

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

Calendar Year: 2014  
Month: Mar

Award Count: 94  
Award Total: \$23,350,833

Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
\$10,296,417	DOE-U.S. DEPARTMENT OF ENERGY	OPERATING AND MANAGEMENT SUPPORT FOR THE AMES LABORATORY	LOGRASSO, THOMAS A	AMES LABORATORY	AMES LABORATORY	004881-00001	Research	1/1/1981	12/31/2016	MAR. 2014	4012501
\$1,597,874	DOD-AIR FORCE RESEARCH LABORATORY (AFRL)	COMPREHENSION-DRIVEN PROGRAM ANALYSIS (CPA) FOR MALWARE DETECTION IN ANDROID PHONES	KOTHARI, SURAJ C	COLLEGE OF ENGINEERING	ENGINEERING RESEARCH INSTITUTE	006559-00001	Research	2/3/2012	2/2/2015	MAR. 2014	4212030
\$1,145,348	DOD-AIR FORCE RESEARCH LABORATORY (AFRL)	CAPTURING COGNITIVE FINGERPRINTS FOR ACTIVE AUTHENTICATION	CHANG, JIEN MORRIS	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	011072-00001	Research	9/12/2013	9/11/2015	MAR. 2014	4212056
\$962,500	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	IMPROVING NUTRIENT UTILIZATION AND FEED EFFICIENCY THROUGH RESEARCH AND EXTENSION TO ENHANCE PIG INDUSTRY SUSTAINABILITY AND COMPETITIVENESS	PATIENCE, JOHN FRANCIS	AG EXPERIMENT STATION	ANIMAL SCIENCE	005963-00001	Research	4/1/2011	3/31/2015	MAR. 2014	4164105
\$499,992	NSF-NATIONAL SCIENCE FOUNDATION	RET SITE IN ENGINEERING AND COMPUTER SCIENCE: ENERGY AND SUSTAINABILITY-TO DEVELOP THE GREEN COLLAR WORKFORCE FOR THE 21ST CENTURY	COCHRAN, ERIC W	COLLEGE OF ENGINEERING	CTR FOR BIORENEWABLE CHEMICALS	011881-00001	Research	5/1/2014	4/30/2017	MAR. 2014	4207260
\$488,805	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	LONGITUDINAL STUDY OF RURAL COMMUNITY SOCIAL CAPITAL, AMENITIES AND QUALITY OF LIFE	BESSER, TERRY L	AG EXPERIMENT STATION	SOCIOLOGY	011848-00001	Research	3/15/2014	3/14/2016	MAR. 2014	4164104
\$450,000	DOW AGROSCIENCES LLC	STINK BUG VIRUSES AND RNA INTERFERENCE	BONNING, BRYONY C	AG EXPERIMENT STATION	ENTOMOLOGY	011844-00001	Research	2/1/2014	1/31/2017	MAR. 2014	4004087

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\$400,000	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: A FRAMEWORK FOR INTEGRATED COMPUTATIONAL AND PHYSICAL SIMULATION OF DYNAMIC SOIL-PILE GROUP INTERACTION	ASHLOCK, JERAMY CURTIS	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	011825-00001	Research	3/1/2014	2/28/2019	MAR. 2014	4202008
\$374,917	UNIVERSITY OF WISCONSIN MADISON	CIRTL NETWORK COMMONS: CONNECTING 22 RESEARCH UNIVERSITIES WITH MULTIFUNCTIONAL OPEN SOURCE SOFTWARE TO PREPARE A NATIONAL FACULTY TO ADVANCE STEM	BENDER, HOLLY S	SR VP AND PROVOST	CTR FOR EXCELLENCE IN LEARNING/TEACHING	011847-00001	Instruction	1/1/2014	12/31/2014	MAR. 2014	4001813
\$351,367	FLORIDA INTERNATIONAL UNIVERSITY	UNIVERSITY TRANSPORTATION CENTER FOR ACCELERATED BRIDGE CONSTRUCTION	PHARES, BRENT M	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	011904-00001	Research	3/18/2014	9/30/2017	MAR. 2014	4041735
\$349,981	UNIVERSAL TECHNOLOGY CORPORATION	DEVELOPMENT OF A UNIFIED PHYSICS-BASED MODEL OF THE CRACK HEATING MECHANISM IN VIBROTHERMOGRAPHY NONDESTRUCTIVE EVALUATION OF TURBINE ENGINE DISKS (VIBROTHERMOGRAPHY MODELING OF ENGINE DISKS)	HOLLAND, STEPHEN D	INSTITUTE FOR PHYSICAL RESEARCH & TECH	CENTER FOR NON-DESTRUCT EVALUATION	007208-00001	Research	11/20/2012	5/27/2015	MAR. 2014	4042506
\$293,912	NSF-NATIONAL SCIENCE FOUNDATION	GENOME REPATTERNING UNDERLYING THE CO-EVOLUTION OF	VALENZUELA-CASTRO, MARIA	COLLEGE OF LIBERAL ARTS & SCIENCES	ECOLOGY, EVOLUTION & ORG BIOLOGY	008247-00001	Research	4/1/2013	3/31/2016	MAR. 2014	4206123

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		DIPLOID NUMBER AND SEX DETERMINATION IN TURTLES									
\$238,884	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	THE IMPACT OF A POTENTIAL TRADE AGREEMENT BETWEEN THE EUROPEAN UNION AND THE UNITED STATES	BEGHIN, JOHN CHRISTOPHER	AG EXPERIMENT STATION	CENTER FOR AG & RURAL DEVELOPMENT	011828-00001	Research	3/1/2014	8/31/2015	MAR. 2014	4164064
\$237,756	NSF-NATIONAL SCIENCE FOUNDATION	IDBR: TYPE A: HIGH-THROUGHPUT, LARGE-SCALE PLANT PHENOTYPING PLATFORM	DONG, LIANG	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	011817-00001	Research	3/1/2014	2/28/2017	MAR. 2014	4206261
\$220,297	NSF-NATIONAL SCIENCE FOUNDATION	CLIMATE CHANGE AND ENVIRONMENTAL GENDER DETERMINATION IN A GEOGRAPHICALLY-WIDESPREAD SPECIES	JANZEN, FREDRIC J II	AG EXPERIMENT STATION	ECOLOGY, EVOLUTION & ORG BIOLOGY	008246-00001	Research	5/1/2013	4/30/2016	MAR. 2014	4204052
\$205,146	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	8/31/2015	MAR. 2014	4101702
\$205,100	PEW CHARITABLE TRUSTS	ECOSYSTEM-BASED FISHERIES MANAGEMENT IN THE GULF OF MEXICO REEF FISH COMPLEX	WENINGER, QUINN R A	AG EXPERIMENT STATION	ECONOMICS	011867-00001	Research	3/1/2014	2/29/2016	MAR. 2014	4004098
\$203,943	USDA-RURAL DEVELOPMENT (RD)	AGRICULTURAL MARKETING RESOURCE CENTER 2014-2015	HANSEN, RAYMOND SCOTT	UNIVERSITY & COOPERATIVE EXTENSION	VALUE ADD AG-EXTENSION	011876-00001	Public Service	7/1/2014	8/31/2015	MAR. 2014	4123015
\$193,204	BILL & MELINDA GATES FOUNDATION	REVIEW OF EXISTING SEED SECTOR-RELATED PROGRAMS IN AFRICAN UNIVERSITIES	MISRA, MANJIT KUMAR	AG EXPERIMENT STATION	SEED SCIENCE CENTER	011850-00001	Research	3/11/2014	8/31/2014	MAR. 2014	4004097

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\$182,200	UNIVERSAL TECHNOLOGY CORPORATION	MODELS FOR SIMULATING UT INSPECTION OF COMPLEX STRUCTURAL CONFIGURATIONS	GRAY, TIMOTHY A	INSTITUTE FOR PHYSICAL RESEARCH & TECH	CENTER FOR NON-DESTRUCT EVALUATION	005110-00001	Research	9/27/2012	6/30/2016	MAR. 2014	4042515
\$176,428	DOD-AIR FORCE RESEARCH LABORATORY (AFRL)	AUTOMATIC VETTING FOR MALICE IN ANDROID PLATFORMS	CHANG, JIEN MORRIS	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	011586-00001	Research	12/12/2013	12/11/2015	MAR. 2014	4212032
\$160,000	CRAY INC	VARIOUS PROJECTS IN HIGH PERFORMANCE COMPUTING	LUECKE, GLENN R	COLLEGE OF LIBERAL ARTS & SCIENCES	MATHEMATICS	011839-00001	Research	1/1/2014	12/31/2014	MAR. 2014	4002107
\$150,000	DOD-ARMY RESEARCH OFFICE (ARO)	ULTRA-HIGH THERMAL CONDUCTIVITY OF SPIDER SILK: PROTEIN FUNCTION STUDY WITH CONTROLLED STRUCTURE CHANGE AND COMPARISON	WANG, XINWEI	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	005566-00001	Research	7/1/2012	6/30/2015	MAR. 2014	4212052
\$150,000	UNIVERSITY OF MARYLAND	EMPIRICAL SEARCH FOR NEW SUPERCONDUCTORS	CANFIELD, PAUL CHRISTOPHE	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	006427-00001	Research	8/1/2009	7/31/2014	MAR. 2014	4042184
\$149,758	USDA-FARM SERVICE AGENCY (FSA)	ESTIMATING THE EFFECT OF THE CONSERVATION RESERVE PROGRAM (CRP) CONTOUR STRIPS	HARRIS, MARY ALICE	AG EXPERIMENT STATION	NATURAL RESOURCE ECOLOGY & MGMT	011855-00001	Research	9/30/2013	12/31/2015	MAR. 2014	4124008
\$146,067	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	MAR. 2014	4325743
\$135,000	KANSAS STATE UNIVERSITY	NATIONAL CENTER OF EXCELLENCE FOR ZOO NOTIC AND EMERGING ANIMAL DISEASES, EDUCATION AND OUTREACH	ROTH, JAMES ALLEN	COLLEGE OF VETERINARY MEDICINE	CTR FOR FOOD SECURITY & PUBLIC HEALTH	004365-00001	Public Service	7/1/2010	6/30/2014	MAR. 2014	4042314

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\$130,000	THE PEANUT FOUNDATION	THE PEANUT BREEDER'S TOOLBOX-PHASE II/RENEWAL PROPOSAL (2014)	DICKERSON, JULIE ANN	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	011815-00001	Research	1/31/2014	1/30/2015	MAR. 2014	4006090
\$129,506	IOWA DEPARTMENT OF TRANSPORTATION	BAYESIAN ANALYSIS OF TRAFFIC CRASH DATA USING HIERARCHICAL MODELS WITH A SPATIAL ERROR STRUCTURE	CARRIQUIRY, ALICIA LAURA	COLLEGE OF LIBERAL ARTS & SCIENCES	STATISTICS	008051-00001	Research	8/15/2004	12/31/2015	MAR. 2014	4742105
\$125,000	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: EPIGENETIC, TRANSCRIPTOMIC, AND BEHAVIORAL IMPACTS OF A MATERNAL SIGNAL DURING WASP CASTE DEVELOPMENT	TOTH, AMY LYNN	AG EXPERIMENT STATION	ECOLOGY, EVOLUTION & ORG BIOLOGY	007642-00001	Research	1/2/2012	3/31/2015	MAR. 2014	4204096
\$123,637	NSF-NATIONAL SCIENCE FOUNDATION	MOLECULAR PROGRAMMING: BOTTOM-UP FABRICATION OF MULTI-ELEMENT COMPOUNDS WITH PRECISELY-DEFINED STRUCTURE AND COMPOSITION	VELA-BECERRA, JAVIER	INSTITUTE FOR PHYSICAL RESEARCH & TECH	CENTER FOR CATALYSIS	008284-00001	Research	6/1/2013	5/31/2016	MAR. 2014	4202564
\$122,000	NSF-NATIONAL SCIENCE FOUNDATION	ATOMIC ENGINEERING OF CONJUGATED POLYMERS FOR HIGH PERFORMANCE PHOTOVOLTAIC CELLS	JEFFRIES-EL, MALIKA	COLLEGE OF LIBERAL ARTS & SCIENCES	CHEMISTRY	011896-00001	Research	5/1/2014	4/30/2017	MAR. 2014	4202124
\$121,160	SENECA PETROLEUM	DEVELOPMENT OF A STABILIZER/COMPATIBILIZER FOR ASPHALT WITH POLY (ACRYLATED GLYCEROL)-PHASE II	COCHRAN, ERIC W	COLLEGE OF ENGINEERING	CHEMICAL & BIOLOGICAL ENGR	011859-00001	Research	11/1/2013	1/31/2014	MAR. 2014	4006092
\$116,697	USDA-NATIONAL	TRANSGENIC	BHATTACHARYYA,	AG	AGRONOMY	007144-00001	Research	1/1/2013	12/31/2014	MAR.	4164096

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	INSTITUTE OF FOOD & AGRICULTURE (NIFA)	APPROACHES IN MANAGING SUDDEN DEATH SYNDROME IN SOYBEAN	MADAN KUMA	EXPERIMENT STATION						2014	
\$108,750	KANSAS STATE UNIVERSITY	EVALUATION AND TRANSLATION OF POINT OF NEED MOLECULAR DIAGNOSTICS FOR TRANSBOUNDARY, EMERGING AND ZOO NOTIC INFECTIOUS AGENTS	TRUJILLO, JESSIE	VP FOR RESEARCH	CTR ADV HOST DEFENSES IMMUN TRANSLAT COM	011870-00001	Research	7/1/2013	6/30/2014	MAR. 2014	4041734
\$104,407	USDA-FOREIGN AGRICULTURAL SERVICE (FAS)	STANDARDIZATION OF SEED HEALTH TESTS TO FACILITATE SEED EXPORTS THROUGH THE NATIONAL SEED HEALTH SYSTEM	MUNKVOLD, GARY PHILLIP	AG EXPERIMENT STATION	SEED SCIENCE CENTER	007602-00001	Research	6/12/2011	7/31/2014	MAR. 2014	4124033
\$100,000	IOWA DEPARTMENT OF TRANSPORTATION	NEXT GENERATION CP ROAD MAP	CAKLER, ELLS THOMAS	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	011143-00001	Research	9/15/2013	12/31/2014	MAR. 2014	4741714
\$100,000	PORTLAND CEMENT ASSOCIATION	MANAGEMENT OF THE NATIONAL CONCRETE PAVEMENT TECHNOLOGY CENTER	CAKLER, ELLS THOMAS	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	011654-00001	Research	1/1/2014	12/31/2014	MAR. 2014	4001732
\$100,000	IOWA DEPARTMENT OF TRANSPORTATION	VISSIM CALIBRATION FOR URBAN FREEWAY MERGE	DONG, JING	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	011824-00001	Research	3/1/2014	10/31/2015	MAR. 2014	4741737
\$99,523	COOPER INSTITUTE	TEXAS FITNESSGRAM EVALUATION	WELK, GREGORY	COLLEGE OF HUMAN SCIENCES	KINESIOLOGY	011906-00001	Research	1/1/2014	12/30/2015	MAR. 2014	4002830
\$92,335	DOI-U.S. GEOLOGICAL SURVEY (USGS)	IOWA WATER CENTER ANNUAL BASE PROGRAM 104(B)	CRUSE, RICHARD M	VP FOR RESEARCH	IOWA WATER CENTER	007056-00001	Research	3/1/2011	2/28/2015	MAR. 2014	4241704
\$90,000	PRATT & WHITNEY - A DIVISION OF	VALIDATION AND IMPLEMENTATION READINESS FOR GRAIN	ROBERTS, RONALD ALLEN	COLLEGE OF ENGINEERING	ENGINEERING RESEARCH INSTITUTE	011822-00001	Research	1/1/2014	12/20/2014	MAR. 2014	4006091

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	UNITED TECHNOLOGIES CORPORATION	SIZE MONITORING TOOLS									
\$89,595	UNIVERSITY OF MICHIGAN	A FRAMEWORK FOR TURBULENCE MODELING USING BIG DATA	DURBIN, PAUL	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	011804-00001	Research	1/1/2014	12/31/2014	MAR. 2014	4046035
\$86,086	DOD-OFFICE OF NAVAL RESEARCH (ONR)	FUNCTIONAL PROTEIN STRUCTURES IN SPIDER SILK FOR ULTRA-HIGH AND THERMAL CONDUCTIVITY AND EXCEPTIONAL THERMAL TUNABILITY	WANG, XINWEI	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	006080-00001	Research	4/1/2012	3/31/2015	MAR. 2014	4212047
\$81,753	HIGH PERFORMANCE TECHNOLOGIES INC (HPTI)	DEVELOPMENT AND IMPLEMENTATION OF MULTI-LEVEL PARALLEL COUPLED CLUSTER METHODS	GORDON, MARK STEPHEN	COLLEGE OF LIBERAL ARTS & SCIENCES	CHEMISTRY	011886-00001	Research	3/5/2014	8/31/2014	MAR. 2014	4042117
\$80,039	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: NEW TOPICS IN FUNCTIONAL DATA ANALYSIS	LI, YEHUA	COLLEGE OF LIBERAL ARTS & SCIENCES	STATISTICS	004644-00001	Research	8/3/2012	5/31/2017	MAR. 2014	4202178
\$79,920	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: PLANT-IN-A-CHIP SYSTEM FOR SENSING AND MODULATING ROOT-PATHOGEN INTERACTIONS	PANDEY, SANTOSH	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	005046-00001	Research	5/15/2012	4/30/2017	MAR. 2014	4206207
\$75,475	IOWA HOMELAND SECURITY & EMERGENCY MANAGEMENT DIVISION	ISU VET MED CHILD CARE CENTER SAFE ROOM	MADDEN, WARREN R	VICE PRESIDENT FOR BUSINESS & FINANCE	VICE PRESIDENT FOR BUSINESS & FINANCE	006676-00001	Institutional Support	1/25/2012	7/15/2015	MAR. 2014	4781216
\$72,035	ENTERA HEALTH INC	EVALUATION OF SBI USING THE ASF GNOTOBIOTIC MOUSE MODEL OF COLITIS	WANNEMUEHLER, MICHAEL	COLLEGE OF VETERINARY MEDICINE	VETERINARY MICROBIOLOGY & PREV MEDICINE	011866-00001	Research	3/1/2014	2/28/2015	MAR. 2014	4002335

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\$66,141	POLLINATOR PARTNERSHIP	USE BY HONEY BEES OF FLOWERING RESOURCES IN AND AROUND CORN FIELDS, YEAR 2	HARRIS, MARY ALICE	AG EXPERIMENT STATION	NATURAL RESOURCE ECOLOGY & MGMT	011877-00001	Research	3/14/2014	11/30/2014	MAR. 2014	4004365
\$65,250	TEXAS A&M UNIVERSITY-TEXAS AGRILIFE RESEARCH	CORRELATION OF SURROGATE BACTERIA AND SALMONELLAE FOR VALIDATION OF SPICE/HERB PATHOGEN REDUCTION PROCESSES	DICKSON, JAMES S	AG EXPERIMENT STATION	ANIMAL SCIENCE	011837-00001	Research	10/1/2013	10/31/2015	MAR. 2014	4004076
\$60,552	APC INC	INFECTIVITY OF PEDV IN COMMERCIAL SPRAY-DRIED PLASMA	OPRIESSNIG, TANJA I	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	011874-00001	Research	3/17/2014	3/16/2015	MAR. 2014	4002338
\$58,865	CERES TRUST	IMPROVING ORGANIC NO-TILL SYSTEMS FOR ENHANCED SOIL QUALITY AND WEED MANAGEMENT IN ORGANIC VEGETABLE AND GRAIN/FORAGE SYSTEMS	DELATE, KATHLEEN	AG EXPERIMENT STATION	HORTICULTURE	007732-00001	Research	1/1/2013	12/31/2015	MAR. 2014	4004215
\$57,546	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	ADVANCED ENTRY GUIDANCE ALGORITHM TESTING	LU, PING	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	010640-00001	Research	6/15/2013	12/31/2014	MAR. 2014	4222012
\$55,286	INVINCI SAFETY SYSTEMS LLC	THE REDESIGN OF A COMPOSITE HELMET: OPOS A PRAL TO US-RODEO SUPPLY	DAYAL, VINAY	INSTITUTE FOR PHYSICAL RESEARCH & TECH	IPRT COMPANY ASSISTANCE CONTRACT RESEARC	011823-00001	Research	1/1/2014	6/30/2015	MAR. 2014	4002550
\$50,000	RESEAU DE TRANSPORT D'ELECTRICITE	RESEAU DE TRANSPORT D'ELECTRICITE EPRC SUPPORT	CHRISTY, COLIN	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	005511-00001	Research	1/1/2006	12/31/2014	MAR. 2014	4002063
\$50,000	USDA-NATIONAL INSTITUTE OF FOOD &	CLIMATE CHANGE, MITIGATION, AND ADAPTATION IN CORN	MORTON, LOIS WRIGHT	AG EXPERIMENT STATION	SOCIOLOGY	007554-00001	Research	3/1/2011	2/28/2015	MAR. 2014	4164063



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	AGRICULTURE (NIFA)	BASED CROPPING SYSTEMS									
\$50,000	WAVE TECH LLC	ENHANCING PHOTOBIOREACTOR PERFORMANCE FOR ALGAL CULTIVATION THROUGH A NOVEL NANO-SCALE THIN FILM MATERIALS	WEN, ZHIYOU	AG EXPERIMENT STATION	FOOD SCIENCE & HUMAN NUTRITION	011857-00001	Research	1/1/2014	6/30/2014	MAR. 2014	4044065
\$41,178	FUNDERS NETWORK FOR SMART GROWTH AND LIVABLE COMMUNITIES	PPREP CURRICULUM DEVELOPMENT CONSULTANT PROPOSAL	TOOTLE, DEBORAH MARIE	UNIVERSITY & COOPERATIVE EXTENSION	COMMUNITIES-EXTENSION	011849-00001	Public Service	2/27/2014	4/30/2016	MAR. 2014	4003358
\$40,000	ARIZONA STATE UNIVERSITY	A FRAMEWORK FOR TRANSMISSION PLANNING UNDER UNCERTAINTY	WANG, LIZHI	COLLEGE OF ENGINEERING	INDUSTRIAL & MANUFACTURING SYSTEMS ENGR	011055-00001	Research	6/1/2013	8/30/2015	MAR. 2014	4006093
\$39,154	PRATT & WHITNEY - A DIVISION OF UNITED TECHNOLOGIES CORPORATION	IMPROVEMENTS TO ULTRASOUND GRAIN BOUNDARY DETECTION	ROBERTS, RONALD ALLEN	COLLEGE OF ENGINEERING	ENGINEERING RESEARCH INSTITUTE	011845-00001	Research	2/1/2014	8/31/2014	MAR. 2014	4046036
\$38,556	IOWA DEPARTMENT OF NATURAL RESOURCES	HYDROLOGIC IMPACTS OF MICROWETLANDS IN THE DES MOINES LOBE	KALEITA-FORBES, AMY LEIGH	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	011842-00001	Research	2/19/2014	1/20/2015	MAR. 2014	4734051
\$35,000	ARIZONA STATE UNIVERSITY	CONSTRAINT RELAXATIONS: ANALYZING THE IMPACT ON SYSTEM RELIABILITY, DYNAMICS, AND MARKETS	MCCALLEY, JAMES D	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	010641-00001	Research	6/1/2013	8/31/2015	MAR. 2014	4006013
\$35,000	UNITED TECHNOLOGIES RESEARCH CENTER	CENTER FOR NDE MEMBERSHIP	BOND, LEONARD J	INSTITUTE FOR PHYSICAL RESEARCH &	CENTER FOR NON-DESTRUCT EVALUATION	011869-00001	Research	3/10/2014	3/9/2015	MAR. 2014	

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\$30,000	IOWA DEPARTMENT OF TRANSPORTATION	INVESTIGATION OF DETERIORATION OF JOINTS IN CONCRETE PAVEMENTS	TAYLOR, PETER C	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	007643-00001	Research	11/1/2009	6/30/2015	MAR. 2014	4741740
\$30,000	X-WAVE INNOVATIONS INC	COMPOSITE NONDESTRUCTIVE EVALUATION (NDE) STANDARDS FOR MULTIPLE EQUIPMENT CALIBRATION	BOWLER, NICOLA	INSTITUTE FOR PHYSICAL RESEARCH & TECH	CENTER FOR NON-DESTRUCT EVALUATION	011856-00001	Research	2/25/2014	11/9/2014	MAR. 2014	4042517
\$29,635	NORTH DAKOTA SKY	IRON ABSORPTION FROM AN IRON-RICH SUPPLEMENT (IRS) IN HUMANS AND RATS	REDDY, MANJU B	COLLEGE OF HUMAN SCIENCES	FOOD SCIENCE & HUMAN NUTRITION	011883-00001	Research	4/1/2014	3/31/2015	MAR. 2014	4002857
\$28,800	PRATT & WHITNEY - A DIVISION OF UNITED TECHNOLOGIES CORPORATION	ELLIPTICAL APERTURE, BICYLINDRICALLY FOCUSED TRANSDUCER CHARACTERIZATION	GRAY, TIMOTHY A	COLLEGE OF ENGINEERING	ENGINEERING RESEARCH INSTITUTE	011814-00001	Research	1/1/2014	12/24/2014	MAR. 2014	4006089
\$25,000	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	INTEGRATED MANAGEMENT OF OOMYCETE DISEASES OF SOYBEAN AND OTHER CROP PLANTS	ROBERTSON, ALISON E	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	006464-00001	Research	4/1/2011	3/31/2015	MAR. 2014	4103906
\$21,272	BODYMEDIA INC	EVALUATION OF BODYMEDIA PATCH AND CORE2 MONITOR-SUPPLEMENTAL-PROJECT 2	WELK, GREGORY	COLLEGE OF HUMAN SCIENCES	KINESIOLOGY	011827-00001	Research	1/1/2014	6/30/2014	MAR. 2014	4002868
\$21,000	UNIVERSITY OF MINNESOTA TWIN CITIES	FEASIBILITY OF ULTRASOUND INTO HTST FOR EXTENDED SHELF LIFE MILK	CLARK, STEPHANIE	COLLEGE OF HUMAN SCIENCES	FOOD SCIENCE & HUMAN NUTRITION-HS	008229-00001	Research	10/1/2012	12/31/2014	MAR. 2014	4102808
\$19,973	CORPORATION FOR PUBLIC BROADCASTING	FY 2014 COMMUNITY SERVICE GRANT	CAIN, PAMELA ELLIOTT	VICE PRESIDENT FOR	WOI RADIO	011489-00001	Public Service	10/1/2013	9/30/2015	MAR. 2014	4001201

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Calendar Year: 2014  
Month: Mar

Award Count: 94  
Award Total: \$23,350,833

Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
				BUSINESS & FINANCE							
\$18,000	NSF-NATIONAL SCIENCE FOUNDATION	CREATIV: ROBUST MOLECULAR PROGRAMMING: ADVANCES IN THE DESIGN AND VERIFICATION OF RELIABLE SELF-ASSEMBLING NANOSYSTEMS	LUTZ, JACK HAROLD	COLLEGE OF LIBERAL ARTS & SCIENCES	COMPUTER SCIENCE	006136-00001	Research	10/1/2012	9/30/2015	MAR. 2014	4202159
\$16,875	IOWA LAKES COMMUNITY COLLEGE	GRADUATE ASSISTANTSHIP AT ILCC-AMENDMENT 1	EBBERS, LARRY H	COLLEGE OF HUMAN SCIENCES	SCHOOL OF EDUCATION	004530-00001	Public Service	1/5/2012	6/15/2014	MAR. 2014	4002811
\$16,000	LYON COUNTY AGRICULTURAL EXTENSION DISTRICT	RISING STAR INTERNSHIP PROGRAM- REGION 1	HERONEMUS, CHERYL	UNIVERSITY & COOPERATIVE EXTENSION	VP EXTENSION & OUTREACH	011897-00001	Public Service	5/1/2014	10/1/2016	MAR. 2014	
\$15,782	UNIVERSITY OF MINNESOTA TWIN CITIES	APPLICATION AND EVALUATION OF MODIFIED MILK PROTEIN CONCENTRATES IN HIGH PROTEIN NUTRITION BARS	LAMSAL, BUDDHI P	AG EXPERIMENT STATION	FOOD SCIENCE & HUMAN NUTRITION	011239-00001	Research	8/1/2013	7/31/2015	MAR. 2014	4004014
\$15,000	ARIZONA STATE UNIVERSITY	POWER SYSTEMS ENGINEERING RESEARCH CENTER (PSERC) ADMINISTRATIVE FUND, I/UCRC	AJJARAPU, VENKATARAMANA	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	007576-00001	Research	8/16/2010	3/31/2015	MAR. 2014	4002012
\$15,000	KOCH AGRONOMIC SERVICES LLC	EVALUATION OF FERTILIZER PRODUCTS AND ADDITIVES FOR ENHANCED NITROGEN EFFICIENCY IN CORN	BARKER, DANIEL W	AG EXPERIMENT STATION	AGRONOMY	011816-00001	Research	3/15/2014	3/15/2015	MAR. 2014	4004073
\$15,000	COMMUNITY FOUNDATION OF GREATER	NORTHEAST IOWA FOOD AND FITNESS INITIATIVE	BREGENDAHL, CORENE M	AG EXPERIMENT STATION	LEOPOLD CENTER	011851-00001	Public Service	11/1/2013	10/31/2014	MAR. 2014	4004089

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	DUBUQUE	EVALUATION PROPOSAL YEAR 5									
\$12,362	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	MAR. 2014	4325742
\$11,440	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	MAR. 2014	4204074
\$11,000	MARRONE BIO INNOVATIONS	NON-CONFIDENTIAL FIELD TRIALS	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	011818-00001	Research	3/1/2014	7/31/2014	MAR. 2014	
\$10,000	DES MOINES COUNTY AGRICULTURAL EXTENSION DISTRICT	RISING STAR INTERNSHIP PROGRAM	DODDS, ROBERT EUGENE	UNIVERSITY & COOPERATIVE EXTENSION	VP EXTENSION & OUTREACH	011899-00001	Public Service	5/1/2014	10/1/2016	MAR. 2014	
\$9,587	AMERICAN JERSEY CATTLE ASSOCIATION	INVESTIGATION OF SURFACE BODY TEMPERATURE AS AN INDICATOR OF FEED EFFICIENCY IN JERSEY CATTLE	SPURLOCK, DIANE MOODY	AG EXPERIMENT STATION	ANIMAL SCIENCE	011901-00001	Research	4/1/2014	3/31/2015	MAR. 2014	4594032
\$8,500	NATIONAL WILDLIFE FEDERATION	QUANTIFYING NITROGEN SCAVENGING BENEFITS OF NON-TRADITIONAL FALL PLANTED COVER CROPS TO MITIGATE NITROGEN MOVEMENT INTO THE MISSISSIPPI RIVER BASIN	NAIR, AJAY	AG EXPERIMENT STATION	HORTICULTURE	011908-00001	Research	1/1/2014	11/30/2014	MAR. 2014	4004099
\$8,000	USDA-NATIONAL	GENOMICS FOR	LAMONT, SUSAN	AG	ANIMAL SCIENCE	004959-00001	Scholarships	1/1/2011	12/31/2015	MAR.	4164102

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	INSTITUTE OF FOOD & AGRICULTURE (NIFA)	RESISTANCE TO DISEASE IN ANIMALS: AN INTEGRATED EDUCATIONAL APPROACH	J	EXPERIMENT STATION			& Fellowships			2014	
\$7,500	UNIVERSITY OF MINNESOTA TWIN CITIES	ASSESSMENT OF CONSUMER PERCEPTIONS, PREFERENCES AND BEHAVIORS WITH FLUID MILK USING EXPERIMENTAL AUCTIONS-ANALYSIS OF DATA	CLARK, STEPHANIE	COLLEGE OF HUMAN SCIENCES	FOOD SCIENCE & HUMAN NUTRITION	011836-00001	Research	2/1/2014	6/30/2014	MAR. 2014	4002823
\$5,000	DUKE UNIVERSITY	AFFECTIVE RESPONSES TO EXERCISE, EVALUATIONS, AND FORECASTS	EKKEKAKIS, PANTELEIMON	COLLEGE OF HUMAN SCIENCES	KINESIOLOGY	011831-00001	Research	1/1/2014	12/31/2014	MAR. 2014	4002821
\$4,991	IOWA ACADEMY OF SCIENCE	BARCODING THE CUP FUNGI OF IOWA	CLARK, LYNN G	COLLEGE OF LIBERAL ARTS & SCIENCES	ECOLOGY, EVOLUTION & ORG BIOLOGY	011840-00001	Research	7/1/2013	6/30/2014	MAR. 2014	4752105
\$4,500	IOWA DEPARTMENT OF HUMAN SERVICES	HOTLINE SERVICES FOR CLIENTS AFFECTED BY A DATA BREACH	VANGINKEL, MARGARET E	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN SCIENCES EXTENSION AND OUTREACH	011854-00001	Public Service	3/10/2014	6/30/2014	MAR. 2014	4703038
\$3,745	UNIVERSITY OF CALIFORNIA DAVIS	ANALGESIC EFFECTS OF GABAPENTIN IN GERIATRIC CATS	ZAFFARANO, BIANCA A	COLLEGE OF VETERINARY MEDICINE	VET CLINICAL SCIENCES	011907-00001	Research	11/1/2013	3/31/2015	MAR. 2014	4002345
\$1,000	HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES LLC	SKIN EFFECTS ON THE PROPERTIES OF RTV BLOWN FOAM	MARTIN, MICHAEL E	COLLEGE OF ENGINEERING	MATERIALS SCIENCE & ENGINEERING	011860-00001	Instruction	1/13/2014	5/9/2014	MAR. 2014	4046037
\$529	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	HIGH-SPEED IMAGING OF MULTIPHASE FLOWS FOR ROCKET PROPULSION	MEYER, TERRENCE	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	010635-00001	Research	6/12/2013	9/30/2014	MAR. 2014	4222011