

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

Calendar Year: 2014  
Month: Jul

Award Count: 115  
Award Total: \$60,316,568

Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
\$26,405,631	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 2014	4012501
\$7,173,438	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	COOPERATIVE EXTENSION PROGRAMS AT 1862 LAND-GRANT INSTITUTIONS-IOWA	KRESS, CATHANN A	UNIVERSITY & COOPERATIVE EXTENSION	VP EXTENSION & OUTREACH	012382-00001	Public Service	10/1/2013	9/30/2018	JULY 2014	
\$4,000,000	NSF-NATIONAL SCIENCE FOUNDATION	IOWA EPSCOR: HARNESSING ENERGY FLOWS IN THE BIOSPHERE TO BUILD SUSTAINABLE ENERGY SYSTEMS	HEINDEL, THEODORE JOHN	VP FOR RESEARCH	BIOECONOMY INSTITUTE	007560-00001	Research	9/1/2011	8/31/2016	JULY 2014	4201708
\$1,859,206	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	007532-00001	Public Service	7/1/2010	6/30/2015	JULY 2014	4263520
\$1,793,783	IOWA DEPARTMENT OF HUMAN SERVICES	SERVICES TRAINING FOSU-15-001	HONG, GONG-SOOG	COLLEGE OF HUMAN SCIENCES	HUMAN DEVELOPMENT & FAMILY STUDIES	012294-00001	Public Service	7/1/2014	6/30/2015	JULY 2014	4702803
\$1,427,004	NSF-NATIONAL SCIENCE FOUNDATION	GEPR: NATURAL VARIATION AND DROUGHT RESPONSES IN DEVELOPING MAIZE INFLORESCENCES	VOLLBRECHT, ERIK WARREN	AG EXPERIMENT STATION	GENETICS DEVELOPMENT & CELL BIOLOGY	005578-00001	Research	3/1/2013	2/28/2018	JULY 2014	4204045
\$1,164,345	ARGO GENESIS CHEMICALS LLC	DEMONSTRATION SCALE PRODUCTION OF BIOBASED THERMOPLASTIC ELASTOMERS	COCHRAN, ERIC W	COLLEGE OF ENGINEERING	CHEMICAL & BIOLOGICAL ENGR	012349-00001	Research	5/1/2014	6/30/2015	JULY 2014	4006097
\$1,050,000	IOWA BOARD OF REGENTS	FY15 REGENTS INNOVATION FUND APPROPRIATION	DAHL, LISA LORENZEN	PRESIDENT	OFFICE OF INTELLCT PROP & TECH TRANS	012364-00001	Research	7/1/2014	6/30/2015	JULY 2014	4751902
\$797,926	IOWA DEPARTMENT OF PUBLIC HEALTH	MATERNAL INFANT AND EARLY CHILDHOOD HOME	PETERSON, CARLA ANN	COLLEGE OF HUMAN SCIENCES	HUMAN DEVELOPMENT & FAMILY STUDIES	012317-00001	Research	7/1/2014	6/30/2015	JULY 2014	4782803

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		VISITING (MIECHV)									
\$746,496	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	REGIONAL AQUACULTURE CENTER - NORTH CENTRAL REGION	MORRIS, JOSEPH EUGENE	AG EXPERIMENT STATION	NATURAL RESOURCE ECOLOGY & MGMT	012388-00001	Research	8/1/2014	7/31/2019	JULY 2014	4164115
\$602,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	CARBON CYCLING IN NATIVE VS. NON-NATIVE DOMINATED SYSTEMS	WILSEY, BRIAN J	COLLEGE OF LIBERAL ARTS & SCIENCES	ECOLOGY, EVOLUTION & ORG BIOLOGY	012252-00001	Research	5/1/2014	7/31/2017	JULY 2014	4162104
\$506,629	NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	DNA TARGETING BY TAL EFFECTORS	BOGDANOVE, ADAM J	AG EXPERIMENT STATION	PLANT PATHOLOGY	007585-00001	Research	9/1/2011	4/30/2015	JULY 2014	4304605
\$500,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	NOVEL AND PRACTICAL APPROACHES FOR MITIGATION OF CAMPYLOBACTER IN POULTRY	ZHANG, QIJING	COLLEGE OF VETERINARY MEDICINE	VETERINARY MICROBIOLOGY & PREV MEDICINE	005075-00001	Research	7/15/2012	7/14/2015	JULY 2014	4162311
\$499,889	NSF-NATIONAL SCIENCE FOUNDATION	RI: SMALL: FROM IMPACT TO IMPULSIVE MANIPULATION	JIA, YAN-BIN	COLLEGE OF LIBERAL ARTS & SCIENCES	COMPUTER SCIENCE	012356-00001	Research	7/15/2014	6/30/2017	JULY 2014	4206102
\$491,644	DOE-US DEPARTMENT OF ENERGY	MICROBIAL DRIVERS OF GLOBAL CHANGE AT THE AGGREGATE SCALE: LINKING GENOMIC FUNCTION TO CARBON METABOLISM AND WARMING	HOFMOCKEL, KIRSTEN	COLLEGE OF LIBERAL ARTS & SCIENCES	ECOLOGY, EVOLUTION & ORG BIOLOGY	011331-00001	Research	9/1/2013	8/31/2015	JULY 2014	4012111
\$471,746	METABOLIC TECHNOLOGIES INC	NUTRITION INTERVENTION FOR AGE RELATED MUSCULAR FUNCTION AND	SHARP, RICKEY LEE	COLLEGE OF HUMAN SCIENCES	KINESIOLOGY	012316-00001	Research	6/1/2014	5/31/2016	JULY 2014	4042809

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		STRENGTH LOSSES-PHASE II									
\$462,707	IOWA DEPARTMENT OF TRANSPORTATION	WORK PLAN FOR THE ADMINISTRATIVE COMPONENT FOR THE INSTITUTE FOR TRANSPORTATION FY2015	HALLMARK, SHAUNA L	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	012243-00001	Research	7/1/2014	6/30/2015	JULY 2014	4741768
\$461,661	IOWA DEPARTMENT OF NATURAL RESOURCES	NATIONAL WATER QUALITY INITIATIVE (NWQI) MONITORING IN THE BLACK HAWK LAKE WATERSHED	SOUPIR, MICHELLE LYNN	COLLEGE OF ENGINEERING	AG & BIOSYSTEMS ENGINEERING	012295-00001	Research	7/1/2014	12/31/2019	JULY 2014	4732014
\$450,098	NSF-NATIONAL SCIENCE FOUNDATION	SHF: SMALL: CAPSULE-ORIENTED PROGRAMMING	RAJAN, HRIDESH	COLLEGE OF LIBERAL ARTS & SCIENCES	COMPUTER SCIENCE	012310-00001	Research	8/1/2014	7/31/2017	JULY 2014	4202147
\$424,184	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: MODULAR DESIGN OF CROSS-CONJUGATED ORGANIC SEMICONDUCTORS	JEFFRIES-EL, MALIKA	COLLEGE OF LIBERAL ARTS & SCIENCES	CHEMISTRY	012398-00001	Research	8/1/2014	7/31/2017	JULY 2014	4202175
\$350,000	DOI-US BUREAU OF LAND MANAGEMENT (BLM)	STATISTICAL SUPPORT FOR THE BLM LANDSCAPE MONITORING FRAMEWORK	YU, CINDY LONG	VP FOR RESEARCH	CTR FOR SURVEY STATISTICS & METHODOLOGY	011460-00001	Research	9/15/2013	9/30/2018	JULY 2014	4241706
\$330,000	NSF-NATIONAL SCIENCE FOUNDATION	INNOVATIVE DUAL-ROTOR WIND TURBINE (DRWT) DESIGNS FOR IMPROVED TURBINE PERFORMANCE AND WIND FARM EFFICIENCY	HU, HUI	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	012368-00001	Research	9/1/2014	8/31/2017	JULY 2014	4206269
\$304,000	NSF-NATIONAL SCIENCE	COLLABORATIVE RESEARCH: CDS&E:	BALASUBRAMANIAN, GANESH	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	012338-00001	Research	7/15/2014	6/30/2017	JULY 2014	4206268

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	FOUNDATION	GENETIC ALGORITHM DRIVEN HYBRID COMPUTATIONAL/ EXPERIMENTAL ENGINEERING OF DEFECTS IN DESIGNER MATERIALS									
\$300,000	NSF-NATIONAL SCIENCE FOUNDATION	TEMPORAL RESOLUTION IN FAST PYROLYSIS OF LIGNOCELLULOSIC BIOMASS	LEE, YOUNG-JIN	VP FOR RESEARCH	BIOECONOMY INSTITUTE	012373-00001	Research	9/1/2014	8/31/2017	JULY 2014	4201728
\$294,253	IOWA COMMUNITY CAPITAL	SOLIDARITY MICROFINANCE PEER LENDING RESEARCH AND DEMONSTRATION PROJECT	EDELMAN, MARK ALAN	UNIVERSITY & COOPERATIVE EXTENSION	ECONOMICS	012362-00001	Public Service	7/16/2014	6/30/2017	JULY 2014	4003045
\$285,000	NSF-NATIONAL SCIENCE FOUNDATION	QUANTIFICATION OF WIND-DRIVEN SURFACE WATER TRANSPORT PROCESS FOR AIRCRAFT ICING STUDIES	HU, HUI	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	012336-00001	Research	9/1/2014	8/31/2017	JULY 2014	4206266
\$274,507	IOWA DEPARTMENT OF HUMAN SERVICES	ENVIRONMENTAL RATING SCALE ASSESSMENT PROJECT	OESTERREICH, LESIA L	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN DEVELOPMENT & FAMILY STUDIES	012289-00001	Public Service	7/1/2014	6/30/2015	JULY 2014	4703045
\$261,320	IOWA DEPARTMENT OF HUMAN SERVICES	QRS ENVIRONMENT RATING SCALE TRAINING PROGRAM	OESTERREICH, LESIA L	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN DEVELOPMENT & FAMILY STUDIES	012318-00001	Public Service	7/1/2014	6/30/2015	JULY 2014	4703047
\$250,000	BAYER CROPSCIENCE AG (GERMANY)	CAMTECH MEMBERSHIP-BAYER CROPSCIENCE AG (GERMANY)	BONNING, BRYONY C	AG EXPERIMENT STATION	ENTOMOLOGY	012298-00001	Research	10/1/2013	9/30/2018	JULY 2014	
\$231,645	NSF-NATIONAL	IDBR: TYPE A: HIGH-	DONG, LIANG	COLLEGE OF	ELECTRICAL	011817-00001	Research	3/1/2014	2/28/2017	JULY	4206261

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	SCIENCE FOUNDATION	THROUGHPUT, LARGE-SCALE PLANT PHENOTYPING PLATFORM		ENGINEERING	ENGINEERING & COMPUTER ENGR					2014	
\$222,368	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: A FUNDAMENTAL AND MODELING STUDY OF CLUSTER-INDUCED TURBULENCE IN PARTICLE-LADEN FLOWS	FOX, RODNEY O	COLLEGE OF ENGINEERING	CHEMICAL & BIOLOGICAL ENGR	012337-00001	Research	9/1/2014	8/31/2017	JULY 2014	4206267
\$215,233	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: VISUAL ANALYTICS FOR CREATION OF VALUE FUNCTIONS IN COMPLEX SYSTEMS DESIGN UNDER UNCERTAINTY	BLOEBAUM, CHRISTINA LYNNE	VP FOR RESEARCH	VIRTUAL REALITY APPLICATIONS CENTER	012370-00001	Research	8/1/2014	7/31/2016	JULY 2014	4202523
\$213,929	NSF-NATIONAL SCIENCE FOUNDATION	MOLECULAR MECHANISMS OF THE MRE11/RAD50 DNA REPAIR COMPLEX	NELSON, SCOTT W	AG EXPERIMENT STATION	BIOCHEMISTRY & BIOPHYSICS	004454-00001	Research	9/1/2011	8/31/2015	JULY 2014	4204010
\$207,928	IOWA DEPARTMENT OF TRANSPORTATION	WORK PLAN FOR THE BRIDGE CENTER AND BRIDGE ENGINEER PROGRAM FY2015	HALLMARK, SHAUNA L	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	012241-00001	Research	7/1/2014	6/30/2015	JULY 2014	4741755
\$200,000	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	8/14/2015	JULY 2014	4012119
\$200,000	DEERE & COMPANY	FIELD TEST OF CROP HARVESTING SENSOR INNOVATIONS	DARR, MATTHEW JOHN	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	012359-00001	Research	6/1/2014	10/31/2014	JULY 2014	4004141
\$196,862	MINNESOTA	EVALUATION OF	HALLMARK, SHAUNA L	VP FOR	INST FOR	012305-00001	Research	6/30/2014	12/31/2016	JULY	4041741

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	DEPARTMENT OF TRANSPORTATION	INTERSECTION CONFLICT WARNING		RESEARCH	TRANSPORTATION (INTRANS)					2014	
\$175,000	OREGON DEPARTMENT OF TRANSPORTATION	CHIP SEAL DESIGN AND SPECIFICATIONS	GRANSBERG, DOUGLAS DRAKE	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	012381-00001	Research	7/1/2014	7/31/2016	JULY 2014	4041742
\$170,000	DOE-US DEPARTMENT OF ENERGY	STRUCTURE/FUNCTION OF THE NOVEL PROTEINS LCIB AND LCIC IN THE CHLAMYDOMONAS CCM	SPALDING, MARTIN H II	COLLEGE OF LIBERAL ARTS & SCIENCES	GENETICS DEVELOPMENT & CELL BIOLOGY	005060-00001	Research	8/15/2012	8/14/2015	JULY 2014	4012117
\$161,323	IOWA DEPARTMENT OF HUMAN SERVICES	BETTER KID CARE NEW STAFF ORIENTATION	OESTERREICH, LESIA L	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN DEVELOPMENT & FAMILY STUDIES	012290-00001	Public Service	7/1/2014	6/30/2015	JULY 2014	4703039
\$160,000	IOWA DEPARTMENT OF TRANSPORTATION	THE PROGRAM MANAGER OF THE NATIONAL CONCRETE PAVEMENT TECHNOLOGY CENTER (CP TECH) FY2015	HALLMARK, SHAUNA L	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	012262-00001	Research	7/1/2014	6/30/2016	JULY 2014	4741776
\$150,000	IOWA DEPARTMENT OF TRANSPORTATION	WORK PLAN FOR THE STATEWIDE URBAN DESIGN AND SPECIFICATIONS PROGRAM (SUDAS)	HALLMARK, SHAUNA L	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	012268-00001	Research	7/1/2014	6/30/2017	JULY 2014	4741766
\$142,901	ZINPRO CORPORATION	INVESTIGATING THE POTENTIAL FOR SUPPLEMENTAL ZN AMINO ACID COMPLEX TO EXTEND CATTLE RESPONSE TO OPTAFLEXX FEEDING FROM 28 DAYS TO 42 DAYS PRIOR TO HARVEST	HANSEN, STEPHANIE L	AG EXPERIMENT STATION	ANIMAL SCIENCE	012307-00001	Research	8/1/2014	7/31/2015	JULY 2014	4004138

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\$140,000	IOWA CONCRETE PAVING ASSOCIATION	MANAGEMENT OF THE NATIONAL CP TECH CENTER	CAKLER, ELLS THOMAS	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	012303-00001	Public Service	7/1/2014	6/30/2015	JULY 2014	4001755
\$132,179	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: NEXT GENERATION NEUTRINO WATER CHERENKOV DETECTORS USING LARGE-AREA FAST PHOTSENSORS	SANCHEZ, MAYLY	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	007525-00001	Research	6/1/2011	5/31/2016	JULY 2014	4206158
\$113,483	ED-US DEPARTMENT OF EDUCATION	PELL GRANT, FY14	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT AFFAIRS	STUDENT FINANCIAL AID	010617-00001	Student Financial Aid	7/1/2013	6/30/2014	JULY 2014	4325743
\$113,217	UNIVERSITY OF LONDON - ROYAL VETERINARY COLLEGE	INVESTIGATION INTO THE GENETIC BASIS OF INFLAMMATORY BOWEL DISEASE IN THE GERMAN SHEPHERD DOG USING GENOME-WIDE ASSOCIATION STUDY	JERGENS, ALBERT EARL	COLLEGE OF VETERINARY MEDICINE	VET CLINICAL SCIENCES	012285-00001	Research	10/1/2014	9/30/2016	JULY 2014	4002370
\$109,234	NSF-NATIONAL SCIENCE FOUNDATION	SIMULATION OF THE WAVE-MATTER INTERACTIONS: GEOMETRICAL OPTICS AND NANO OPTICS	LUO, SONGTING	COLLEGE OF LIBERAL ARTS & SCIENCES	MATHEMATICS	012387-00001	Research	8/1/2014	7/31/2017	JULY 2014	4202162
\$104,875	IOWA DEPARTMENT OF TRANSPORTATION	WORK PLAN FOR THE TRANSPORTATION MATERIALS ENGINEER FY2015	HALLMARK, SHAUNA L	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	012263-00001	Research	7/1/2014	6/30/2015	JULY 2014	4741764
\$103,296	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: CHEMICAL CONTROL OF POLYMER/PBS BLENDS FOR PV APPLICATIONS	GANAPATHYSUBRAMANIAN, B	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	012374-00001	Research	10/1/2014	9/30/2017	JULY 2014	4206270

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\$102,378	MISSOURI DEPARTMENT OF TRANSPORTATION	DEMONSTRATION/ WORKSHOP ON 3D ENGINEERED MODELS FOR STRINGLESS PAVING	CACKLER, ELLS THOMAS	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	012386-00001	Research	7/28/2014	10/1/2014	JULY 2014	4041799
\$99,708	IOWA DEPARTMENT OF TRANSPORTATION	WORK PLAN FOR THE TRANSPORTATION OPERATIONS ENGINEER FY2015	HALLMARK, SHAUNA L	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	012266-00001	Research	7/1/2014	6/30/2015	JULY 2014	4741765
\$94,170	UNIVERSITY OF CALIFORNIA SAN DIEGO	FLUID-STRUCTURE INTERACTION SIMULATION OF GAS TURBINE ENGINES USING ISOGEOMETRIC ANALYSIS	HSU, MING-CHEN	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	012363-00001	Research	6/15/2014	12/14/2015	JULY 2014	4046042
\$94,052	YALE UNIVERSITY	A SYSTEMS APPROACH TO THE DEVELOPMENT AND FUNCTION OF C4 PHOTOSYNTHESIS	LIU, PENG	COLLEGE OF LIBERAL ARTS & SCIENCES	STATISTICS	007603-00001	Research	2/15/2012	1/31/2015	JULY 2014	4042153
\$93,174	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: ARCHITECTURAL SUPPORT FOR CPU/GPU HYBRIDIZATION	ZAMBRENO, JOSEPH	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	006034-00001	Research	4/1/2012	3/31/2017	JULY 2014	4206201
\$91,327	IOWA DEPARTMENT OF TRANSPORTATION	WORK PLAN FOR THE INTRANS IOWA DOT LIBRARIAN FY2015	HALLMARK, SHAUNA L	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	012242-00001	Research	7/1/2014	6/30/2015	JULY 2014	4741760
\$90,701	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: UNDERSTANDING AND PREDICTING EYEWITNESS IDENTIFICATION ERRORS: STUDIES USING A UNIQUE SET OF MATERIALS FROM ACTUAL	WELLS, GARY L	COLLEGE OF LIBERAL ARTS & SCIENCES	PSYCHOLOGY	012391-00001	Research	8/1/2014	7/31/2017	JULY 2014	4202174



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\$89,907	NSF-NATIONAL SCIENCE FOUNDATION	LTREB RENEWAL: LONG-TERM RESEARCH ON ENVIRONMENTAL GENDER DETERMINATION IN A MODEL SYSTEM (CHRYSEMYS)	JANZEN, FREDRIC J II	AG EXPERIMENT STATION	ECOLOGY, EVOLUTION & ORG BIOLOGY	006627-00001	Research	9/1/2012	8/31/2017	JULY 2014	4204074
\$89,552	GENERAL MILLS OPERATIONS INC	IN VITRO ANALYSIS OF GLUCOSE-RELEASE RATES OF FOOD PRODUCTS AND DEVELOPMENTS OF LOW GLYCEMIC-RESPONSE (GR) FOODS	JANE-TOPEL, JAY-LIN	AG EXPERIMENT STATION	FOOD SCIENCE & HUMAN NUTRITION	012215-00001	Research	6/1/2014	5/31/2015	JULY 2014	4004302
\$82,666	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: CDS&E: INVESTIGATING A SELF-ASSEMBLING DATA PARADIGM FOR DETECTOR ARRAYS	WEINSTEIN, AMANDA	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	012341-00001	Research	7/15/2014	6/30/2016	JULY 2014	4202155
\$80,268	IOWA DEPARTMENT OF PUBLIC HEALTH	1-800 BETS OFF HELPLINE	VANGINKEL, MARGARET E	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN SCIENCES EXTENSION AND OUTREACH	012331-00001	Public Service	7/1/2014	6/30/2015	JULY 2014	4783008
\$75,000	BATTELLE MEMORIAL INSTITUTE-PACIFIC NORTHWEST NATIONAL LABORATORY	JOINT ANALYSIS BY PACIFIC NORTHWEST NATIONAL LABORATORY AND IOWA STATE UNIVERSITY	MBA-WRIGHT, MARK	VP FOR RESEARCH	BIOECONOMY INSTITUTE	007137-00001	Research	11/21/2011	12/31/2014	JULY 2014	4042514
\$74,992	IOWA DEPARTMENT OF TRANSPORTATION	LABORATORY AND FIELD EVALUATION OF A COMPOSITE GLUE-LAMINATED GIRDER TO DECK CONNECTION TR-680	PHARES, BRENT M	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	012354-00001	Research	7/1/2014	6/30/2017	JULY 2014	4747937

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\$72,950	NSF-NATIONAL SCIENCE FOUNDATION	SHF: EAGER: COLLABORATIVE RESEARCH: DEMONSTRATING THE FEASIBILITY OF AUTOMATIC PROGRAM REPAIR GUIDED BY SEMANTIC CODE SEARCH	STOLEE, KATHRYN	COLLEGE OF LIBERAL ARTS & SCIENCES	COMPUTER SCIENCE	012296-00001	Research	7/1/2014	6/30/2015	JULY 2014	4202145
\$69,989	USDA-FS-FOREST PRODUCTS LABORATORY (FPL)	IMPROVED ANALYTICAL TECHNIQUES FOR HISTORIC COVERED BRIDGES-PHASE II	PHARES, BRENT M	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	012395-00001	Research	7/21/2014	6/30/2017	JULY 2014	4121709
\$66,000	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 2014	4201806
\$65,095	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	HYBRID AND PURE TURBULENCE MODELING FOR SEPARATION AND DETACHED FLOW	DURBIN, PAUL	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	006617-00001	Research	8/3/2012	8/2/2015	JULY 2014	4222004
\$62,500	NATIONAL ACADEMIES	DEVELOPMENT OF RENEWABLE POLYMERS FOR USE IN ASPHALT PAVEMENTS	WILLIAMS, R CHRISTOPHER	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	012346-00001	Research	7/1/2014	6/29/2016	JULY 2014	4282006
\$62,148	USDA-FS-FOREST PRODUCTS LABORATORY (FPL)	BUCHANAN COUNTY SMART TIMBER GRS ABUTMENT BRIDGE	PHARES, BRENT M	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	012306-00001	Research	6/26/2014	6/15/2018	JULY 2014	4121725
\$58,000	UNIVERSITY OF MASSACHUSETTS LOWELL	NIST FIBERS (FACILITATING INDUSTRY BY ENGINEERING, ROADMAPPING AND SCIENCE) CONSORTIUM	DAYAL, VINAY	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	012396-00001	Research	6/1/2014	5/31/2016	JULY 2014	4046044

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\$51,936	UNITED SOYBEAN BOARD	VIRUS-INDUCED GENE SILENCING (VIGS) TO REVEAL SIGNAL NETWORKS AGAINST GENES CONTROLLING RESISTANCE TO SOYBEAN STRESS - SOYBEAN RUST (ASR) AND, SCLEROTINIA WHITE MOLD	WHITHAM, STEVEN ALAN	AG EXPERIMENT STATION	PLANT PATHOLOGY	012320-00001	Research	6/1/2014	9/30/2014	JULY 2014	4594020
\$50,400	NEH-NATIONAL ENDOWMENT FOR THE HUMANITIES	LOCAL GOVERNMENTS AND THE GATHERING OF INFORMATION IN ENGLAND, 1550-1700	GRIFFITHS, PAUL D	COLLEGE OF LIBERAL ARTS & SCIENCES	HISTORY	012383-00001	Scholarships & Fellowships	8/1/2014	7/31/2015	JULY 2014	4282106
\$50,000	USDA-ECONOMIC RESEARCH SERVICE (ERS)	FOOD SECURITY MODEL DEVELOPMENT	BEGHIN, JOHN CHRISTOPHER	AG EXPERIMENT STATION	CENTER FOR AG & RURAL DEVELOPMENT	010841-00001	Research	8/6/2013	9/30/2015	JULY 2014	4124003
\$50,000	IOWA DEPARTMENT OF TRANSPORTATION	WORK PLAN FOR THE CENTER FOR EARTHWORKS ENGINEERING RESEARCH (CEER) FY2015	HALLMARK, SHAUNA L	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	012258-00001	Research	7/1/2014	6/30/2015	JULY 2014	4741762
\$50,000	UNIVERSITY OF NEBRASKA LINCOLN	MANAGING YOUR FARM'S HEARTBEAT: EFFECTIVE HUMAN RESOURCES STRATEGIES	SCHULTZ, MADELINE MARGARE	UNIVERSITY & COOPERATIVE EXTENSION	VALUE ADD AG-EXTENSION	012313-00001	Public Service	7/1/2014	6/30/2015	JULY 2014	4103006
\$50,000	IOWA DEPARTMENT OF TRANSPORTATION	UPGRADING BRIDGE RAILS ON LOW VOLUME ROADS IN IOWA	HANS, ZACHARY N	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	012332-00001	Research	7/1/2014	12/31/2015	JULY 2014	4747936
\$49,997	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: I/UCRC: CENTER FOR ARTHROPOD MANAGEMENT	BONNING, BRYONY C	AG EXPERIMENT STATION	ENTOMOLOGY	010785-00001	Research	8/1/2013	7/31/2018	JULY 2014	4204108

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		TECHNOLOGIES (CAMTECH)									
\$49,991	UNIVERSITY OF NEBRASKA LINCOLN	BEEF FEEDLOT PRODUCER RISK MANAGEMENT PROJECT	EUKEN, RUSSELL MARK	UNIVERSITY & COOPERATIVE EXTENSION	EXTENSION TO AG-EXTENSION	012292-00001	Public Service	7/1/2014	6/30/2015	JULY 2014	4103002
\$49,852	IOWA CORN PROMOTION BOARD	NITRATE MICRONEEDLE SENSORS FOR IN-SITU, REAL-TIME MONITORING OF PLANT-SOIL NITROGEN DYNAMICS FOR FIELD STUDIES	DONG, LIANG	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	012334-00001	Research	8/16/2014	8/15/2015	JULY 2014	4512001
\$49,688	UNIVERSITY OF NEBRASKA LINCOLN	IMPLEMENTING RISK MANAGEMENT DECISIONS THAT OPTIMIZE NUTRIENT VALUE OF DAIRY MANURE WHILE MINIMIZING RELATED RISKS	TIMMS, LEO LOUIS	UNIVERSITY & COOPERATIVE EXTENSION	ANIMAL SCIENCE	012293-00001	Public Service	7/1/2014	6/30/2015	JULY 2014	4103903
\$49,037	MINNESOTA DEPARTMENT OF TRANSPORTATION	CARBONATE AGGREGATE IN CONCRETE	WANG, KEJIN	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	005074-00001	Research	8/9/2012	5/31/2015	JULY 2014	4001706
\$46,988	NATIONAL PORK BOARD	A META-ANALYSIS OF RETAIL PORK (LOIN, CHOPS, AND STEAK) QUALITY METRICS FROM 1994 TO 2014	O'CONNOR, ANNETTE M	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	012397-00001	Research	8/15/2014	8/14/2015	JULY 2014	4532350
\$46,000	DOE-US DEPARTMENT OF ENERGY	INVESTIGATIONS OF QUARK SEA AND ORBITAL ANGULAR MOMENTUM CONTRIBUTIONS TO NUCLEON SPIN	LAJOIE, JOHN G	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	008010-00001	Research	9/1/2010	8/31/2015	JULY 2014	4012103
\$45,000	IOWA DEPARTMENT OF	IOWA COOPERATIVE FISH AND WILDLIFE	KLAVER, ROBERT W	AG EXPERIMENT	NATURAL RESOURCE ECOLOGY & MGMT	007624-00001	Research	7/1/2007	6/30/2015	JULY 2014	4734050

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	NATURAL RESOURCES	RESEARCH UNIT BASE FUNDING FY13		STATION							
\$42,298	DOI-US FISH & WILDLIFE SERVICE (USFWS)	COMPLETE SURVEY OF CHIMPANZEES (PAN TROGLODYTES VERUS) OUTSIDE OF PROTECTED AREAS IN SENEGAL: FILLING GAPS IN OUR KNOWLEDGE IN ANTICIPATION OF CORPORATE MINING DEVELOPMENT	PRUETZ, JILL D	COLLEGE OF LIBERAL ARTS & SCIENCES	ANTHROPOLOGY	012319-00001	Research	7/2/2014	9/30/2015	JULY 2014	4242101
\$42,000	MICHIGAN STATE UNIVERSITY	IOWA PLANT DIAGNOSTIC NETWORK	JESSE, LAURA C HANSEN	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	008261-00001	Public Service	7/1/2012	6/30/2015	JULY 2014	4103033
\$37,919	SPECTRAL ENERGIES LLC	X-RAY CT SCANNING OF THREE-DIMENSIONAL ICE SHAPES	ROTHMAYER, ALRIC PAUL	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	012300-00001	Research	6/20/2014	12/19/2014	JULY 2014	4046041
\$36,041	COLUMBIA UNIVERSITY	US ATLAS DOPM TRAVEL AND TRAVEL SUPPORT	COCHRAN, JAMES	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	012347-00001	Research	2/1/2014	1/31/2015	JULY 2014	4042155
\$35,879	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: A DETRITAL ZIRCON RECORD OF CALIFORNIA ARC MAGMATISM	JACOBSON, CARL ERNEST	COLLEGE OF LIBERAL ARTS & SCIENCES	GEOLOGICAL & ATMOSPHERIC SCIENCES	012340-00001	Research	9/1/2014	8/31/2016	JULY 2014	4202152
\$35,253	IOWA DEPARTMENT OF TRANSPORTATION	PROFESSIONAL TRAFFIC ENGINEERING POSITION	HAWKINS, NEAL R	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	004635-00001	Research	12/1/2012	6/30/2015	JULY 2014	4741788
\$33,500	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ORIGIN, EVOLUTION, AND ZOO NOTIC POTENTIAL OF LIVESTOCK-ASSOCIATED	FRANA, TIMOTHY S	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	012151-00001	Research	5/1/2014	4/1/2015	JULY 2014	4192307

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		METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS FOUND IN US SWINE FARMS									
\$32,765	IOWA DEPARTMENT OF TRANSPORTATION	WORK PLAN FOR THE PAVEMENT SYSTEMS RESEARCH ENGINEER FY2015	HALLMARK, SHAUNA L	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	012378-00001	Research	8/15/2014	5/15/2015	JULY 2014	4747847
\$30,000	UCHICAGO ARGONNE LLC- ARGONNE NATIONAL LABORATORY	PERFORM WORK ON FTK DCS FOR ATLAS AND ANALYSIS OF ATLAS DATA	CHEN, CHUNHUI	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	012311-00001	Research	7/1/2014	6/30/2015	JULY 2014	4042152
\$29,337	USDA-FARM SERVICE AGENCY (FSA)	ESTIMATING THE EFFECT OF THE CONSERVATION RESERVE PROGRAM (CRP) CONTOUR STRIPS ON GRASSLAND BIRDS	SCHULTE-MOORE, LISA ANN	AG EXPERIMENT STATION	NATURAL RESOURCE ECOLOGY & MGMT	012384-00001	Research	8/15/2014	8/15/2015	JULY 2014	4124009
\$24,683	IOWA SOYBEAN ASSOCIATION	HIERARCHICAL STATISTICAL MODELS FOR THE ANALYSIS OF ON-FARM AGRICULTURAL TRIALS OF FUNGICIDE USE IN SOYBEANS	CARAGEA, PETRUTA CARMEN	COLLEGE OF LIBERAL ARTS & SCIENCES	STATISTICS	012324-00001	Research	7/1/2014	12/31/2014	JULY 2014	4502102
\$20,000	AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING INC	A SELF-ADHESIVE CAPACITIVE SENSOR FOR NUCLEAR POWER PLANT CABLES MONITORING	BOWLER, NICOLA	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	012326-00001	Research	7/1/2014	6/30/2015	JULY 2014	4002562
\$20,000	IOWA DEPARTMENT OF TRANSPORTATION	MULTIDISCIPLINARY SAFETY TEAM ASSISTANCE AND EVALUATION	KNAPP, KEITH K	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	012365-00001	Research	6/16/2014	9/30/2014	JULY 2014	4741779

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\$19,458	EPA-US ENVIRONMENTAL PROTECTION AGENCY	WATER QUALITY EDUCATION OUTREACH VIDEOS	COMITO, JACQUELINE M	UNIVERSITY & COOPERATIVE EXTENSION	AG & BIOSYSTEMS ENGINEERING	012342-00001	Public Service	7/8/2014	9/30/2014	JULY 2014	4293004
\$19,432	IOWA ECONOMIC DEVELOPMENT AUTHORITY	IOWA BUILDING ENERGY BENCHMARKING-PHASE II	ZHOU, XIAOHUI	VP FOR RESEARCH	IOWA ENERGY CENTER	005596-00001	Research	1/15/2013	9/30/2014	JULY 2014	4781732
\$17,250	KAY FLO COMPANY	ASSESSING THE IMPACTS OF EXTRUSION PROCESSING OF NOVEL FEED INGREDIENTS	ROSENTRATER, KURT A	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	012372-00001	Research	7/15/2014	12/31/2014	JULY 2014	4004150
\$16,000	NSF-NATIONAL SCIENCE FOUNDATION	SHF:SMALL:PHASE-BASED TUNING FOR BETTER UTILIZATION OF PERFORMANCE-ASYMMETRIC MULTICORES	RAJAN, HRIDESH	COLLEGE OF LIBERAL ARTS & SCIENCES	COMPUTER SCIENCE	004993-00001	Research	8/1/2011	7/31/2015	JULY 2014	4206164
\$15,000	USDA-FOREST SERVICE (FS)	DISTRIBUTION AND INTENSIFICATION OF BUR OAK BLIGHT IN IOWA AND THE MIDWEST	HARRINGTON, THOMAS C	AG EXPERIMENT STATION	PLANT PATHOLOGY	005442-00001	Research	1/1/2010	12/31/2014	JULY 2014	4124541
\$15,000	CITY OF AMES IOWA	CITY OF AMES, EPRC	CHRISTY, COLIN	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	008089-00001	Research	1/1/2002	6/30/2015	JULY 2014	4006053
\$13,400	IOWA CORN PROMOTION BOARD	INFORMATICS SUPPORT FOR THE GENOTYPE X ENVIRONMENT SUBGROUP OF THE MAIZE GENOMES2FIELDS INITIATIVE	LAWRENCE, CAROLYN	AG EXPERIMENT STATION	GENETICS DEVELOPMENT & CELL BIOLOGY	012350-00001	Research	7/15/2014	7/14/2015	JULY 2014	4514007
\$13,378	IOWA DEPARTMENT OF PUBLIC HEALTH	EPIDEMIOLOGY AND LABORATORY CAPACITY FOR	BARTHOLOMAY, LYRIC COLLEE	AG EXPERIMENT STATION	ENTOMOLOGY	012288-00001	Research	5/1/2014	7/31/2014	JULY 2014	4784042

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		INFECTIOUS DISEASES (ELC) PROGRAM COMPONENTS									
\$13,200	RURAL RECYCLING GRINDING LLC	ASSESSING THE ENVIRONMENTAL BENEFITS OF MULTIPLE-USE PALLETS AND FROM RECYCLED AGRICULTURAL PLASTIC	ROSENTRATER, KURT A	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	012299-00001	Research	5/1/2014	1/31/2015	JULY 2014	4004172
\$9,892	CERES TRUST	OVERCOMING BARRIERS TO CONSISTENT YIELDS IN REDUCED TILLAGE ORGANIC VEGETABLE PRODUCTION	NAIR, AJAY	AG EXPERIMENT STATION	HORTICULTURE	012355-00001	Research	6/1/2014	6/1/2015	JULY 2014	4004233
\$7,700	UNIVERSITY OF KENTUCKY	FOOD AND ENERGY PRODUCTION: INTERNATIONALIZED AGRICULTURAL AND ENGINEERING PROGRAMS	STEWARD, BRIAN LYNN	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	005941-00001	Research	7/1/2009	6/30/2014	JULY 2014	4044014
\$7,411	STATE LIBRARY OF IOWA	ENRICH IOWA PROGRAM INTERLIBRARY LOAN REIMBURSEMENT	MADISON, OLIVIA MARIE	LIBRARY	LIBRARY	007619-00001	Public Service	7/1/2001	6/30/2015	JULY 2014	4780920
\$5,946	ED-US 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	JULY 2014	4325742
\$5,000	NSF-NATIONAL SCIENCE FOUNDATION	BIOLOGICAL UTILIZATION OF THERMOLYTIC SUBSTRATES BY BACTERIA AND	JARBOE, LAURA	VP FOR RESEARCH	BIOECONOMY INSTITUTE	007063-00001	Research	1/1/2012	12/31/2014	JULY 2014	4201707



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		MICROALGAE: ADDRESSING TOXICITY OF SUBSTRATE CONTAMINANTS									
\$5,000	UNIVERSITY OF WYOMING	SIMULATING EXPECTED CHANGES IN POLLINATOR RESOURCES AS A FUNCTION OF CLIMATE CHANGE	DEBINSKI, DIANE M	AG EXPERIMENT STATION	ECOLOGY, EVOLUTION & ORG BIOLOGY	012284-00001	Research	5/1/2014	4/30/2015	JULY 2014	4044203
\$4,400	SPRAYTEC FERTILIZERS LLC	NON-CONFIDENTIAL FIELD TRIALS	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	012283-00001	Research	7/1/2014	9/30/2014	JULY 2014	
\$4,020	IOWA ACADEMY OF SCIENCE	EXTINCTION OF ELK-MOOSE IN IOWA: CHRONOLOGY, CONTEXT, AND CAUSE	HILL, MATTHEW G	COLLEGE OF LIBERAL ARTS & SCIENCES	ANTHROPOLOGY	012280-00001	Research	7/1/2014	6/30/2015	JULY 2014	4752109
\$1,000	AMERICAVIEW	STATEVIEW PROGRAM DEVELOPMENT AND OPERATIONS FOR THE STATE OF IOWA	KANE, KEVIN L	COLLEGE OF DESIGN	INSTITUTE FOR DESIGN RESEARCH & OUTREACH	011936-00001	Research	12/13/2013	9/15/2014	JULY 2014	4042901