

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

Calendar Year: 2013
Month: Sep

Award Count: 179
Award Total: \$43,971,199

Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
\$10,957,981	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	SEPT. 2013	4325743
\$6,671,946	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	SEPT. 2013	4012501
\$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 & ECON DEVELOPMENT	BIOECONOMY INSTITUTE	007560-00001	Research	9/1/2011	8/31/2016	SEPT. 2013	4201708
\$1,281,293	NIH-NATL INST OF ALLERGY & INFECTIOUS DISEASES (NIAID)	ENHANCING B CELL IMMUNITY AGAINST HIV-1 USING NOVEL VACCINE DELIVERY PLATFORMS	CHO, MICHAEL	COLLEGE OF VETERINARY MEDICINE	BIOMEDICAL SCIENCES	007514-00001	Research	8/1/2010	7/31/2015	SEPT. 2013	4302305
\$1,000,000	NSF-NATIONAL SCIENCE FOUNDATION	CYBERSEES: TYPE2: IN-SITU, WIRELESS, ENERGY-HARVESTING SOIL MOISTURE/NUTRIENT SENSORS FOR MANAGING AGRICULTURAL RESOURCES & ENVIRONMENTAL IMPACT	KUMAR, RATNESH	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	011142-00001	Research	9/15/2013	8/31/2017	SEPT. 2013	4206256
\$872,474	NSF-NATIONAL SCIENCE FOUNDATION	CPS: SYNERGY: COLLABORATIVE RESEARCH: A UNIFIED SYSTEM THEORETIC FRAMEWORK FOR CYBER ATTACK-RESILIENT POWER GRID	VAIDYA, UMESH	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	011037-00001	Research	10/1/2013	9/30/2016	SEPT. 2013	4206253
\$583,247	NIH-NATIONAL	RURAL YOUTH AND	SPOTH, RICHARD	VP FOR	PARTNERSHIPS IN	006429-00001	Research	9/30/2009	8/31/2014	SEPT.	4301705

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	INSTITUTE ON DRUG ABUSE (NIDA)	FAMILY COMPETENCIES BUILDING PROJECT	LEE	RESEARCH & ECON DEVELOPMENT	PREVENTION SCIENCE INST					2013	
\$564,363	UNIVERSITY OF DELAWARE	GEPR: GENETIC AND HISTOPATHOLOGICAL DISSECTION OF PHENOTYPIC VARIATION IN QUANTITATIVE RESISTANCE TO MAIZE DISEASES	CARRIQUIRY, ALICIA LAURA	COLLEGE OF LIBERAL ARTS & SCIENCES	STATISTICS	004998-00001	Research	9/15/2011	8/31/2015	SEPT. 2013	4042122
\$500,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	ADVANCING NEXT-GENERATION BIOPRODUCTION WITH INTEGRATED CORN/SOYBEAN BIOREFINERIES	ROSENTRATER, KURT A	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	010997-00001	Research	9/1/2013	8/31/2016	SEPT. 2013	4164545
\$499,999	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	ENHANCING HOST GENETIC RESISTANCE TO BOVINE RESPIRATORY DISEASE COMPLEX	REECY, JAMES M	AG EXPERIMENT STATION	ANIMAL SCIENCE	011104-00001	Research	9/1/2013	8/31/2016	SEPT. 2013	4164012
\$499,990	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	DEVELOPMENT OF SYSTEMS INFORMATICS TOOLS TO ACCELERATE LIVESTOCK GENOMICS	REECY, JAMES M	AG EXPERIMENT STATION	ANIMAL SCIENCE	011139-00001	Research	9/1/2013	8/31/2016	SEPT. 2013	4164016
\$488,500	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	DENITRIFICATION WITHIN SATURATED RIPARIAN BUFFERS RE-DESIGNED TO REMOVE NITRATE FROM ARTIFICIAL SUBSURFACE DRAINAGE	ISENHART, THOMAS M	AG EXPERIMENT STATION	NATURAL RESOURCE ECOLOGY & MGMT	011078-00001	Research	9/1/2013	8/31/2016	SEPT. 2013	4164006
\$480,600	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE	PROCESSES CONTROLLING THE SOURCE, MOVEMENT,	SCHULTZ, RICHARD CARL	AG EXPERIMENT STATION	NATURAL RESOURCE ECOLOGY & MGMT	011166-00001	Research	9/1/2013	8/31/2016	SEPT. 2013	4164021

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	(NIFA)	AND RELEASE OF SOIL PHOSPHORUS IN MIDWESTERN STREAMS FROM PASTURE AND CROP LAND									
\$470,000	DUPONT	HARVEST AND QUALITY ASSESSMENT OF INDUSTRIAL SCALE BIOMASS, PHASE 2	DARR, MATTHEW JOHN	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	011093-00001	Research	7/1/2013	6/30/2014	SEPT. 2013	4004007
\$462,751	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	3/11/2014	SEPT. 2013	4212056
\$424,846	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	MITIGATING RISKS OF FOODBORNE ILLNESS ASSOCIATED WITH HANDLING LEAFY GREENS IN RETAIL FOODSERVICE ESTABLISHMENTS SERVING AGING POPULATIONS	WOHLSDORF-ARENDT, SUSAN	COLLEGE OF HUMAN SCIENCES	APPAREL, EVENTS & HOSPITALITY MGMT	011135-00001	Research	9/1/2013	8/31/2015	SEPT. 2013	4162802
\$403,924	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: EVIDENCE-BASED PEDAGOGY IN ENGINEERING EDUCATION: DESIGN HEURISTICS FOR CONCEPT GENERATION	YILMAZ, SEDA	INSTITUTE FOR PHYSICAL RESEARCH & TECH	VIRTUAL REALITY APPLICATIONS CENTER	010996-00001	Research	9/15/2013	8/31/2016	SEPT. 2013	4202507
\$400,000	HOWARD HUGHES MEDICAL INSTITUTE	ENGAGING YOUNG SCIENTISTS DURING THEIR FIRST TWO YEARS AT COLLEGE	OGILVIE, CRAIG A	COLLEGE OF HUMAN SCIENCES	SCHOOL OF EDUCATION	006460-00001	Instruction	9/1/2010	8/31/2014	SEPT. 2013	4002815
\$400,000	DHS-U.S.	ARI-MA:	RAJAN, KRISHNA	COLLEGE OF	MATERIALS	007012-00001	Research	9/1/2010	8/31/2014	SEPT.	4282001

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	DEPARTMENT OF HOMELAND SECURITY	INFORMATICS AIDED DESIGN OF INORGANIC SCINTILLATOR MATERIALS		ENGINEERING	SCIENCE & ENGINEERING					2013	
\$380,000	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: I/UCRC: CENTER FOR ARTHROPOD MANAGEMENT TECHNOLOGIES (CAMTECH)	BONNING, BRYONY C	AG EXPERIMENT STATION	ENTOMOLOGY	010785-00001	Research	8/1/2013	7/31/2018	SEPT. 2013	4204108
\$354,111	NIH-NATL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES (NIEHS)	ROLE OF PRION PROTEIN IN MANGANESE NEUROTOXICITY	KANTHASAMY, ANUMANTHA G	VP FOR RESEARCH & ECON DEVELOPMENT	ICAN (IA CTR FOR ADV NEUROTOX)	006008-00001	Research	2/20/2012	5/31/2014	SEPT. 2013	4301722
\$329,102	IOWA COMMISSION ON VOLUNTEER SERVICE	IOWA AMERICORPS 4-H OUTREACH PROGRAM	TALLMAN, KELI M	UNIVERSITY & COOPERATIVE EXTENSION	EXTENSION TO YOUTH & 4H	010979-00001	Public Service	9/1/2013	8/31/2014	SEPT. 2013	4783011
\$318,579	NIH-NATL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES (NIEHS)	ROLE OF PRION PROTEIN IN MANGANESE NEUROTOXICITY	KANTHASAMY, ANUMANTHA G	VP FOR RESEARCH & ECON DEVELOPMENT	ICAN (IA CTR FOR ADV NEUROTOX)	006462-00001	Research	7/9/2010	5/31/2014	SEPT. 2013	4301718
\$302,000	USDA-NATIONAL AGRICULTURAL STATISTICS SERVICE (NASS)	NEW APPROACHES FOR AREA FRAME DEVELOPMENT, AREA SAMPLE DESIGN, AND GEOSPATIAL DATA COLLECTION	NUSSER, SARAH MARGARET	VP FOR RESEARCH & ECON DEVELOPMENT	SURVEY & BEHAVIORAL RESEARCH SVCS	005001-00001	Research	3/1/2011	9/30/2015	SEPT. 2013	4121721
\$298,686	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	PRACTICAL IMPACT OF FOOD ENVIRONMENT EXPOSURE ON CAPTURE, SEPARATION, CONCENTRATION AND DETECTION OF SALMONELLA IN COMPLEX FOODS	BREHM-STECHER, BYRON F	COLLEGE OF HUMAN SCIENCES	FOOD SCIENCE & HUMAN NUTRITION-HS	011137-00001	Research	9/1/2013	8/31/2015	SEPT. 2013	4162805

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\$272,039	NIH-NATL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	HIERARCHICAL MODELING AND PARALLELIZED BAYESIAN INFERENCE FOR THE ANALYSIS OF RNASEQ DATA	NETTLETON, DANIEL S	COLLEGE OF LIBERAL ARTS & SCIENCES	STATISTICS	011005-00001	Research	9/1/2013	5/31/2014	SEPT. 2013	4302106
\$269,696	NIH-NATL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	METAL ION EXPORT IN BACTERIA	YU, EDWARD WA-ON	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	004393-00001	Research	7/1/2010	6/30/2014	SEPT. 2013	4302118
\$266,475	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	DELIVERY OF THE EMERGING AND EXOTIC DISEASES OF ANIMAL COURSE FOR INITIAL ACCREDITATION	ROTH, JAMES ALLEN	COLLEGE OF VETERINARY MEDICINE	CTR FOR FOOD SECURITY & PUBLIC HEALTH	011025-00001	Public Service	9/5/2013	9/4/2014	SEPT. 2013	4120506
\$261,193	NIH-NATL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	IN VITRO AND IN VIVO SIGNALING MECHANISMS OF ENDOTHELIAL TUBE FORMATION	ESSNER, JEFFREY JEROME	AG EXPERIMENT STATION	GENETICS DEVELOPMENT & CELL BIOLOGY	007014-00001	Research	9/1/2011	8/31/2016	SEPT. 2013	4304603
\$249,997	NSF-NATIONAL SCIENCE FOUNDATION	FRACTIONAL IMPUTATION FOR INCOMPLETE DATA ANALYSIS	KIM, JAE-KWANG	VP FOR RESEARCH & ECON DEVELOPMENT	CTR FOR SURVEY STATISTICS & METHODOLOGY	011056-00001	Research	9/15/2013	8/31/2016	SEPT. 2013	4201713
\$240,000	NSF-NATIONAL SCIENCE FOUNDATION	CHARACTERIZING MULTICOMPONENT VAPORIZATION OF PETROLEUM-BIOFUEL DROPS AT HIGH-PRESSURE ENVIRONMENTS	KONG, SONG-CHARNG	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	011068-00001	Research	9/15/2013	8/31/2016	SEPT. 2013	4206254
\$225,185	NSF-NATIONAL SCIENCE FOUNDATION	RECOVERY OF HIGH FREQUENCY WAVE FIELDS, KINETIC THEORY OF PHOTONS AND ENTROPY SATISFYING METHODS	LIU, HAILIANG	COLLEGE OF LIBERAL ARTS & SCIENCES	MATHEMATICS	010983-00001	Research	9/1/2013	8/31/2016	SEPT. 2013	4202102

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\$218,400	IOWA SOYBEAN ASSOCIATION	BREEDING GENERAL-USE AND SPECIALTY SOYBEAN VARIETIES FOR IOWA	FEHR, WALTER R	AG EXPERIMENT STATION	AGRONOMY	011112-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4504418
\$216,000	IOWA SOYBEAN ASSOCIATION	BREEDING SOYBEAN FOR DISEASES, PESTS AND ABIOTIC STRESS RESISTANCE	CIANZIO, SILVIA R	AG EXPERIMENT STATION	AGRONOMY	010992-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4504408
\$213,702	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	RISKS FROM FIELD-EVOLVED RESISTANCE TO BT CORN BY WESTERN ROOTWORM	GASSMANN, AARON JOHN	AG EXPERIMENT STATION	ENTOMOLOGY	007160-00001	Research	9/1/2012	8/31/2015	SEPT. 2013	4164034
\$200,678	NIH-NATIONAL INSTITUTES OF HEALTH	STATISTICAL METHODS FOR IMPROVED ACTIVATION DETECTION IN FMRI STUDIES	MAITRA, RANJAN	COLLEGE OF LIBERAL ARTS & SCIENCES	STATISTICS	011052-00001	Research	8/1/2013	7/31/2014	SEPT. 2013	4302121
\$199,995	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	SEPT. 2013	4206225
\$199,918	NATIONAL PORK BOARD	DEVELOPMENT OF ON-FARM PRRSV SURVEILLANCE GUIDELINES FOR THE MODERN PORK INDUSTRY	ZIMMERMAN, JEFFREY J	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	011101-00001	Research	12/1/2013	11/30/2015	SEPT. 2013	4532316
\$195,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	IOWA STATE UNIVERSITY INTEGRATED PEST MANAGEMENT	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	011165-00001	Public Service	9/1/2013	8/31/2014	SEPT. 2013	4163029
\$182,500	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH-NSF-CDMR: INFORMATICS GUIDED DATA DRIVEN COMPUTATIONAL DESIGN OF	RAJAN, KRISHNA	COLLEGE OF ENGINEERING	MATERIALS SCIENCE & ENGINEERING	011019-00001	Research	9/1/2013	8/31/2016	SEPT. 2013	4206252

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		MULTIFUNCTIONAL MATERIALS									
\$181,513	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: ENHANCING COMPARATIVE ASSESSMENT FOR CHEMISTRY WITH OR WITHOUT STANDARDIZED TESTING	HOLME, THOMAS	COLLEGE OF LIBERAL ARTS & SCIENCES	CHEMISTRY	010994-00001	Research	9/15/2013	8/31/2015	SEPT. 2013	4202103
\$178,701	DOT-FEDERAL AVIATION ADMINISTRATION (FAA)	PROJECT NO. 1: HEATED AIRPORT PAVEMENTS	CEYLAN, HALIL	COLLEGE OF ENGINEERING	ENGINEERING RESEARCH INSTITUTE	010937-00001	Research	8/14/2013	6/30/2015	SEPT. 2013	4362008
\$174,855	NSF-NATIONAL SCIENCE FOUNDATION	USING ELECTRONIC ASSESSMENTS TO INFORM STUDENT LEARNING AND INSTRUCTION IN INTRODUCTORY STATISTICS	FROELICH, AMY G	COLLEGE OF LIBERAL ARTS & SCIENCES	STATISTICS	011077-00001	Research	9/15/2013	8/31/2015	SEPT. 2013	4202131
\$172,759	NSF-NATIONAL SCIENCE FOUNDATION	ELECTRONIC DELIVERY OF SCAFFOLDED VISUALIZATION TUTORIALS AND ASSESSMENT IN CHEMISTRY	HOLME, THOMAS	COLLEGE OF LIBERAL ARTS & SCIENCES	CHEMISTRY	011099-00001	Research	9/15/2013	8/31/2015	SEPT. 2013	4202132
\$170,550	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: CARBON-NANOTUBE-COATED COPPER WIRES FOR HIGH FREQUENCY DEVICES	WANG, XINWEI	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	011145-00001	Research	8/1/2013	7/31/2016	SEPT. 2013	4206257
\$165,000	IOWA DEPARTMENT OF TRANSPORTATION	NEXT GENERATION CP ROAD MAP	CAKLER, ELLS THOMAS	VP FOR RESEARCH & ECON DEVELOPMENT	INST FOR TRANSPORTATION (INTRANS)	011143-00001	Research	9/15/2013	12/31/2014	SEPT. 2013	4741714

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\$150,000	NSF-NATIONAL SCIENCE FOUNDATION	DISTANCE-BASED VARIABLE SELECTION FOR HIGH-DIMENSIONAL BIOLOGICAL DATA	NETTLETON, DANIEL S	COLLEGE OF LIBERAL ARTS & SCIENCES	STATISTICS	011036-00001	Research	9/15/2013	8/31/2016	SEPT. 2013	4202117
\$148,677	IOWA SOYBEAN ASSOCIATION	CONTINUATION OF ASSESSMENT OF NEMATODE CONTROL AND YIELD OF SCN-RESISTANT SOYBEAN VARIETIES IN RESPONSE TO DIFFERENT SOYBEAN CYST NEMATODE POPULATIONS (HG TYPES)	TYLKA, GREGORY L	AG EXPERIMENT STATION	PLANT PATHOLOGY	010981-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4504404
\$143,308	UNIVERSITY OF IOWA	DEVELOPMENT OF A CELL REPLACEMENT THERAPY TO TREAT RETINAL DEGENERATIVE BLINDNESS	BEN-SHLOMO, GIL	COLLEGE OF VETERINARY MEDICINE	VET CLINICAL SCIENCES	011011-00001	Research	1/1/2013	12/31/2015	SEPT. 2013	4752305
\$141,877	NATIONAL PORK BOARD	A STUDY TO DEVELOP AND VALIDATE ASSAYS TO MEASURE AND COMPARE FOUR CIRCULATING NEUROPEPTIDES AS OBJECTIVE PAIN BIOMARKERS IN PIGLETS	COETZEE, JOHANN FRANCOIS	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	011102-00001	Research	12/1/2013	11/30/2015	SEPT. 2013	4532319
\$137,017	ED-U.S. DEPARTMENT OF EDUCATION	CWS HOURLY	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT AFFAIRS	STUDENT FINANCIAL AID	010607-00001	Student Financial Aid	7/1/2013	6/30/2014	SEPT. 2013	4325735
\$136,283	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	CSRS RETIREMENT CONTRIBUTIONS PROGRAM 2012 IOWA	KRESS, CATHANN A	UNIVERSITY & COOPERATIVE EXTENSION	VP EXTENSION & OUTREACH	008581-00001	Public Service	10/1/2011	9/30/2017	SEPT. 2013	

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\$135,000	IA DPS-GOVERNOR'S TRAFFIC SAFETY BUREAU	IOWA TRAFFIC SAFETY DATA SERVICE (ITSDS)	HANS, ZACHARY N	VP FOR RESEARCH & ECON DEVELOPMENT	INST FOR TRANSPORTATION (INTRANS)	011144-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4781701
\$132,654	AGCO CORPORATION	WIND VELOCITY EFFECTS ON SPRAY DRIFT POTENTIAL	HANNA, H MARK	UNIVERSITY & COOPERATIVE EXTENSION	AG & BIOSYSTEMS ENGINEERING	011042-00001	Research	9/1/2013	12/31/2015	SEPT. 2013	4003037
\$131,500	HHS-FOOD & DRUG ADMINISTRATION (FDA)	FOOD SAFETY INSPECTION-TRAINING FOR BULK AGRICULTURAL PRODUCT HANDLING AND PROCESSING	HURBURGH, CHARLES R	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	005543-00001	Academic Support	9/21/2011	8/31/2014	SEPT. 2013	4304007
\$129,460	NSF-NATIONAL SCIENCE FOUNDATION	BIOLOGICAL UTILIZATION OF THERMOLYTIC SUBSTRATES BY BACTERIA AND MICROALGAE: ADDRESSING TOXICITY OF SUBSTRATE CONTAMINANTS	JARBOE, LAURA	VP FOR RESEARCH & ECON DEVELOPMENT	BIOECONOMY INSTITUTE	007063-00001	Research	1/1/2012	12/31/2014	SEPT. 2013	4201707
\$120,872	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	SEPT. 2013	4325742
\$120,344	NSF-NATIONAL SCIENCE FOUNDATION	TOWARDS INTEGRATED NOISE THERMOMETRY AND ITS APPLICATIONS IN EMBEDDED TEMPERATURE MEASUREMENTS	CHEN, DEGANG	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	008073-00001	Research	9/1/2011	8/31/2015	SEPT. 2013	4202019
\$119,480	IOWA SOYBEAN ASSOCIATION	RNA-BASED APPROACHES FOR RESISTANCE TO NEMATODE AND	WHITHAM, STEVEN ALAN	AG EXPERIMENT STATION	PLANT PATHOLOGY	011007-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4504413

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		FUNGAL PATHOGENS OF SOYBEAN									
\$107,823	VITA PLUS CORPORATION	NURSERY TRIALS 2	PATIENCE, JOHN FRANCIS	AG EXPERIMENT STATION	ANIMAL SCIENCE	011162-00001	Research	1/23/2013	10/31/2013	SEPT. 2013	
\$106,916	IOWA SOYBEAN ASSOCIATION	DEVELOPMENT OF MULTIPLE PEST RESISTANT SOYBEANS FOR BREEDING AND RESEARCH PURPOSES USING FIELD AND MOLECULAR TOOLS	SINGH, ASHEESH KUMAR	AG EXPERIMENT STATION	AGRONOMY	011020-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4504416
\$105,401	IOWA SOYBEAN ASSOCIATION	GENERATION AND USE OF NOVEL SOYBEAN GERMLASM WITH ENHANCED SDS RESISTANCE	BHATTACHARYYA, MADAN KUMA	AG EXPERIMENT STATION	AGRONOMY	010977-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4504402
\$102,643	NSF-NATIONAL SCIENCE FOUNDATION	CHARACTERIZATION OF SURFACE WIND ENERGY RESOURCES AND WAKE INTERFERENCES AMONG WIND TURBINES OVER COMPLEX TERRAINS FOR OPTIMAL SITE DESIGN AND TURBINE DURABILITY	HU, HUI	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	007062-00001	Research	1/1/2012	12/31/2014	SEPT. 2013	4202012
\$102,500	CONSORTIUM FOR PLANT BIOTECHNOLOGY RESEARCH INC	FIBERGLASS REINFORCED POLYMERS FROM AGRICULTURAL OILS	KESSLER, MICHAEL RICHARD	COLLEGE OF ENGINEERING	MATERIALS SCIENCE & ENGINEERING	006450-00001	Research	1/1/2010	12/31/2013	SEPT. 2013	4042008
\$100,000	DOE-U.S. DEPARTMENT OF ENERGY	REGULATION OF CHLOROPLAST BIOGENESIS: THE IMMUTANS MUTANT OF ARABIDOPSIS	RODERMEL, STEVEN R	COLLEGE OF LIBERAL ARTS & SCIENCES	GENETICS DEVELOPMENT & CELL BIOLOGY	007513-00001	Research	7/1/1994	8/31/2014	SEPT. 2013	4012118
\$100,000	KENNETH RAININ	INHERITANCE OF	PHILLIPS,	COLLEGE OF	VETERINARY	011039-00001	Research	9/10/2013	9/9/2014	SEPT.	4002309

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	FOUNDATION	INFLAMED MICROBIOTA CONFERS INCREASED SUSCEPTIBILITY TO COLITIS	GREGORY J	VETERINARY MEDICINE	MICROBIOLOGY & PREV MEDICINE					2013	
\$100,000	DOT-U.S. DEPARTMENT OF TRANSPORTATION	PROPOSED STUDY FOR NONDESTRUCTIVE CHARACTERIZATION OF PIPELINE MATERIALS	BOND, LEONARD J	INSTITUTE FOR PHYSICAL RESEARCH & TECH	CENTER FOR NON-DESTRUCT EVALUATION	011146-00001	Research	10/1/2013	12/31/2015	SEPT. 2013	4362502
\$99,475	MAPP BIOPHARMACEUTICAL	A MONOCLONAL COCKTAIL FOR CDI	SONGER, JOSEPH GLENN	COLLEGE OF VETERINARY MEDICINE	VETERINARY MICROBIOLOGY & PREV MEDICINE	011004-00001	Research	2/25/2013	8/31/2014	SEPT. 2013	4042318
\$99,154	NATIONAL PORK BOARD	FOOT AND MOUTH DISEASE VACCINE: OPTIONS AND AVAILABILITY IN THE EVENT OF AN FMD OUTBREAK IN THE US	ROTH, JAMES ALLEN	COLLEGE OF VETERINARY MEDICINE	CTR FOR FOOD SECURITY & PUBLIC HEALTH	011045-00001	Research	8/1/2013	12/31/2013	SEPT. 2013	4532313
\$97,934	MICHIGAN STATE UNIVERSITY	TEACHERS EMPOWERED TO ADVANCE CHANGE IN MATHEMATICS (TEACH MATH) EVALUATION	ANDERSON, MARY JO	COLLEGE OF HUMAN SCIENCES	SCHOOL OF EDUCATION	007151-00001	Research	9/1/2011	8/31/2014	SEPT. 2013	4042852
\$96,408	NSF-NATIONAL SCIENCE FOUNDATION	EAGER: BOA: A COMMUNITY RESEARCH INFRASTRUCTURE FOR MINING SOFTWARE REPOSITORIES	RAJAN, HRIDESH	COLLEGE OF LIBERAL ARTS & SCIENCES	COMPUTER SCIENCE	011028-00001	Research	9/1/2013	8/31/2014	SEPT. 2013	4202113
\$95,040	IMLS-INSTITUTE OF MUSEUM & LIBRARY SERVICES	REIMAN GARDENS SITE PLANNING	MCLAUGHLIN, TERESA	VICE PRESIDENT FOR BUSINESS & FINANCE	REIMAN GARDENS	011147-00001	Public Service	10/1/2013	12/31/2014	SEPT. 2013	4041201
\$93,943	USDA-NATIONAL	FERS RETIREMENT	KRESS, CATHANN	UNIVERSITY &	VP EXTENSION &	008582-00001	Public	10/1/2011	9/30/2017	SEPT.	

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	INSTITUTE OF FOOD & AGRICULTURE (NIFA)	CONTRIBUTION PROGRAM 2012 IOWA	A	COOPERATIVE EXTENSION	OUTREACH		Service			2013	
\$92,608	IOWA SOYBEAN ASSOCIATION	DEVELOPMENT OF NOVEL SOYBEAN GERMPLASM FOR IMPROVING SOYBEAN FOR SDS RESISTANCE	BHATTACHARYYA, MADAN KUMA	AG EXPERIMENT STATION	AGRONOMY	010978-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4504403
\$90,348	BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH	MANIPULATION OF PLANT DEFENSES BY AN INSECT-VECTORED VIRUS	WHITHAM, STEVEN ALAN	AG EXPERIMENT STATION	PLANT PATHOLOGY	005503-00001	Research	8/1/2012	7/31/2014	SEPT. 2013	4044011
\$87,409	IOWA SOYBEAN ASSOCIATION	EFFECTS OF INTENSIVE CHEMICAL USE ON PATHOGENIC EXPRESSION OF FUSARIUM, SUDDEN DEATH SYNDROME AGENT, ON ROUNDUP READY SOYBEANS	YANG, XIAO-BING	AG EXPERIMENT STATION	PLANT PATHOLOGY	011006-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4504410
\$87,000	DUPONT	ASSESSMENT OF BIOMASS HARVESTING AGRONOMIC IMPACT, PHASE 2	DARR, MATTHEW JOHN	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	011092-00001	Research	8/15/2013	6/30/2014	SEPT. 2013	4004001
\$86,300	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	RESEARCH SUPPORT AGREEMENT	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION	NATL LAB FOR AG & ENVIRONMENT	006177-00001	Public Service	10/1/2012	9/30/2013	SEPT. 2013	4194069
\$83,000	UNIVERSITY OF MINNESOTA TWIN CITIES	ANSWER LINE SERVICES FOR THE UNIVERSITY OF MINNESOTA EXTENSION SERVICE	WARNING, JEANNE MOORE	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN SCIENCES EXTENSION AND OUTREACH	011076-00001	Public Service	7/1/2013	6/30/2015	SEPT. 2013	4103062
\$80,000	USDA-FOREIGN AGRICULTURAL SERVICE (FAS)	SERBIA ANIMAL HEALTH TECHNICAL ASSISTANCE	UHLENHOPP, ELDON KARL	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	004465-00001	Public Service	12/20/2010	12/30/2013	SEPT. 2013	4120544
\$79,000	USDA-NATIONAL INSTITUTE OF FOOD	SOIL-BIOCHAR INTERACTIONS AND	LAIRD, DAVID ALAN	AG EXPERIMENT	AGRONOMY	010995-00001	Scholarships &	9/1/2013	8/31/2015	SEPT. 2013	4164191

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	& AGRICULTURE (NIFA)	THEIR IMPACT ON GREENHOUSE GAS EMISSIONS FROM DIVERSE AGROECOSYSTEMS		STATION			Fellowships				
\$78,945	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	CHARACTERIZATION OF AI-2/LUXS SYSTEM IN DISEASE PATHOGENESIS OF CAMPYLOBACTER JEJUNI	PLUMMER, PAUL J	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	010993-00001	Research	9/1/2013	8/31/2015	SEPT. 2013	4162301
\$77,585	IOWA SOYBEAN ASSOCIATION	EFFECT OF BIOCHAR AMENDMENTS ON SOYBEAN ROOT DISEASE POTENTIAL CAUSED BY FUSARIUM VIRGULIFORME	ROGOVSKA, NATALIA PETRIVN	AG EXPERIMENT STATION	AGRONOMY	011010-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4504409
\$75,000	UNIVERSITY OF IOWA	DEVELOPMENT OF QUALITY STANDARDS FOR INCLUSION OF HIGH RECYCLED ASPHALT PAVEMENT CONTENT IN ASPHALT MIXTURES	WILLIAMS, R CHRISTOPHER	VP FOR RESEARCH & ECON DEVELOPMENT	INST FOR TRANSPORTATION (INTRANS)	010987-00001	Research	5/15/2013	1/31/2015	SEPT. 2013	4751706
\$70,807	IOWA SOYBEAN ASSOCIATION	EVALUATION OF SOYBEAN DISEASE DYNAMICS IN IOWA USING IN-SEASON SATELLITE REMOTE SENSING IMAGERIES AND ON-FARM NETWORK FIELD DATA	LI, XUN	AG EXPERIMENT STATION	PLANT PATHOLOGY	011008-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4504411
\$70,477	ARCHER DANIELS MIDLAND COMPANY	PYROLYSIS OF ADM'S INTEGRATED BIOREFINERY CO-PRODUCTS	BROWN, ROBERT C	INSTITUTE FOR PHYSICAL RESEARCH & TECH	CTR FOR SUSTAINABLE ENVIRONMENTAL TECH	011171-00001	Research	10/1/2013	2/28/2014	SEPT. 2013	4002522
\$69,999	NSF-NATIONAL SCIENCE	COLLABORATIVE RESEARCH: HIGH	CHEN, SONG XI	COLLEGE OF LIBERAL ARTS	STATISTICS	011054-00001	Research	9/1/2013	8/3/2016	SEPT. 2013	4202120

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	FOUNDATION	DIMENSIONAL MULTIVARIATE ANALYSIS		& SCIENCES							
\$67,990	IOWA SOYBEAN ASSOCIATION	FURTHER DEFINING FOLIAR FUNGICIDE USE ON SOYBEAN	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	010982-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4503002
\$66,757	IOWA SOYBEAN ASSOCIATION	DRAINAGE WATER QUALITY FROM MANURE-TREATED SOYBEAN CROPS: ASSESSMENT OF WOODCHIP BIOREACTORS FOR EDGE-OF-FIELD TREATMENT	SOUPIR, MICHELLE LYNN	COLLEGE OF ENGINEERING	AG & BIOSYSTEMS ENGINEERING	011012-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4502001
\$66,003	EASTERN IOWA COMMUNITY COLLEGE DISTRICT	BUILDING ON PARTNERSHIPS, PROJECTS AND PURPOSE: IMPROVING INSTRUCTION AND INCREASING THE NUMBER OF STUDENTS IN THE AGRICULTURAL WORKFORCE (BP3)	PAULSEN, THOMAS	AG EXPERIMENT STATION	AES ADMIN CONTROL	011061-00001	Instruction	9/1/2013	8/31/2014	SEPT. 2013	4104003
\$65,551	IOWA SOYBEAN ASSOCIATION	DETERMINING SOYBEAN PEST AND PESTICIDE INTERACTIONS AS A MEANS TO OPTIMIZE SOYBEAN YIELD	HODGSON, ERIN WHITNEE	AG EXPERIMENT STATION	ENTOMOLOGY	011160-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4504406
\$65,280	IOWA SOYBEAN ASSOCIATION	CHARACTERIZATION OF THE MECHANISMS INVOLVED IN THE SDS-SCN INTERACTION TO DEVELOP SOYBEAN LINES WITH RESISTANCE TO SDS	LEANDRO, LEONOR F S	AG EXPERIMENT STATION	PLANT PATHOLOGY	011063-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4504417

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		AND TO SCN									
\$61,857	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	3/1/2014	SEPT. 2013	4004004
\$60,000	IOWA CORN PROMOTION BOARD	MAIZE PHENOMICS INITIATIVE RESEARCH GRANT	SCHNABLE, PATRICK S	AG EXPERIMENT STATION	AGRONOMY	010986-00001	Research	7/1/2013	6/30/2015	SEPT. 2013	4514006
\$59,611	IOWA SOYBEAN ASSOCIATION	MODIFYING BRADYRHIZOBIUM JAPONICUM TO ENHANCE NODULATED SOYBEAN DISEASE RESISTANCE	PETERS, REUBEN J	COLLEGE OF LIBERAL ARTS & SCIENCES	BIOCHEMISTRY & BIOPHYSICS	011017-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4502105
\$58,350	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	OPTIMAL DIETARY ENERGY AND PROTEIN FOR THE DEVELOPMENT OF GILTS	STALDER, KENNETH J	AG EXPERIMENT STATION	ANIMAL SCIENCE	011035-00001	Research	8/1/2013	12/14/2013	SEPT. 2013	4194022
\$58,039	IOWA SOYBEAN ASSOCIATION	DEVELOPING THE FIRST PHOSPHORUS AND POTASSIUM PLANT TISSUE TEST INTERPRETATIONS FOR CORN AND SOYBEAN IN IOWA	MALLARINO, ANTONIO P	AG EXPERIMENT STATION	AGRONOMY	011016-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4504415
\$56,676	USDA-OFFICE OF THE CHIEF ECONOMIST (OCE)	ESTIMATION OF THE DEMAND FOR ETHANOL	GALLAGHER, PAUL W	AG EXPERIMENT STATION	ECONOMICS	011070-00001	Research	9/6/2013	9/30/2014	SEPT. 2013	4124533
\$56,063	UNITED SOYBEAN BOARD	DEVELOPMENT OF SOY RUBBER	GREWELL, DAVID	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	011066-00001	Research	9/1/2013	8/31/2014	SEPT. 2013	4594401
\$55,000	UNIVERSITY OF TEXAS DALLAS	PERFORMANCE AND RELIABILITY ENHANCEMENT OF EMBEDDED ADCS WITH VALUE-ADDED BIST	GEIGER, RANDALL L	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	007761-00001	Research	2/1/2013	7/31/2014	SEPT. 2013	4006032

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\$54,771	NATIONAL PORK BOARD	NEUROPATHOGENESIS OF A BRAIN-DERIVED PORCINE TESCHOVIRUS TYPE 11 STRAIN OR A BRAIN-DERIVED PORCINE SAPELOVIRUS STRAIN IN 3-WEEK-OLD CDCD PIGS	STEVENSON, GREGORY W	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	011100-00001	Research	12/1/2013	11/30/2014	SEPT. 2013	4532314
\$50,162	PENNSYLVANIA STATE UNIVERSITY	IMPLICATIONS OF GENETIC VARIANCE FOR SUBSTANCE USE INTERVENTIONS IN ADOLESCENCE	SPOTH, RICHARD LEE	VP FOR RESEARCH & ECON DEVELOPMENT	PARTNERSHIPS IN PREVENTION SCIENCE INST	008082-00001	Research	8/1/2011	5/31/2014	SEPT. 2013	4041713
\$50,000	NSF-NATIONAL SCIENCE FOUNDATION	MULTI-SCALE MATERIAL AND DYNAMIC THERMO-FLUID COMPUTATIONAL MODELS AND CONTROLS FOR SUSTAINABLE BUILDINGS USING EFFICIENT ENERGY HARVESTING MATERIALS	PASSE, ULRIKE	INSTITUTE FOR PHYSICAL RESEARCH & TECH	CTR FOR BUILDING ENERGY RESEARCH	011057-00001	Research	9/1/2013	8/31/2014	SEPT. 2013	4201714
\$49,824	IOWA SOYBEAN ASSOCIATION	ROLE OF ETHYLENE ON SOYBEAN SUDDEN DEATH SYNDROME-POTENTIAL USE FOR DISEASE MANAGEMENT	LEANDRO, LEONOR F S	AG EXPERIMENT STATION	PLANT PATHOLOGY	011015-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4504414
\$46,957	NATIONAL PORK BOARD	A STUDY TO ASSESS THE CORRELATION BETWEEN PLASMA, ORAL FLUID AND URINE CONCENTRATIONS OF FLUNIXIN MEGLUMINE	COETZEE, JOHANN FRANCOIS	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	011018-00001	Research	12/1/2013	11/30/2014	SEPT. 2013	4532310

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		WITH THE TISSUE RESIDUE DEPLETION PROFILE IN FINISHING AGE SWINE									
\$45,509	IOWA SOYBEAN ASSOCIATION	ARE MICRONUTRIENTS DEFICIENCIES LIMITING SOYBEAN YIELD IN IOWA?	MALLARINO, ANTONIO P	AG EXPERIMENT STATION	AGRONOMY	011060-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4504405
\$41,409	IOWA SOYBEAN ASSOCIATION	GETTING TO KNOW THE PLAYERS ON THE SEEDLING DISEASE PLAYING FIELD	ROBERTSON, ALISON E	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	010985-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4503006
\$40,820	CALIFORNIA INSTITUTE OF TECHNOLOGY-JET PROPULSION LABORATORY (JPL)	MASS LOSS FROM CLASSICAL CEPHEIDS AND THEIR POGENITORS	MARENGO, MASSIMO	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	011096-00001	Research	9/10/2013	9/30/2015	SEPT. 2013	4042106
\$40,605	IOWA SOYBEAN ASSOCIATION	JAPANESE BEETLE AND BROWN MARMORATED STINK BUG: NEW THREATS TO SOYBEAN YIELD?	O'NEAL, MATTHEW ELLIOTT	AG EXPERIMENT STATION	ENTOMOLOGY	011159-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4504419
\$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	SEPT. 2013	4006024
\$40,000	DEERE & COMPANY	MARKERLESS TRACKING TO ENABLE AUGMENTED REALITY ON THE FACTORY FLOOR	OLIVER, JAMES H	INSTITUTE FOR PHYSICAL RESEARCH & TECH	VIRTUAL REALITY APPLICATIONS CENTER	011170-00001	Research	9/1/2013	10/15/2013	SEPT. 2013	4002514
\$37,487	IOWA SOYBEAN ASSOCIATION	IMPROVING SOYBEAN INSECT MANAGEMENT	HODGSON, ERIN WHITNEE	UNIVERSITY & COOPERATIVE EXTENSION	ENTOMOLOGY	011062-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4503007
\$36,000	MICHIGAN STATE UNIVERSITY	IOWA PLANT DIAGNOSTIC	JESSE, LAURA C HANSEN	UNIVERSITY & COOPERATIVE	PLANT PATHOLOGY	008261-00001	Public Service	7/1/2012	6/30/2014	SEPT. 2013	4103033

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		NETWORK		EXTENSION							
\$35,620	IOWA SOYBEAN ASSOCIATION	THE EFFECT OF ROTATIONS OF HOST RESISTANCE GENES (RPS) ON PATHOGEN VIRULENCE GENES (AVR) IN THE SOYBEAN-PHYTOPHTHORA SOJAE PATHOSYSTEM	ROBERTSON, ALISON E	AG EXPERIMENT STATION	PLANT PATHOLOGY	010984-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4504407
\$35,000	IOWA DEPARTMENT OF TRANSPORTATION	PROFESSIONAL TRAFFIC ENGINEERING POSITION	HAWKINS, NEAL R	VP FOR RESEARCH & ECON DEVELOPMENT	INST FOR TRANSPORTATION (INTRANS)	004635-00001	Research	12/1/2012	6/30/2014	SEPT. 2013	4741788
\$35,000	ARIZONA STATE UNIVERSITY	EXPLOITING EMERGING DATA FOR ENHANCED LOAD MODELING (S-49)	CHRISTY, COLIN	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	005146-00001	Research	6/1/2012	8/31/2014	SEPT. 2013	4006006
\$35,000	ALCOA TECHNICAL CENTER	CENTER FOR NDE MEMBERSHIP	BOND, LEONARD J	INSTITUTE FOR PHYSICAL RESEARCH & TECH	CENTER FOR NON-DESTRUCT EVALUATION	011156-00001	Research	9/12/2013	9/11/2014	SEPT. 2013	
\$32,190	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	EFFECTS OF FUNGICIDE AFTER HAIL INJURY ON CORN AND SOYBEAN	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	011164-00001	Public Service	9/1/2013	8/31/2015	SEPT. 2013	4163028
\$32,108	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	SWINE INFLUENZA A VIRUS SURVEILLANCE SYSTEM PROJECT	ROTH, JAMES ALLEN	COLLEGE OF VETERINARY MEDICINE	CTR FOR FOOD SECURITY & PUBLIC HEALTH	007739-00001	Research	8/28/2012	2/28/2014	SEPT. 2013	4192304
\$32,025	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	ADVANCING DAIRY CATTLE GENETICS: GENOMICS AND BEYOND	SPURLOCK, DIANE MOODY	AG EXPERIMENT STATION	ANIMAL SCIENCE	011131-00001	Research	9/1/2013	8/31/2014	SEPT. 2013	4164015
\$31,107	IOWA SOYBEAN ASSOCIATION	EFFECTS OF SOIL CONSERVATION PRACTICES (COVER CROPS, CROP ROTATIONS AND	LEANDRO, LEONOR F S	AG EXPERIMENT STATION	PLANT PATHOLOGY	011013-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4504412

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		TILLAGE) ON SOYBEAN SUDDEN DEATH SYNDROME									
\$30,000	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	DEVELOPMENT AND IMPLEMENTATION OF NATURAL RESOURCE DATABASES	KANE, KEVIN L	COLLEGE OF DESIGN	INSTITUTE FOR DESIGN RESEARCH & OUTREACH	008282-00001	Research	9/20/2012	8/31/2014	SEPT. 2013	4192901
\$30,000	LEIDOS, INC.	ROADWAY DATA EXTRACTION TECHNICAL ASSISTANCE PROGRAM (RDETAP) TOPR 59	SMADI, OMAR G	VP FOR RESEARCH & ECON DEVELOPMENT	INST FOR TRANSPORTATION (INTRANS)	011124-00001	Research	8/5/2013	1/31/2015	SEPT. 2013	4041710
\$30,000	DEERE & COMPANY	CENTER FOR E-DESIGN INDUSTRIAL MEMBERSHIP RENEWAL	TERPENNY, JANIS PINCHEFSK	COLLEGE OF ENGINEERING	CENTER FOR E-DESIGN	011125-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	
\$30,000	IA DPS-GOVERNOR'S TRAFFIC SAFETY BUREAU	IOWA SEAT BELT USE SURVEY 2014	HUCK, SHIRLEY M	VP FOR RESEARCH & ECON DEVELOPMENT	SURVEY & BEHAVIORAL RESEARCH SVCS	011172-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4781709
\$29,848	QUAD COUNTY ETHANOL COMPANY LLC	DETERMINING THE FEED VALUE OF ACE (ADDING CELLULOSIC ETHANOL) WET DISILLERS GRAINS FOR CATTLE	HANSEN, STEPHANIE L	INSTITUTE FOR PHYSICAL RESEARCH & TECH	INST FOR PHYSICAL RESEARCH & TECH	011003-00001	Research	9/1/2013	10/31/2014	SEPT. 2013	4002512
\$25,919	UNIVERSITY OF GUELPH	SCIENTIFIC SERVICES TO SUPPORT EFSA SYSTEMATIC REVIEWS (LOT 4- MICROBIAL FOOD SAFETY)	O'CONNOR, ANNETTE M	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	011073-00001	Research	2/27/2013	7/18/2013	SEPT. 2013	4002314
\$25,774	GLUCAN BIORENEWABLES INC	GREEN SOLVENT-ENABLED SYNTHESIS OF BIOBASED FURANS PRINCIPLE	OKERLUND, ADAM L	COLLEGE OF ENGINEERING	CTR FOR BIORENEWABLE CHEMICALS	010989-00001	Research	7/1/2013	12/31/2013	SEPT. 2013	4047201
\$25,449	IOWA CAGE FREE LLC	EVALUATION OF LED VS. CFL LIGHTING IN	XIN, HONGWEI	INSTITUTE FOR PHYSICAL	IPRT COMPANY ASSISTANCE	011167-00001	Research	8/1/2013	7/31/2014	SEPT. 2013	4002501

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		AVIARY HEN HOUSES		RESEARCH & TECH	CONTRACT RESEARC						
\$21,679	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	RESEARCH SUPPORT AGREEMENT	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION	AGRONOMY	006179-00001	Public Service	10/1/2012	9/30/2013	SEPT. 2013	4194066
\$20,000	NSF-NATIONAL SCIENCE FOUNDATION	BIC: AN INNOVATION PARTNERSHIP TO ADVANCE A HIGH-THROUGHPUT PLANT PHENOTYPE	NIKOLAU, BASIL J	AG EXPERIMENT STATION	BIOCHEMISTRY & BIOPHYSICS	004545-00001	Research	9/1/2012	8/31/2014	SEPT. 2013	4204015
\$20,000	JFE STEEL CORPORATION	RESEARCH EXPENSES FOR VISITING SCIENTIST	HEBERT, KURT ROBERT	COLLEGE OF ENGINEERING	CHEMICAL & BIOLOGICAL ENGR	007758-00001	Research	10/15/2012	10/14/2014	SEPT. 2013	4002098
\$20,000	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	SEPT. 2013	4734201
\$20,000	GERBER FOUNDATION	ROLE OF MATERNAL VITAMIN D STATUS AND PLACENTAL TRANSFER OF VITAMIN D IN INFANT BIRTH WEIGHT	CAMPBELL, CHRISTINA	COLLEGE OF HUMAN SCIENCES	FOOD SCIENCE & HUMAN NUTRITION-HS	011153-00001	Research	6/14/2013	6/13/2015	SEPT. 2013	4002812
\$16,000	BAYER CROPSCIENCE	CORVUS, BALANCE FLEXX, CAPRENO, LAUDIS, LIBERTY/FLD. CORN/UNIV. DEMOS PROTOCOL NO. HP13USABLT	OWEN, MICHEAL D	AG EXPERIMENT STATION	AGRONOMY	011051-00001	Research	5/1/2013	12/31/2013	SEPT. 2013	
\$15,404	VITA PLUS CORPORATION	NURSERY TRIALS	PATIENCE, JOHN FRANCIS	AG EXPERIMENT STATION	ANIMAL SCIENCE	011161-00001	Research	11/2/2012	1/30/2013	SEPT. 2013	
\$15,375	DUPONT DANISCO CELLULOSIC ETHANOL LLC	IDENTIFYING OPTIMAL CORN STOVER STORAGE AND TRANSPORTATION ROUTES IN CENTRAL IOWA	HADDAD, MONICA	COLLEGE OF DESIGN	COMMUNITY & REGIONAL PLANNING	010998-00001	Research	5/20/2013	9/30/2013	SEPT. 2013	4000701

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\$15,074	POLK COUNTY	NUTRITION EDUCATION SERVICES FOR THE POLK COUNTY COMMODITY AND SUPPLEMENTAL FOOD PROGRAM	FRANCIS, SARAH LUCILLE	UNIVERSITY & COOPERATIVE EXTENSION	FOOD SCIENCE & HUMAN NUTRITION	011009-00001	Public Service	7/1/2013	6/30/2014	SEPT. 2013	4003009
\$15,000	BASF CORPORATION	EVALUATE SEED TREATMENT EFFICACY FOR THE CONTROL OF SUDDEN DEATH SYNDROME (SDS), INCLUDING STAND ESTABLISHMENT AND VIGOR IN SOYBEAN UNDER INOCULATED PRESSURE	YANG, XIAO-BING	AG EXPERIMENT STATION	PLANT PATHOLOGY	011130-00001	Research	5/1/2013	5/1/2014	SEPT. 2013	
\$13,700	BAYER CROPSCIENCE	FIELD TRIALS FOR BAYER CROPSCIENCE SUB-AGREEMENT 22	O'NEAL, MATTHEW ELLIOTT	AG EXPERIMENT STATION	ENTOMOLOGY	011097-00001	Research	4/1/2013	10/30/2013	SEPT. 2013	4004878
\$11,719	ED-U.S. DEPARTMENT OF EDUCATION	PELL GRANT, FY13	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT AFFAIRS	STUDENT FINANCIAL AID	005162-00001	Student Financial Aid	7/1/2012	6/30/2013	SEPT. 2013	4325733
\$11,462	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	EFFECTS OF FUNGICIDE AFTER HAIL INJURY ON CORN AND SOYBEAN	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	011163-00001	Public Service	9/1/2013	8/31/2015	SEPT. 2013	4163027
\$10,000	UNIVERSITY OF MINNESOTA TWIN CITIES	SUITABILITY OF WINTER CANOLA (BRASSICA NAPUS) FOR ENHANCING SUMMER ANNUAL CROP ROTATIONS IN IOWA	WIEDENHOEFT, MARY H	AG EXPERIMENT STATION	AGRONOMY	011126-00001	Research	9/1/2013	12/31/2014	SEPT. 2013	4104004
\$10,000	IA DPS-GOVERNOR'S TRAFFIC SAFETY BUREAU	TRAFFIC SAFETY SURVEY DATA COLLECTION 2014	HUCK, SHIRLEY M	VP FOR RESEARCH & ECON DEVELOPMENT	SURVEY & BEHAVIORAL RESEARCH SVCS	011173-00001	Research	10/1/2013	9/30/2014	SEPT. 2013	4781710

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\$9,999	CITY OF AMES, IOWA	DEVELOPMENT OF A WOODLAND MANAGEMENT PLAN	THOMPSON, JANETTE R	AG EXPERIMENT STATION	NATURAL RESOURCE ECOLOGY & MGMT	010686-00001	Research	5/8/2013	3/30/2014	SEPT. 2013	4004461
\$9,983	FEED ENERGY COMPANY	EVALUATION OF THE CHOLINE UTILIZATION OF A NEW PRODUCT USING A CHICK MODEL AND VERIFICATION USING COMMERCIAL DIETS	PERSIA, MICHAEL EDWARD	INSTITUTE FOR PHYSICAL RESEARCH & TECH	IPRT COMPANY ASSISTANCE CONTRACT RESEARC	011168-00001	Research	7/1/2013	12/31/2013	SEPT. 2013	4002526
\$9,750	CENTERVILLE COMMUNITY SCHOOL DISTRICT	LOCAL SUPPORT FOR IOWA AMERICORPS 4-H OUTREACH PROGRAM	TALLMAN, KELI M	UNIVERSITY & COOPERATIVE EXTENSION	EXTENSION TO YOUTH & 4H	010972-00001	Public Service	9/1/2013	8/31/2014	SEPT. 2013	
\$9,720	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	RESEARCH SUPPORT AGREEMENT	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION	AGRONOMY	008293-00001	Public Service	10/1/2012	9/30/2013	SEPT. 2013	4194051
\$9,469	KIRKWOOD COMMUNITY COLLEGE	USING 21ST CENTURY STRATEGIES TO EDUCATE HEARTLAND EARLY CHILDHOOD PARAEDUCATORS	MAUDE, SUSAN P	COLLEGE OF HUMAN SCIENCES	HUMAN DEVELOPMENT & FAMILY STUDIES	011148-00001	Research	8/23/2013	8/22/2014	SEPT. 2013	4042811
\$9,461	IOWA DEPARTMENT OF HUMAN SERVICES	SERVICE TRAINING FOSU-14-001	HONG, GONG-SOOG	COLLEGE OF HUMAN SCIENCES	HUMAN DEVELOPMENT & FAMILY STUDIES	010599-00001	Public Service	7/1/2013	6/30/2014	SEPT. 2013	4702811
\$9,072	IOWA DEPARTMENT OF TRANSPORTATION	BOONE COUNTY EXPO RESEARCH PHASE 1- GRANULAR ROAD COMPACTION AND STABILIZATION	WHITE, DAVID J	VP FOR RESEARCH & ECON DEVELOPMENT	INST FOR TRANSPORTATION (INTRANS)	007168-00001	Research	3/14/2012	12/31/2013	SEPT. 2013	4747807
\$8,861	PURDUE UNIVERSITY	EVALUATING THE IMPACT OF EXTREME DROUGHT ON FARM ADVISORS' PERCEPTION OF CLIMATE RISKS IN THE U.S. CORN BELT	MORTON, LOIS WRIGHT	UNIVERSITY & COOPERATIVE EXTENSION	SOCIOLOGY	011029-00001	Research	9/1/2013	8/31/2014	SEPT. 2013	4043001
\$8,000	AUBURN UNIVERSITY	ASSESSING	ROTHSCHILD,	AG	ANIMAL SCIENCE	011064-00001	Research	5/1/2013	9/30/2013	SEPT.	4104001

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		DEMOGRAPHIC AND EVOLUTIONARY RELATIONSHIP BETWEEN SHRIMP POPULATIONS BY SEQUENCING A SHRIMP DIVERSITY PANEL	MAX F	EXPERIMENT STATION						2013	
\$7,779	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	RESEARCH SUPPORT AGREEMENT	WANNEMUEHLER, MICHAEL	COLLEGE OF VETERINARY MEDICINE	VETERINARY MICROBIOLOGY & PREV MEDICINE	005184-00001	Public Service	10/1/2012	9/30/2013	SEPT. 2013	4192381
\$7,700	BAYER CROPSCIENCE	STRATEGO YLD, PROLINE / SOYBEAN / YIELD, EFFICACY, FOLIAR DISEASE UNIV DEMOS (SUB-AGREEMENT #28)	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	011154-00001	Research	5/1/2013	12/31/2013	SEPT. 2013	4003041
\$7,000	BAYER CROPSCIENCE	LIBERTY 280SL/SOYBEAN/ LOCAL SUPPORT AUXINS NOZZLES ADJUVANTS PROTOCOL NO. HP13USANH2	OWEN, MICHEAL D	AG EXPERIMENT STATION	AGRONOMY	011109-00001	Research	5/1/2013	12/31/2013	SEPT. 2013	
\$6,480	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	RESEARCH SUPPORT AGREEMENT	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION	AGRONOMY	006682-00001	Public Service	10/1/2012	9/30/2013	SEPT. 2013	4194052
\$6,350	ELECTRIC POWER RESEARCH INSTITUTE	TERAHERTZ IMAGING FOR MATERIAL CHARACTERIZATION AND DEFECT DETECTION OF ELECTRIC CABLES	CHIOU, CHIEN-PING	INSTITUTE FOR PHYSICAL RESEARCH & TECH	CENTER FOR NON-DESTRUCT EVALUATION	011027-00001	Research	9/2/2013	9/30/2013	SEPT. 2013	4002502
\$6,000	BAYER CROPSCIENCE	ISOXAFLUTOLE/HPPD AND GLY SOY/UNIVERSITIES-NORTH AND INTERNAL/ REGULATED SEED	OWEN, MICHEAL D	AG EXPERIMENT STATION	AGRONOMY	011110-00001	Research	5/1/2013	12/31/2013	SEPT. 2013	

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		PROTOCOL NO. HP13USAMRB									
\$6,000	BAYER CROPSCIENCE	STRATEGO YLD/FLD CORN / APPL. TIMING/ UNIVERSITY (SUB- AGREEMENT #27)	ROBERTSON, ALISON E	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	011155-00001	Research	5/1/2013	12/31/2013	SEPT. 2013	4003305
\$5,729	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	RENEWABLE RESOURCES EXTENSION ACT	BLODGETT, SUE	UNIVERSITY & COOPERATIVE EXTENSION	NATURAL RESOURCE ECOLOGY & MGMT	004757-00001	Public Service	10/1/2011	9/30/2013	SEPT. 2013	4183016
\$5,250	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	SEPT. 2013	4102808
\$5,000	DEERE & COMPANY	ULTRASONIC TESTING TO MONITOR CAST IRON NODULARITY	CHUMBLEY, SCOTT	COLLEGE OF ENGINEERING	MATERIALS SCIENCE & ENGINEERING	011098-00001	Research	9/15/2013	5/1/2014	SEPT. 2013	4002011
\$5,000	BAYER CROPSCIENCE	LIBERTY/CORN/LOCAL SUPPORT AUXINS NOZZLES PROTOCOL NO. HP13USANHE	OWEN, MICHEAL D	AG EXPERIMENT STATION	AGRONOMY	011108-00001	Research	5/1/2013	12/31/2013	SEPT. 2013	
\$4,025	LEIDOS, INC.	INFORMATIONAL GUIDE ON ROAD DIETS AND OTHER ROADWAY CONFIGURATIONS	KNAPP, KEITH K	VP FOR RESEARCH & ECON DEVELOPMENT	INST FOR TRANSPORTATION (INTRANS)	006165-00001	Research	9/13/2012	3/21/2014	SEPT. 2013	4041733
\$4,000	BAYER CROPSCIENCE	DICAMBA + CSA, CORVUS/FLD. CORN/EFF AND TOL/INT. AND UNIV. DEMOS EVALUATE PROGRAMS OF CORVUS FB DICAMBA + CSA PROTOCOL ID: HP13USABLX	OWEN, MICHEAL D	AG EXPERIMENT STATION	AGRONOMY	011050-00001	Research	5/1/2013	12/31/2013	SEPT. 2013	
\$4,000	BAYER CROPSCIENCE	ISOXAFLUTOLE/MGI SOYBEANS/ UNIVERSITIES-NORTH	OWEN, MICHEAL D	AG EXPERIMENT STATION	AGRONOMY	011107-00001	Research	5/1/2013	12/31/2013	SEPT. 2013	

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		PROTOCOL NO. BP13USAJN6									
\$3,500	BAYER CROPSCIENCE	BAYER HERBICIDE TRIAL-2013	CHRISTIANS, NICK E	AG EXPERIMENT STATION	HORTICULTURE	011128-00001	Research	9/20/2013	12/31/2013	SEPT. 2013	
\$3,488	NSF-NATIONAL SCIENCE FOUNDATION	ORIGIN OF THE ELECTRIC FIELD-INDUCED STRAIN IN LEAD-FREE PIEZOELECTRIC CERAMICS	TAN, XIAOLI	COLLEGE OF ENGINEERING	MATERIALS SCIENCE & ENGINEERING	005441-00001	Research	10/1/2010	9/30/2014	SEPT. 2013	4206056
\$3,000	VEF-VIETNAM EDUCATION FOUNDATION	VIETNAM EDUCATION FOUNDATION FELLOWSHIP PROGRAM	GRAVES, WILLIAM RICHARD	SR VP AND PROVOST	GRADUATE COLLEGE	005438-00001	Scholarships & Fellowships	8/1/2009	7/31/2014	SEPT. 2013	4281839
\$3,000	BAYER CROPSCIENCE	LEVERAGE 360 SOYBEAN MARKET SUPPORT	HODGSON, ERIN WHITNEE	UNIVERSITY & COOPERATIVE EXTENSION	ENTOMOLOGY	010990-00001	Research	5/1/2013	12/31/2013	SEPT. 2013	4003915
\$2,634	ADAIR COUNTY AGRICULTURAL EXTENSION DISTRICT	LOCAL SUPPORT FOR THE IOWA AMERICORPS STATE OF PROMISE PROGRAM	TALLMAN, KELI M	UNIVERSITY & COOPERATIVE EXTENSION	EXTENSION TO YOUTH & 4H	008370-00001	Public Service	9/1/2012	11/30/2013	SEPT. 2013	
\$2,579	IOWA DEPARTMENT OF PUBLIC HEALTH	MCH 1-800 HEALTHY FAMILIES/TEENLINE	VANGINKEL, MARGARET E	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN SCIENCES EXTENSION AND OUTREACH	005165-00001	Public Service	10/1/2012	9/30/2013	SEPT. 2013	4783310
\$2,327	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	RENEWABLE RESOURCES EXTENSION ACT	BLODGETT, SUE	UNIVERSITY & COOPERATIVE EXTENSION	NATURAL RESOURCE ECOLOGY & MGMT	006286-00001	Public Service	10/1/2011	9/30/2013	SEPT. 2013	4183017
\$2,000	BAYER CROPSCIENCE	PONCHO/VOTIVO SOYBEAN INSECT EFFICACY	LANG, BRIAN J	UNIVERSITY & COOPERATIVE EXTENSION	EXTENSION TO AG-EXTENSION	010976-00001	Research	5/1/2013	12/31/2013	SEPT. 2013	4003036
\$1,327	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	RESEARCH SUPPORT AGREEMENT	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION	AGRONOMY	006683-00001	Public Service	10/1/2012	9/30/2013	SEPT. 2013	4194067
\$800	IOWA DEPARTMENT	INFLUENZA	HENDRICKS,	VICE	STUDENT HEALTH	005192-00001	Research	6/1/2012	7/31/2013	SEPT.	4781401

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	OF PUBLIC HEALTH	INCIDENCE SURVEILLANCE PROJECT	MICHELLE MARIE	PRESIDENT FOR STUDENT AFFAIRS	CENTER					2013	
\$8	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	RESEARCH SUPPORT AGREEMENT	WANNEMUEHLER, MICHAEL	COLLEGE OF VETERINARY MEDICINE	VETERINARY MICROBIOLOGY & PREV MEDICINE	007748-00001	Public Service	10/1/2012	9/30/2013	SEPT. 2013	4192380