	ED-U.S. DEPARTMENT OF EDUCATION	PELL GRANT, FY14	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT AFFAIRS	STUDENT FINANCIAL AID	010617-00001	Student Financial Aid	7/1/2012	6/30/2014	JAN. 2014	4325743
\$27,039	MICHIGAN STATE UNIVERSITY	COMMUNITY ASSESSMENT & EDUCATION TO PROMOTE BEHAVIORAL HEALTH PLANNING & EVALUATION (CAPE)	SEEGER, CHRISTOPHER J	UNIVERSITY & COOPERATIVE EXTENSION	COMMUNITIES-EXTENSION	011635-00001	Research	11/15/2013	8/31/2014	JAN. 2014	4103018
\$25,800	FMC CORPORATION	EVALUATE THE PROTECTION PROVIDED BY	NAVI, SHRISHAIL SHARANAPP	AG EXPERIMENT STATION	PLANT PATHOLOGY	011646-00001	Research	5/1/2013	12/1/2014	JAN. 2014	4004051

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\$25,000	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	CONCRETE BRICK PREPARATION AND CONCRETE AND LUNAR AND/OR MARTIAN REGOLITH SIMULANT BRICK TESTING	ALLEMAN, JAMES EDWARD	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	005667-00001	Research	1/29/2013	9/30/2014	JAN. 2014	4222010
\$25,000	IOWA DEPARTMENT OF TRANSPORTATION	PLANNING, DEVELOPING, AND IMPLEMENTATION OF THE IOWA PAVEMENT MARKING MANAGEMENT PROGRAM	HAWKINS, NEAL R	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	007055-00001	Research	4/1/2005	12/31/2014	JAN. 2014	4747799
\$25,000	ITC MIDWEST	EPRC SUPPORT	CHRISTY, COLIN	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	007057-00001	Instruction	4/1/2008	12/31/2014	JAN. 2014	4006012
\$25,000	XM COMPANIA DE EXPERTOS	EPRC SUPPORT	CHRISTY, COLIN	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	008026-00001	Research	1/1/2009	12/31/2014	JAN. 2014	4006014
\$25,000	INTERNATIONAL FLAVORS & FRAGRANCES INC	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP	SHANKS, BRENT H	COLLEGE OF ENGINEERING	CTR FOR BIORENEWABLE CHEMICALS	011693-00001	Research	2/9/2014	2/8/2015	JAN. 2014	
\$22,680	IOWA DEPARTMENT OF NATURAL RESOURCES	GENETIC STRUCTURE OF THE IOWA PLEISTOCENE SNAIL (DISCUS MACCKLINTOCKI)	ROE, KEVIN J	AG EXPERIMENT STATION	NATURAL RESOURCE ECOLOGY & MGMT	008272-00001	Research	9/30/2012	9/15/2016	JAN. 2014	4734228
\$20,987	PARSONS BRINCKERHOFF INC	ALTERNATIVE CONTRACTING PROGRAM	SHANE, JENNIFER	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	011628-00001	Research	1/10/2014	3/1/2014	JAN. 2014	4001730
\$20,000	APPANOOSE ECONOMIC	COMMUNITY DESIGN LAB-CENTERVILLE	ROGERS, CARL A	UNIVERSITY &	LANDSCAPE ARCHITECTURE	011626-00001	Public Service	12/1/2013	12/31/2014	JAN. 2014	4003010

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	DEVELOPMENT CORPORATION			COOPERATIVE EXTENSION							
\$18,000	IOWA DEPARTMENT OF TRANSPORTATION	STATIC LOAD TEST OF A STEEL PILE AT A SAND SITE FOR ADOPTING A HIGHER RESISTANCE FACTOR	SRITHARAN, SIVALINGAM	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	011607-00001	Research	12/15/2013	3/31/2014	JAN. 2014	4741729
\$17,923	NEVADA DEPARTMENT OF WILDLIFE	RESPIRATORY PATHOGENS AND KID SURVIVAL IN MOUNTAIN GOATS AFTER A PNEUMONIA DIE-OFF IN BIGHORN SHEEP	BLANCHONG, JULIE ANNE	AG EXPERIMENT STATION	NATURAL RESOURCE ECOLOGY & MGMT	011575-00001	Research	1/1/2014	6/30/2014	JAN. 2014	4004045
\$16,500	HHS-FOOD & DRUG ADMINISTRATION (FDA)	ISU-VET-LRN COOPERATIVE AGREEMENT PROPOSAL (U18)	RUMBEIHA, WILSON K	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	007721-00001	Research	9/1/2012	8/31/2014	JAN. 2014	4302302
\$16,000	IOWA DEPARTMENT OF NATURAL RESOURCES	FORESTRY STEWARDSHIP PROGRAMS FOR 2014	RANDALL, JESSE ALLEN	UNIVERSITY & COOPERATIVE EXTENSION	NATURAL RESOURCE ECOLOGY & MGMT	011616-00001	Public Service	1/1/2014	1/1/2015	JAN. 2014	4733012
\$15,000	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	ADDITIONAL FUNDING FOR 3RD EDITION OF M. BOVIS INFECTION IN ANIMALS AND HUMANS	THOEN, CHARLES O	COLLEGE OF VETERINARY MEDICINE	VETERINARY MICROBIOLOGY & PREV MEDICINE	011229-00001	Public Service	9/27/2013	9/26/2014	JAN. 2014	4120509
\$15,000	BASF CORPORATION	TEST BASF PRODUCTS ON SOYBEAN/CORN PATHOGENS (IN VITRO/FIELD)	YANG, XIAO-BING	AG EXPERIMENT STATION	PLANT PATHOLOGY	011637-00001	Research	1/15/2014	12/31/2014	JAN. 2014	
\$15,000	X-WAVE INNOVATIONS INC	DESIGN LINEAR-ARRAY RF SENSOR AND REFINE RF CHARACTERIZATION METHOD	BOWLER, NICOLA	INSTITUTE FOR PHYSICAL RESEARCH & TECH	CENTER FOR NON-DESTRUCT EVALUATION	011689-00001	Research	12/6/2013	5/15/2014	JAN. 2014	4042501
\$12,847	DOD-OFFICE OF NAVAL RESEARCH	FUNCTIONAL PROTEIN STRUCTURES IN	WANG, XINWEI	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	006080-00001	Research	4/1/2012	3/31/2015	JAN. 2014	4212047

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	(ONR)	SPIDER SILK FOR ULTRA-HIGH AND THERMAL CONDUCTIVITY AND EXCEPTIONAL THERMAL TUNABILITY									
\$10,949	GRAYSON-JOCKEY CLUB RESEARCH FOUNDATION INC	MOTOR EVOKED RESPONSES IN EQUINE CERVICAL MYELOPATHY	ALCOTT, CODY J	COLLEGE OF VETERINARY MEDICINE	VET CLINICAL SCIENCES	006669-00001	Research	3/1/2013	3/1/2014	JAN. 2014	4006320
\$8,970	NATIONAL PORK BOARD	FEED TRANSMISSION OF PEDV TO NEONATAL PIGLETS	PILLATZKI, ANGELA E	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	011605-00001	Research	12/15/2013	12/14/2014	JAN. 2014	4532343
\$6,500	HEADS UP PLANT PROTECTANTS INC	TEST HEADSUP PRODUCT TO CONTROL SOYBEAN AND CORN DISEASES	NAVI, SHRISHAIL SHARANAPP	AG EXPERIMENT STATION	PLANT PATHOLOGY	011645-00001	Research	5/1/2013	12/31/2014	JAN. 2014	4004049
\$5,000	PRINCIPAL FINANCIAL GROUP INC	NSF/I/UCRC CENTER FOR INFORMATION PROTECTION/S2ERC - PRINCIPAL FINANCIAL	DANIELS, THOMAS EARL	INSTITUTE FOR PHYSICAL RESEARCH & TECH	INFORMATION ASSURANCE CENTER	011658-00001	Research	1/1/2014	12/31/2014	JAN. 2014	
\$3,712	ED-U.S. DEPARTMENT OF EDUCATION	TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION (TEACH) GRANT, FY14	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT AFFAIRS	STUDENT FINANCIAL AID	010614-00001	Scholarships & Fellowships	7/1/2013	6/30/2014	JAN. 2014	4325742
\$1,000	SUSTEREA LLC	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP	SHANKS, BRENT H	COLLEGE OF ENGINEERING	CTR FOR BIORENEWABLE CHEMICALS	011691-00001	Research	2/10/2014	2/9/2015	JAN. 2014	
\$500	THE GREATER DES MOINES PARTNERSHIP	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP	SHANKS, BRENT H	COLLEGE OF ENGINEERING	CTR FOR BIORENEWABLE CHEMICALS	011675-00001	Research	12/20/2013	12/19/2014	JAN. 2014	
\$500	LIFESCIENCE ALLEY	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP	SHANKS, BRENT H	COLLEGE OF ENGINEERING	CTR FOR BIORENEWABLE CHEMICALS	011686-00001	Research	3/22/2014	3/21/2015	JAN. 2014	

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\$0	NATIONAL CORN GROWERS ASSOCIATION	DEVELOPMENT OF FUNCTIONAL GENOMICS SOFTWARE TOOLS (FGSTS) FOR MAIZEGDB	VOLLBRECHT, ERIK WARREN	AG EXPERIMENT STATION	GENETICS DEVELOPMENT & CELL BIOLOGY	006703-00001	Research	7/1/2013	9/30/2014	JAN. 2014	4594029