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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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\$2,702,674	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)		6024000
118686	2012 HATCH RESEARCH		
	10/1/11 to 9/30/13	RESEARCH	
	WINTERSTEEN, WENDY	AGRICULTURE & HOME ECONOMICS EXPERIMENT STATION-AES/CALS	
\$1,095,662	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)		4154000
118691	2012 HATCH MULTISTATE RESEARCH		
	10/1/11 to 9/30/13	RESEARCH	
	WINTERSTEEN, WENDY	AGRICULTURE & HOME ECONOMICS EXPERIMENT STATION-AES/CALS	
\$1,032,455	IOWA DEPARTMENT OF NATURAL RESOURCES		4734201
118466	LEOPOLD CENTER SUPPORT		
	10/1/11 to 6/30/12	RESEARCH	
	HONEYMAN, MARK	LEOPOLD CENTER-AES/CALS	
\$562,500	NSF-NATIONAL SCIENCE FOUNDATION		4206210
116399	AF: MEDIUM: PARALLEL ALGORITHMS AND SOFTWARE FOR HIGH-THROUGHPUT SEQUENCE ASSEMBLY		
	5/1/12 to 4/30/15	RESEARCH	
	ALURU, SRINIVAS	ELECTRICAL & COMPUTER ENGINEERING-ENGR	
CO-PI	DORMAN, KARIN	STATISTICS-LAS	
CO-PI	SCHNABLE, PATRICK	AGRONOMY-AES/CALS	
\$550,938	DOE-U.S. DEPARTMENT OF ENERGY		4012501
93016	OPERATING AND MANAGEMENT SUPPORT FOR THE AMES LABORATORY		
	11/1/08 to 12/31/15	RESEARCH	
	KING, ALEXANDER	AMES LABORATORY	
\$506,637	NIH-NATIONAL INSTITUTES OF HEALTH		4304605
111962	DNA TARGETING BY TAL EFFECTORS		
	5/1/12 to 4/30/13	RESEARCH	
	BOGDANOVE, ADAM	PLANT PATHOLOGY-AES/CALS	

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\$506,563 INDIANA UNIVERSITY

4042148

117077 IPGA: CHARACTERIZATION, MODELING, PREDICTION, AND VISUALIZATION OF THE
PLANT TRANSCRIPTOME

1/1/12 to 8/31/13 RESEARCH

DORMAN, KARIN STATISTICS-LAS

\$499,992 DOD-DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA)

4212051

118265 DOD-DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA)

5/24/12 to 5/17/13 RESEARCH

CHANG, JIEN ELECTRICAL & COMPUTER ENGINEERING-ENGR

CO-PI CHU, CHRIS ELECTRICAL & COMPUTER ENGINEERING-ENGR

CO-PI KAMAL, AHMED ELECTRICAL & COMPUTER ENGINEERING-ENGR

CO-PI GILBERT, STEPHEN INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR

\$478,872 USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)

4183001

118677 EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM 2012 FORMULA-IOWA

10/1/11 to 9/30/16 EXTENSION/PUBLIC

MARTIN, PEGGY EXTENSION TO FAMILIES-EXT

\$435,911 DOD-DEFENSE LOGISTICS AGENCY (DLA)

4213501

118260 IOWA PROCUREMENT TECHNICAL ASSISTANCE CENTER

7/1/12 to 6/30/13 EXTENSION/PUBLIC

BOGACZYK, DAVID CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT

CO-PI COX, RONALD CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT

\$425,000 NSF-NATIONAL SCIENCE FOUNDATION

4206117

115758 UNDERSTANDING THE GEOGRAPHICAL AND COMMUNITY CONTEXT OF MUTUALISM: FIG-FIG WASP INTERACTIONS IN THE
SONORAN DESERT

9/1/12 to 8/31/15 RESEARCH

NASON, JOHN ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

\$400,000 NSF-NATIONAL SCIENCE FOUNDATION

4206211

115830 CAREER: STABILITY ANALYSIS AND CONTROL OF UNCERTAIN NETWORK CONTROLLED SYSTEM IN NONEQUILIBRIUM

7/1/12 to 6/30/17 RESEARCH

VAIDYA, UMESH ELECTRICAL & COMPUTER ENGINEERING-ENGR

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\$380,651 NSF-NATIONAL SCIENCE FOUNDATION

4204031

95982 OPTIMAL SIRNA DESIGN BASED ON WHOLE GENOME THERMODYNAMIC ANALYSIS

9/1/09 to 8/31/14 RESEARCH

CHOU, HUI-HSIEN GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS

\$323,165 NIH-NATIONAL INSTITUTES OF HEALTH

4301708

113781 MECHANISMS OF MANGANESE NEUROTOXICITY

8/11/11 to 3/30/13 RESEARCH

KANTHASAMY, ANUMANTHA BIOMEDICAL SCIENCES-VET
CO-PI KANTHASAMY, ARTHI BIOMEDICAL SCIENCES-VET

\$321,693 NIH-NATIONAL INSTITUTES OF HEALTH

4302145

94529 STRUCTURAL STUDIES OF A T CELL SPECIFIC TYROSINE KINASE

5/1/12 to 4/30/13 RESEARCH

ANDREOTTI, AMY BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS

\$318,553 NIH-NATIONAL INSTITUTES OF HEALTH

4302108

90055 REGULATION OF T CELL SIGNALING: STRUCTURAL STUDIES OF PLCG1

5/1/08 to 4/30/13 RESEARCH

ANDREOTTI, AMY BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS

\$316,877 NIH-NATIONAL INSTITUTES OF HEALTH

4302309

90346 CHARACTERIZATION OF A COMPLEX REGULATORY ELEMENT OF SPINAL MUSCULAR ATROPHY GENES

7/1/12 to 6/30/13 RESEARCH

SINGH, RAVINDRA BIOMEDICAL SCIENCES-VET

\$281,935 NIH-NATIONAL INSTITUTES OF HEALTH

4302117

114292 REGULATION OF SNARE-DEPENDENT VESICLE FUSION

5/1/12 to 4/30/13 RESEARCH

SHIN, YEON-KYUN BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS

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\$270,225 ED-U.S. DEPARTMENT OF EDUCATION

4325711

116617 PELL GRANT, FY12

7/1/11 to 6/30/12 STUDENT FINANCIAL AID
JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA

\$267,011 NSF-NATIONAL SCIENCE FOUNDATION

4206056

105142 ORIGIN OF THE ELECTRIC FIELD-INDUCED STRAIN IN LEAD-FREE PIEZOELECTRIC CERAMICS

10/1/10 to 9/30/14 RESEARCH
TAN, XIAOLI MATERIALS SCIENCE & ENGINEERING-ENGR
CO-PI BECKMAN, SCOTT MATERIALS SCIENCE & ENGINEERING-ENGR

\$246,956 SOUTH DAKOTA STATE UNIVERSITY

4044066

116234 LOW MOISTURE ANHYDROUS AMMONIA (LMAA) PRETREATMENT PROCESS OF CORN STOVER FOR PRODUCTION OF BUTANOL AND INTEGRATION WITH LONG TERM STORAGE

3/26/12 to 5/31/15 RESEARCH
ROSENTRATER, KURT AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

\$219,000 NSF-DIRECTORATE FOR BIOLOGICAL SCIENCES (BIO)

4204098

115774 COLLABORATIVE RESEARCH: GENOMIC CONSEQUENCES OF RECENT AND ANCIENT ALLOPOLYPLOIDY: A CONTINUUM OF AGES IN TRAGOPOGON (ASTERACEAE)

6/1/12 to 5/31/14 RESEARCH
SCHNABLE, PATRICK AGRONOMY-AES/CALS

\$215,725 DOD-NAVY-NAVAL AIR SYSTEMS COMMAND (NAVAIR)

4212046

111515 ENVIRONMENTALLY BENIGN INJECTION REPAIRS OF HIGH TEMPERATURE COMPOSITES WITH CYANATE ESTER RESINS

6/8/11 to 3/7/13 RESEARCH
KESSLER, MICHAEL MATERIALS SCIENCE & ENGINEERING-ENGR
CO-PI AKINC, MUFIT MATERIALS SCIENCE & ENGINEERING-ENGR

\$200,000 NSF-NATIONAL SCIENCE FOUNDATION

4204092

113803 EVOLUTIONARY CONVERGENCE OR PARALLELISM? EXAMINING RECURRENT PATTERNS OF PHENOTYPIC EVOLUTION IN MARINE SCALLOPS

8/1/11 to 7/31/14 RESEARCH
SERB, JEANNE ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS
CO-PI ADAMS, DEAN ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

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\$200,000 DEERE & COMPANY

4004093

118564 COMBINE CONTROL DEVELOPMENT, PHASE 1

7/1/12 to 10/30/12 RESEARCH

DARR, MATTHEW

AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

\$191,476 CORNELL UNIVERSITY

4103914

113748 NORTHERN GRAPES: INTEGRATING VITICULTURE, WINEMAKING, AND MARKETING OF NEW COLD-HARDY CULTIVARS SUPPORTING NEW AND GROWING RURAL WINERIES

9/1/11 to 8/31/12 RESEARCH

CO-PI DHARMADHIKARI, MURLIDHAR

FOOD SCIENCE & HUMAN NUTRITION-AES/CALS

CO-PI KOZIEL, JACEK

AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

CO-PI NONNECKE, GAIL

HORTICULTURE-AES/CALS

CO-PI DOMOTO, PAUL

HORTICULTURE-AES/CALS

\$182,607 NIH-NATIONAL INSTITUTES OF HEALTH

4302325

113483 SMALL OLIGONUCLEOTIDES AS THERAPEUTIC AGENTS OF SPINAL MUSCULAR ATROPHY

7/1/12 to 6/30/13 RESEARCH

SINGH, RAVINDRA

BIOMEDICAL SCIENCES-VET

CO-PI SINGH, NATALIA

BIOMEDICAL SCIENCES-VET

\$153,093 UNITED SOYBEAN BOARD

4594039

117221 THE USE OF VIGS TECHNOLOGY TO DECREASE YIELD-REDUCING STRESS IN SOYBEANS

6/1/11 to 5/31/13 RESEARCH

HILL, JOHN

PLANT PATHOLOGY-AES/CALS

CO-PI WHITHAM, STEVEN

PLANT PATHOLOGY-AES/CALS

\$151,004 NSF-NATIONAL SCIENCE FOUNDATION

4204010

113990 MOLECULAR MECHANISMS OF THE MRE11/RAD50 DNA REPAIR COMPLEX

9/1/11 to 8/31/15 RESEARCH

NELSON, SCOTT

BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS

\$150,000 IOWA DEPARTMENT OF TRANSPORTATION

4747783

104129 WORK PLAN FOR THE STATEWIDE URBAN DESIGN AND SPECIFICATIONS PROGRAM

7/1/09 to 6/30/12 RESEARCH

NAMBISAN, SHASHI

INSTITUTE FOR TRANSPORTATION-VPR/ED

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\$150,000 IOWA DEPARTMENT OF TRANSPORTATION

4747783

104129 WORK PLAN FOR THE STATEWIDE URBAN DESIGN AND SPECIFICATIONS PROGRAM

7/1/09 to 6/30/12 RESEARCH
CO-PI STEVENS, LARRY INSTITUTE FOR TRANSPORTATION-VPR/ED

\$145,000 NSF-NATIONAL SCIENCE FOUNDATION

4207117

115712 BONDING ANALYSIS OF AB INITIO ELECTRONIC WAVE FUNCTIONS IN MOLECULES

5/1/12 to 4/30/15 RESEARCH
RUEDENBERG, KLAUS CHEMISTRY-LAS
CO-PI GORDON, MARK CHEMISTRY-LAS

\$140,000 PENNSYLVANIA STATE UNIVERSITY

4046009

113942 TIGHTLY COUPLED MECHANISTIC STUDY OF MATERIALS IN THE EXTREME SPACE ENVIRONMENT

7/1/11 to 12/31/15 RESEARCH
RAJAN, KRISHNA MATERIALS SCIENCE & ENGINEERING-ENGR

\$139,131 DOD-AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR)

4212048

115073 NANO-ZIRCONIUM TUNGSTATE REINFORCED LIQUID CRYSTALLINE THERMOSETTING WITH NEAR ZERO THERMAL EXPANSION

3/15/12 to 3/14/15 RESEARCH
KESSLER, MICHAEL MATERIALS SCIENCE & ENGINEERING-ENGR

\$137,333 MIDWEST DAIRY ASSOCIATION

4004394

118767 2012 MIDWEST DAIRY RESEARCH FUNDING

1/1/12 to 12/31/12 RESEARCH
CLARK, STEPHANIE FOOD SCIENCE & HUMAN NUTRITION-HS
CO-PI BREHM-STECHER, BYRON FOOD SCIENCE & HUMAN NUTRITION-HS
CO-PI BOYLSTON, TERRI FOOD SCIENCE & HUMAN NUTRITION-HS

\$130,000 NSF-NATIONAL SCIENCE FOUNDATION

4206150

105553 STRUCTURE-COMPOSITION-PROPERTY RELATIONSHIPS IN COMPLEX INTERMETALLIC PHASES: EXPERIMENTAL STUDIES AND THEORETICAL PREDICTIONS

9/1/12 to 8/31/14 RESEARCH
MILLER, GORDON CHEMISTRY-LAS

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\$112,733	DOD-OFFICE OF NAVAL RESEARCH (ONR)	4212047
116672	FUNCTIONAL PROTEIN STRUCTURES IN SPIDER SILK FOR ULTRA-HIGH AND THERMAL CONDUCTIVITY AND EXCEPTIONAL THERMAL TUNABILITY 4/1/12 to 3/31/15 RESEARCH WANG, XINWEI MECHANICAL ENGINEERING-ENGR	
\$108,000	FOUND ANIMALS FOUNDATION	4002379
114560	DEVELOPMENT OF A VACCINE DELIVERY DEVICE THAT WILL MAINTAIN LIFE-LONG HIGH TITERS OF ANTI-GNRH ANTIBODIES 5/15/12 to 5/13/15 RESEARCH JONES, DOUGLAS VETERINARY PATHOLOGY-VET	
\$106,073	NSF-NATIONAL SCIENCE FOUNDATION	4204038
115884	CAREER: PHOTOPROTECTION FOR TOLERANCE TO ABIOTIC STRESS: DISCOVERY THROUGH NATURAL GENETIC VARIATION 5/15/12 to 4/30/17 RESEARCH SALAS-FERNANDEZ, MARIA AGRONOMY-AES/CALS	
\$103,229	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	4042026
106488	BIO-INSPIRED FLEXIBLE CELLULAR ACTUATING/SENSING SYSTEMS 8/1/10 to 7/31/13 RESEARCH BASTAWROS, ASHRAF AEROSPACE ENGINEERING-ENGR	
\$100,000	RMC RESEARCH & EDUCATION FOUNDATION	4001778
118580	NATIONAL TRAINING PROGRAM FOR STATE AND LOCAL PUBLIC AGENCIES ON CEMENT-BASED PAVING PRODUCTS 1/1/12 to 12/31/13 INSTRUCTION/TRAINING CACKLER, ELLS INSTITUTE FOR TRANSPORTATION-VPR/ED CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$94,728	UNIVERSITY OF GEORGIA	4044058
117172	TRPGR SOYMAPII: LEVERAGING UNTAPPED GENETIC DIVERSITY IN SOYBEAN 10/1/11 to 2/28/13 RESEARCH LAMKEY, KENDALL AGRONOMY-AES/CALS CO-PI SHOEMAKER, RANDY AGRONOMY-AES/CALS	

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\$85,000	NSF-NATIONAL SCIENCE FOUNDATION	4207102
95804	CAREER: ON MUTUALISM OF MODULARITY AND CONCURRENCY GOALS	
	7/1/09 to 6/30/14 RESEARCH	
	RAJAN, HRIDESH COMPUTER SCIENCE-LAS	
\$82,631	UNITED SOYBEAN BOARD	4594054
117491	DEVELOPMENT OF SOY BASED RUBBER AND SOY RUBBER COMPOSITES	
	6/1/12 to 5/31/13 RESEARCH	
	GREWELL, DAVID AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	KESSLER, MICHAEL MATERIALS SCIENCE & ENGINEERING-ENGR	
\$75,602	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	4102110
108520	MANAGEMENT OF THE SWITCHGRASS RUST DISEASE BY DEPLOYING HOST RESISTANT GENES AND MONITORING THE DYNAMICS OF PATHOGEN POPULATIONS	
	7/1/11 to 6/30/16 RESEARCH	
	YANG, BING GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
\$75,479	SOUTH DAKOTA STATE UNIVERSITY	4004885
116687	SOYBEAN APHID MANAGEMENT, RESISTANCE, AND OUTREACH IN THE NORTH CENTRAL REGION	
	3/1/12 to 2/28/13 RESEARCH	
	HODGSON, ERIN ENTOMOLOGY-AES/CALS	
\$65,691	NATIONAL PORK BOARD	4534052
118165	SWINE REPRODUCTION TROUBLESHOOTING AND MANAGEMENT GUIDE	
	5/9/12 to 5/8/13 EXTENSION/PUBLIC	
	MEISINGER, DAVID AGRICULTURE ADMINISTRATION-AES/CALS	
\$62,964	IOWA DEPARTMENT OF HUMAN SERVICES	4702844
118786	SERVICE TRAINING FOSU-12-00 AMENDMENT 3	
	4/2/12 to 6/30/12 INSTRUCTION/TRAINING	
	HONG, GONG-SOOG HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
CO-PI	MELBY, JANET HUMAN DEVELOPMENT & FAMILY STUDIES-HS	

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\$60,433	UNIVERSITY OF WISCONSIN MADISON		4044025
87000	GREAT LAKES BIOENERGY RESEARCH CENTER		
	9/30/07 to 11/30/12	RESEARCH	
	BABCOCK, BRUCE	ECONOMICS	
\$58,131	DEERE & COMPANY		4002062
114477	AN INTEGRATED COMPUTATIONAL MATERIALS ENGINEERING (ICME) APPROACH TO FATIGUE		
	2/14/12 to 2/13/13	RESEARCH	
	BECKMAN, SCOTT	MATERIALS SCIENCE & ENGINEERING-ENGR	
\$55,000	DOE-U.S. DEPARTMENT OF ENERGY		4012116
116958	TEST OF THE STANDARD MODEL USING BOOSTED W/Z BOSONS AND D*+ JETS AT THE ATLAS EXPERIMENT		
	5/1/12 to 3/31/13	RESEARCH	
	CHEN, CHUNHUI	PHYSICS & ASTRONOMY-LAS	
\$54,190	BAYER CROP SCIENCE		4003093
118358	EVALUATION OF BAYER CROP SCIENCE WEED MANAGEMENT TECHNOLOGIES		
	4/1/12 to 3/31/13	EXTENSION/PUBLIC	
	OWEN, MICHEAL	AGRONOMY-AES/CALS	
\$54,090	NORTH CENTRAL SOYBEAN RESEARCH		4594055
119135	THE SUDDEN DEATH SYNDROME RESEARCH ALLIANCE (PHASE II, 2010-2013)		
	3/1/12 to 2/28/13	RESEARCH	
	LEANDRO, LEONOR	PLANT PATHOLOGY-AES/CALS	
CO-PI	CIANZIO, SILVIA	AGRONOMY-AES/CALS	
CO-PI	BHATTACHARYYA, MADAN	AGRONOMY-AES/CALS	
CO-PI	BEAVIS, WILLIAM	AGRONOMY-AES/CALS	
\$53,000	USDA-FOREST SERVICE (FS)		4124541
105181	DISTRIBUTION AND INTENSIFICATION OF BUR OAK BLIGHT IN IOWA AND THE MIDWEST		
	1/1/10 to 12/31/14	RESEARCH	
	HARRINGTON, THOMAS	PLANT PATHOLOGY-AES/CALS	

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\$52,712 UNIVERSITY OF TEXAS DALLAS

4002095

117252 VERIFICATION OF MULTI-STATE VULNERABLE AMS CIRCUITS

4/1/12 to 7/31/12 RESEARCH

CO-PI GEIGER, RANDALL ELECTRICAL & COMPUTER ENGINEERING-ENGR
CHEN, DEGANG ELECTRICAL & COMPUTER ENGINEERING-ENGR

\$52,369 NATIONAL PORK BOARD

4534053

115196 INVESTIGATION OF EFFECTS OF THERMAL STRESS ON OVARIAN FUNCTION AND SEASONAL INFERTILITY

5/1/12 to 5/1/13 RESEARCH

CO-PI KEATING, AILEEN ANIMAL SCIENCE-AES/CALS
ROSS, JASON ANIMAL SCIENCE-AES/CALS
CO-PI BAUMGARD, LANCE ANIMAL SCIENCE-AES/CALS

\$50,750 HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES LLC

4042096

111773 DIAMOND THERMAL MANAGEMENT SYSTEM

1/10/11 to 9/30/11 RESEARCH

WANG, XINWEI MECHANICAL ENGINEERING-ENGR

\$50,000 HEARTLAND CENTER FOR LEADERSHIP DEVELOPMENT

4003095

116492 HTC POTTAWATTAMIE COUNTY-LEADERSHIP PROGRAM

3/1/12 to 6/30/14 EXTENSION/PUBLIC

FREEMAN, RUTH EXTENSION TO FAMILIES-EXT

\$50,000 NATIONAL PORK BOARD

4534051

117160 TESTING SOYBEAN PEROXIDASE FOR SWINE MANURE TREATMENT AND MITIGATION OF ODOROUS VOCS, AMMONIA, HYDROGEN SULFIDE AND GREENHOUSE GAS EMISSIONS

7/1/12 to 6/30/13 RESEARCH

KOZIEL, JACEK AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

\$50,000 IOWA WATERSHED IMPROVEMENT REVIEW BOARD

4714006

117475 SOIL NUTRIENT MASS BALANCE STUDY

10/1/11 to 12/31/12 RESEARCH

CO-PI CASTELLANO, MICHAEL AGRONOMY-AES/CALS
HELMERS, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

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\$50,000	DEERE & COMPANY				4004413
118768	GRAIN QUALITY IMAGE CLASSIFICATION				
	5/1/12 to 12/31/12	RESEARCH			
	DARR, MATTHEW		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS		
\$48,112	DPI GLOBAL				4002368
117271	USE OF METAGENOMICS TO ASSESS THE EFFECTS OF ANTIBACTERIAL FEED ADDITIVES				
	6/1/12 to 5/31/13	RESEARCH			
	SONGER, J		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET		
	CO-PI PHILLIPS, GREGORY		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET		
\$42,850	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)				4173013
97139	CHILDREN, YOUTH AND FAMILIES AT RISK LIAISON				
	5/15/09 to 5/14/13	EXTENSION/PUBLIC			
	WOODS, BARBARA		EXTENSION TO FAMILIES-EXT		
\$42,472	UNIVERSITY OF MINNESOTA TWIN CITIES				4103915
116027	COMMUNITY CAPACITY BUILDING TO STRENGTHEN THE LINKS WITHIN THE IOWA LOCAL FOODS VALUE CHAIN				
	1/1/12 to 12/31/13	EXTENSION/PUBLIC			
	CHASE, CRAIG		EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT		
	CO-PI NAEVE, LINDA		VALUE ADDED AGRICULTURE-EXT		
\$42,000	IA DPS-GOVERNORS TRAFFIC SAFETY BUREAU				4781728
118820	SEAT BELT USE SURVEY 2012				
	5/1/12 to 9/30/12	RESEARCH			
	HUCK, SHIRLEY		SURVEY AND BEHAVIORAL RESEARCH SERVICES-VPR/ED		
\$41,000	NSF-NATIONAL SCIENCE FOUNDATION				4206504
117785	GRDS: COLLABORATIVE RESEARCH: ENHANCED IMMERSIVE TECHNOLOGY TO IMPROVE COLLABORATIVE DECISION MAKING				
	7/1/11 to 6/30/14	RESEARCH			
	VANCE, JUDY		MECHANICAL ENGINEERING-ENGR		

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\$40,870	NSF-NATIONAL SCIENCE FOUNDATION			4202137
105617	COLLABORATIVE RESEARCH: MATHEMATICAL ASPECT IN QUANTUM INFORMATION SCIENCE			
	9/15/10 to 8/31/13	RESEARCH		
	POON, YIU		MATHEMATICS-LAS	
\$40,000	PENNSYLVANIA STATE UNIVERSITY			4042092
118174	IFAB FOUNDRY			
	4/24/12 to 7/1/12	RESEARCH		
	FRANK, MATTHEW		INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
CO-PI	PETERS, FRANK		INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
\$40,000	ARIZONA STATE UNIVERSITY			4002017
118743	ANALYTICAL METHODS FOR THE STUDY OF INVESTMENT STRATEGIES IN COMPLIANCE WITH ENVIRONMENTAL POLICY REQUIREMENTS			
	6/1/12 to 8/31/13	RESEARCH		
	WANG, LIZHI		INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
\$39,707	STATE LIBRARY OF IOWA			4783037
118253	SMART INVESTING @ YOUR LIBRARY: OUTREACH TO RURAL IOWANS			
	1/29/12 to 6/30/13	EXTENSION/PUBLIC		
	FLETCHER, CYNTHIA		HUMAN DEVELOPMENT & FAMILY STUDIES-EXT	
\$38,601	CONSORTIUM FOR PLANT BIOTECHNOLOGY RESEARCH INC			4044038
104078	DISCOVERY OF NOVEL GENES IN CREEPING BENTGRASS BY HIGH THROUGHPUT GENE SILENCING WITH SPECIALIZED INVERTED REPEAT CDNA LIBRARIES			
	1/1/12 to 12/31/12	RESEARCH		
	FEI, SHUIZHANG		HORTICULTURE-AES/CALS	
CO-PI	YIN, YANHAI		GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS	
\$37,905	UNIVERSITY OF CALIFORNIA DAVIS			4104095
116074	IMPLICATIONS OF U.S. CLIMATE POLICY CHOICES FOR AGRICULTURAL INPUT COMPETITIVENESS, COSTS, AND USAGE			
	7/1/11 to 6/30/12	RESEARCH		
	HAYES, DERMOT		ECONOMICS-AES/CALS	

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\$35,221	DUBUQUE COUNTY EXTENSION OFFICE	4003370
115061	PROGRAM ENHANCEMENTS FOR DUBUQUE COUNTY AND EXTENSION REGION 11	
	7/1/11 to 6/30/13 EXTENSION/PUBLIC	
	FRANZ, NANCY EXTENSION TO FAMILIES-EXT	
CO-PI	WARNING, JEANNE EXTENSION TO FAMILIES-EXT	
\$34,902	EPA-U.S. ENVIRONMENTAL PROTECTION AGENCY	4292101
119023	EPA STAR GRADUATE FELLOWSHIP	
	8/7/12 to 8/6/13 FELLOWSHIP	
	WILSEY, BRIAN ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
CO-PI	MARTIN, LEANNE ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$34,722	ED-U.S. DEPARTMENT OF EDUCATION	4325711
116617	PELL GRANT, FY12	
	7/1/11 to 6/30/12 STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
\$34,665	STANFORD UNIVERSITY	4046004
104059	CENTER ON INTERFACIAL ENGINEERING FOR MICROELECTROMECHANICAL SYSTEMS	
	6/18/10 to 3/31/13 RESEARCH	
	RAJAN, KRISHNA MATERIALS SCIENCE & ENGINEERING-ENGR	
\$33,120	DOT-FEDERAL HIGHWAY ADMINISTRATION (FHWA)	4361720
99601	CONCRETE OVERLAY FIELD APPLICATION PROGRAM	
	9/23/09 to 7/25/12 RESEARCH	
	CACKLER, ELLS INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$32,917	MUSCATINE COUNTY AGRICULTURAL EXTENSION DISTRICT	4003319
114520	EXPANDING 4-H YOUTH DEVELOPMENT IN MUSCATINE COUNTY	
	7/1/11 to 6/30/13 EXTENSION/PUBLIC	
	MORRIS, JOHN EXTENSION 4-H YOUTH DEVELOPMENT-EXT	

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\$32,143	JACKSON COUNTY AGRICULTURAL EXTENSION DISTRICT	4003328
114834	PROGRAM ENHANCEMENT FOR JACKSON COUNTY EXTENSION DISTRICT	
	7/1/11 to 6/30/13 EXTENSION/PUBLIC	
	JOHANSEN, LUANN EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
CO-PI	MORRIS, JOHN EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$30,000	COMMUNITY FOUNDATION OF GREATER DUBUQUE	4004447
117865	NORTHEAST IOWA FOOD AND FITNESS INITIATIVE: EVALUATION STRATEGIES PROPOSAL ISU COMMUNITY CHANGE PLANNING AND FACILITATION TEAM	
	1/1/12 to 10/31/12 RESEARCH	
	FLORA, CORNELIA SOCIOLOGY-AES/CALS	
\$30,000	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	4124040
118744	AGDISCOVERY 2012: INVESTING IN THE FUTURE OF WILDLIFE AND DOMESTIC ANIMAL HEALTH	
	5/1/12 to 9/30/12 EXTENSION/PUBLIC	
	FAIRBANKS, WENDELYN NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
CO-PI	CHRISTOFFEL, REBECCA EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	
\$30,000	UCHICAGO ARGONNE LLC-ARGONNE NATIONAL LABORATORY	4046107
118810	PERFORM ANALYSIS ON DATA FROM THE ATLAS DETECTOR	
	6/1/12 to 5/31/13 RESEARCH	
	PRELL, SOEREN PHYSICS & ASTRONOMY-LAS	
\$29,731	SOUTH DAKOTA STATE UNIVERSITY	4004886
116675	SOYBEAN APHID MANAGEMENT, RESISTANCE, AND OUTREACH IN THE NORTH CENTRAL REGIONS	
	3/1/12 to 2/28/13 RESEARCH	
	ONEAL, MATTHEW ENTOMOLOGY-AES/CALS	
\$26,309	MRI GLOBAL	4001773
118413	INITIAL USRAP ACTIVITIES FOR 2012	
	5/21/04 to 12/31/12 RESEARCH	
	HANS, ZACHARY INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED	

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\$26,000	ED-U.S. DEPARTMENT OF EDUCATION	4325709
116616	TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION (TEACH) GRANT, FY12	
	7/1/11 to 6/30/12 STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
\$25,800	USDA-NATIONAL AGRICULTURAL STATISTICS SERVICE (NASS)	4121721
118290	NEW APPROACHES FOR AREA FRAME DEVELOPMENT, AREA SAMPLE DESIGN, AND GEOSPATIAL DATA COLLECTION	
	3/1/11 to 9/30/13 RESEARCH	
	NUSSER, SARAH STATISTICS-LAS	
CO-PI	KIM, JAE-KWANG STATISTICS-LAS	
CO-PI	YU, CINDY STATISTICS-LAS	
CO-PI	ZHU, ZHENGYUAN STATISTICS-LAS	
\$25,000	SOUTH DAKOTA STATE UNIVERSITY	4004887
116710	SOYBEAN APHID MANAGEMENT, RESISTANCE, AND OUTREACH IN THE NORTH CENTRAL REGION	
	3/1/12 to 2/28/13 RESEARCH	
	BONNING, BRYONY ENTOMOLOGY-AES/CALS	
\$25,000	XM COMPANIA DE EXPERTOS	4006014
118963	EPRC SUPPORT	
	1/1/12 to 12/31/12 RESEARCH	
	CHRISTY, COLIN ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$25,000	NORTH CENTRAL SOYBEAN RESEARCH	4594053
119008	IMPROVING MANAGEMENT OF SOYBEAN CYST NEMATODE THROUGH EXTENSION DEMONSTRATION AND OUTREACH-PHASE II	
	3/1/12 to 2/28/13 RESEARCH	
	TYLKA, GREGORY PLANT PATHOLOGY-AES/CALS	
\$24,998	NSF-NATIONAL SCIENCE FOUNDATION	4206129
118141	COLLABORATIVE RESEARCH: SEX CHROMOSOME EVOLUTION IN TURTLES	
	5/1/12 to 12/31/12 RESEARCH	
	VALENZUELA-CASTRO, MARIA ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	

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\$23,496	IOWA DEPARTMENT OF HUMAN SERVICES			4703023
118528	PROJECT RECOVERY IOWA			
	11/11/11 to 12/11/12	EXTENSION/PUBLIC		
	VANGINKEL, MARGARET		EXTENSION TO FAMILIES-EXT	
\$22,800	SYNGENTA CROP PROTECTION LLC			4004298
118627	EVALUATION OF GRASSY WEED CONTROL IN COOL-SEASON TURFGRASS EVALUATION OF A19238B IN COMBINATION WITH A19190C FOR TURFGRASS ENHANCEMENT AND REGULATION (C. BENTGRASS AND POA ANNUA)			
	5/15/12 to 10/15/12	RESEARCH		
	CHRISTIANS, NICK		HORTICULTURE-AES/CALS	
\$20,200	THE TRIVEDI FOUNDATION			4004372
118505	INFLUENCE OF THE TRIVEDI EFFECT ON SOYBEAN HEALTH, YIELD AND QUALITY			
	5/1/11 to 4/30/13	RESEARCH		
	LENSEN, ANDREW		AGRONOMY-AES/CALS	
\$20,000	UNIVERSITY OF NEBRASKA LINCOLN			4004889
116794	GY-12 FOOD AND AGRICULTURE RESEARCH EXPERIENCES FOR TEACHERS-EXPANDING THE MODEL BEYOND NEBRASKA			
	4/1/12 to 3/31/13	FELLOWSHIP		
	HODGSON, ERIN		ENTOMOLOGY-AES/CALS	
\$19,680	DOT-FEDERAL HIGHWAY ADMINISTRATION (FHWA)			4361712
98129	GUIDE FOR EXISTING CONCRETE OVERLAY DESIGN METHODOLOGY			
	9/4/09 to 7/25/12	RESEARCH		
	CO-PI CACKLER, ELLS		INSTITUTE FOR TRANSPORTATION-VPR/ED	
	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$18,000	U.S. DAIRY EXPORT COUNCIL			4002353
117742	REVIEW OF SCIENTIFIC LITERATURE RELATED TO INACTIVATION OF FOOT AND MOUTH DISEASE VIRUS IN MILK AND MILK PRODUCTS			
	4/26/12 to 8/26/12	EXTENSION/PUBLIC		
	ROTH, JAMES		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	

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\$16,500	BAYER CROP SCIENCE			4003079
118689	FUNGICIDE AND INSECTICIDE STUDY			
	5/1/12 to 4/30/13	RESEARCH		
	MUELLER, DAREN		PLANT PATHOLOGY-AES/CALS	
\$15,819	CARD AGROCREDIT LLC			4003094
118467	AGRICULTURE CREDIT SCHOOL FOR CARD AGROCREDIT			
	5/5/12 to 5/19/12	INSTRUCTION/TRAINING		
	EDELMAN, MARK		ECONOMICS-EXT	
\$14,958	NSF-NATIONAL SCIENCE FOUNDATION			4202195
116997	DISSERTATION RESEARCH: DISENTANGLING SPATIAL PATTERNS AND SCALE-DEPENDENCY OF SOIL MICROBIAL COMMUNITIES IN AN AGRICULTURAL LANDSCAPE			
	5/1/12 to 4/30/13	FELLOWSHIP		
	HOFMOCKEL, KIRSTEN		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
CO-PI	HARGREAVES, SARAH		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$14,935	NSF-NATIONAL SCIENCE FOUNDATION			4207118
117013	DISSERTATION RESEARCH: INTEGRATING STEM APPROACHES TO UNDERSTAND THE DISPERSAL OF GRASSLAND PLANTS			
	5/15/12 to 4/30/14	RESEARCH		
	HARPOLE, WILLIAM		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
CO-PI	SULLIVAN, LAUREN		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$14,682	OGENA SOLUTIONS LLC			4002361
118510	ACCELERATED HYDROGEN PEROXIDE IN THE TREATMENT OF DIGITAL DERMATITIS OF DAIRY CATTLE			
	5/1/12 to 12/31/12	RESEARCH		
	PLUMMER, PAUL		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	LEUSCHEN, BRUCE		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	GORDEN, PATRICK		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	SHEARER, JAN		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$13,954	DOT-FEDERAL HIGHWAY ADMINISTRATION (FHWA)			4361726
115090	CONTINUATION OF TASK ORDER 4 ACTIVITIES FOR THE IMPLEMENTATION OF THE CP ROAD MAP			
	11/1/10 to 6/30/11	RESEARCH		
	CAACKLER, ELLS		INSTITUTE FOR TRANSPORTATION-VPR/ED	

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\$13,954	DOT-FEDERAL HIGHWAY ADMINISTRATION (FHWA)		4361726
115090	CONTINUATION OF TASK ORDER 4 ACTIVITIES FOR THE IMPLEMENTATION OF THE CP ROAD MAP		
	11/1/10 to 6/30/11	RESEARCH	
CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$12,001	NSF-NATIONAL SCIENCE FOUNDATION		4202076
111220	EAGER: MASSIVELY PARALLEL, MASKLESS, DIRECT-WRITE PLASMONICS NANOLITHOGRAPHY		
	9/1/10 to 8/31/12	RESEARCH	
CO-PI	MOLIAN, PALANIAPPA	MECHANICAL ENGINEERING-ENGR	
	LIN, ZHIQUN	MATERIALS SCIENCE & ENGINEERING-ENGR	
\$12,000	THE NATURE CONSERVANCY		4003901
118520	UPDATING THE ECONOMIC VALUE OF IOWA'S NATURAL RESOURCES		
	4/15/12 to 9/15/12	RESEARCH	
	OTTO, DANIEL	ECONOMICS-EXT	
\$12,000	NSF-NATIONAL SCIENCE FOUNDATION		4202562
118754	GOALI: A HYBRID METHOD TO SUPPORT NATURAL INTERACTION OF PARTS IN A VIRTUAL ENVIRONMENT		
	5/18/12 to 7/31/12	RESEARCH	
	VANCE, JUDY	MECHANICAL ENGINEERING-ENGR	
\$11,547	IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES		4784011
117852	AN INVESTIGATION OF THE ECONOMIC IMPACT OF IN-STATE LINKAGES WHEN AWARDED STATE CONTRACTS		
	5/1/12 to 7/30/12	RESEARCH	
	SWENSON, DAVID	ECONOMICS-AES/CALS	
\$11,500	MONSANTO COMPANY		4004415
118775	PLOT CAGE EVALUATION OF APHID RESISTANCE		
	5/1/12 to 12/1/12	RESEARCH	
	ONEAL, MATTHEW	ENTOMOLOGY-AES/CALS	

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\$10,500	BAYER CROPS SCIENCE			4003311
118673	CORN FUNGICIDE TREATMENTS FOR DISEASE CONTROL, STALK HEALTH AND GRAIN YIELD			
	5/1/12 to 4/30/13	RESEARCH		
	ROBERTSON, ALISON		PLANT PATHOLOGY-EXT	
\$10,000	UNIVERSITY OF NORTHERN IOWA			4754008
118605	IOWA: FIELD (EXPERIMENT) OF DREAMS?			
	12/1/11 to 8/31/12	RESEARCH		
	HORNBUCKLE, BRIAN		AGRONOMY-AES/CALS	
\$9,957	IOWA PORK PRODUCERS ASSOCIATION			4533010
118447	PRECISION NUTRITION FOR PORK NICHE MARKETS: CHARACTERIZING FEED INTAKE, GROWTH RATE, AND FAT DEPOSITION OF PUREBRED BERKSHIRE PIGS HOUSED IN IOWA HOOP BARN			
	4/1/12 to 4/1/13	RESEARCH		
	MABRY, JOHN		IOWA PORK INDUSTRY CENTER-EXT	
CO-PI	LAMMERS, PETER		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	SWANTEK, P		EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	
\$9,000	WOODBURY COUNTY EXTENSION OFFICE			4003029
119018	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM			
	9/1/11 to 8/31/12	EXTENSION/PUBLIC		
	TALLMAN, KELI		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$8,440	UNIVERSITY OF NEBRASKA LINCOLN			4004448
116948	SUMMER INTERSEEDING AND AGGRESSIVE POST-SEEDING HERBICIDES TO REDUCE ANNUAL BLUEGRASS IN FAIRWAYS			
	6/1/12 to 5/31/14	RESEARCH		
	MINNER, DAVID		HORTICULTURE-AES/CALS	
\$8,000	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)			4194024
118861	CONTRIBUTION OF WOODY VEGETATION TO ORGANIC MATTER CONTENT OF SOILS UNDER FOREST PLANTATIONS-ASSESSMENT FOR BIOENERGY PRODUCTION.			
	4/11/12 to 2/8/14	RESEARCH		
	HALL, RICHARD		NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	

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\$7,500	CENTERVILLE COMMUNITY SCHOOL DISTRICT	4003029
117007	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/12 to 8/31/12 EXTENSION/PUBLIC	
	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$7,500	CENTERVILLE COMMUNITY SCHOOL DISTRICT	4003029
117007	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/12 to 8/31/12 EXTENSION/PUBLIC	
	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$6,750	COMMUNITY FOUNDATION OF GREATER DUBUQUE	4003029
119020	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/11 to 8/31/12 EXTENSION/PUBLIC	
	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$6,067	KRELL INSTITUTE INC	4042167
118015	COMPUTATIONAL SCIENCE GRADUATE FELLOWSHIP	
	6/15/11 to 9/15/11 FELLOWSHIP	
	GORDON, MARK CHEMISTRY-LAS	
\$6,000	NSF-NATIONAL SCIENCE FOUNDATION	4206212
118439	BRIGE: ARCHITECTURES AND CIRCUITS FOR SIMULTANEOUS SPECTRUM SENSING AND DATA RECEPTION IN COGNITIVE RADIO	
	5/12/12 to 7/31/12 RESEARCH	
	NEIHART, NATHAN ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$6,000	NSF-NATIONAL SCIENCE FOUNDATION	4206213
118822	HIGH-RESOLUTION ELECTRICAL SENSING OF SURFACE CHARGES AND CURRENTS OF LIVING CELLS	
	5/11/12 to 7/31/13 RESEARCH	
	PANDEY, SANTOSH ELECTRICAL & COMPUTER ENGINEERING-ENGR	

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\$6,000	AMERICAN RED CROSS	4003029
119015	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/11 to 8/31/12 EXTENSION/PUBLIC	
	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
	CO-PI MCCARTHY, JUDY EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$5,625	NSF-NATIONAL SCIENCE FOUNDATION	4207101
118790	CAREER: RATIONALLY DESIGNED CONJUGATED POLYMERS BASED ON BENZOBISAZOLES	
	6/1/09 to 5/31/14 RESEARCH	
	JEFFRIES-EL, MALIKA CHEMISTRY-LAS	
\$5,200	ACADEMY OF APPLIED SCIENCE	4046106
118574	SUMMER INTERNSHIP FOR HIGH-SCHOOL STUDENTS	
	5/15/12 to 8/31/12 INSTRUCTION/TRAINING	
	CERVATO, CINZIA GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	
\$5,005	NSF-NATIONAL SCIENCE FOUNDATION	4204026
116416	INTERNATIONAL PLANNING VISIT: COMPLEX INTERACTIONS OF ECOLOGICAL AND SOCIOECONOMIC FACTORS THAT DRIVE SUSTAINABILITY OF ANCIENT SOUTH INDIAN AGROECOSYSTEMS	
	5/1/12 to 4/30/13 RESEARCH	
	RUSSELL, ANN NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$5,000	TEXAS TECH UNIVERSITY	4046014
117579	METAL-HYDRIDE BASED REACTIVE MATERIAL COMPOSITES	
	6/1/12 to 5/31/17 RESEARCH	
	LEVITAS, VALERY AEROSPACE ENGINEERING-ENGR	
\$5,000	RAYTHEON NETWORK CENTRIC SYSTEMS	4002091
117936	RAYTHEON DOCKING STATION	
	4/23/12 to 6/4/12 RESEARCH	
	WLEZIEN, RICHARD AEROSPACE ENGINEERING-ENGR	

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\$5,000	IOWA DEPARTMENT OF NATURAL RESOURCES	4734227
118854	THE UTILITY OF THREE DIMENSIONAL SURFACE SCANNER TECHNOLOGY FOR THE IDENTIFICATION OF SHELL VARIATION IN FRESHWATER MUSSELS 5/10/12 to 6/30/12 RESEARCH ROE, KEVIN NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$5,000	WORLD WILDLIFE FUND	4004002
118962	MOUNTAIN PLOVER MIGRATION WITH GEOLOCATORS 5/1/11 to 9/30/12 RESEARCH DINSMORE, STEPHEN NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$4,760	IOWA DEPARTMENT OF NATURAL RESOURCES	4734215
118732	PILOT STUDY: BIOACOUSTICAL MONITORING AND RESPONSE OF BIRD SPECIES TO CREATION OF EARLY SUCCESSIONAL HABITAT IN NORTHEAST IOWA 5/1/12 to 6/30/12 RESEARCH FAIRBANKS, WENDELYN NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$4,500	EVERYBODY WINS! IOWA	4003029
117010	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM 9/1/11 to 8/31/12 EXTENSION/PUBLIC TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$4,500	YOUTH & SHELTER SERVICES	4003029
119013	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM 9/1/11 to 8/31/12 EXTENSION/PUBLIC TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$4,500	WOODBURY COUNTY EXTENSION OFFICE	4003029
119018	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM 9/1/11 to 8/31/12 EXTENSION/PUBLIC TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	

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\$4,166	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	4103906
111290	INTEGRATED MANAGEMENT OF OOMYCETE DISEASES OF SOYBEAN AND OTHER CROP PLANTS	
	4/1/11 to 3/31/13 RESEARCH	
	ROBERTSON, ALISON PLANT PATHOLOGY-AES/CALS	
\$4,000	AMERICAN HUMANE ASSOCIATION	4002375
116137	AN INVESTIGATION OF THE BEHAVIORAL NEEDS OF DOGS AND CATS HOUSED AT ANIMAL SHELTERS DUE TO CRUELTY/NEGLECT VERSUS OWNER RELINQUISHMENT	
	6/1/12 to 8/24/12 RESEARCH	
	MILLMAN, SUZANNE VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$4,000	MORRIS ANIMAL FOUNDATION	4002359
118457	THE EFFECT OF TOPICAL 0.5% TIMOLOL OPHTHALMIC SOLUTION ON CANINE TEARS	
	6/1/12 to 8/31/12 RESEARCH	
	ALLBAUGH, RACHEL VETERINARY CLINICAL SCIENCES-VET	
	CO-PI PETERSEN, CHRISTINE VETERINARY PATHOLOGY-VET	
\$3,500	UNIVERSITY OF CALIFORNIA-LAWRENCE BERKELEY NATIONAL LABORATORY	4042532
118443	SYNTHESIS OF STANNYLATED ROSAMINES	
	1/1/11 to 6/30/12 RESEARCH	
	KRAUS, GEORGE CHEMISTRY-LAS	
\$3,426	WADDAN SYSTEMS	4003029
119010	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/11 to 8/31/12 EXTENSION/PUBLIC	
	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$3,000	ED-U.S. DEPARTMENT OF EDUCATION	4325709
116616	TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION (TEACH) GRANT, FY12	
	7/1/11 to 6/30/12 STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	

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\$3,000	UNITED ACTION FOR YOUTH			4003029
117008	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM			
	9/1/11 to 8/31/12	EXTENSION/PUBLIC		
	TALLMAN, KELI		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$3,000	BAYER CROP SCIENCE			4004371
118678	EVALUATE STRATEGO YLD AND LEVERAGE 360 FOR YIELD ENHANCEMENT AND INSECT CONTROL			
	5/1/12 to 5/1/13	RESEARCH		
	HODGSON, ERIN		ENTOMOLOGY-AES/CALS	
\$2,560	IOWA DEPARTMENT OF PUBLIC HEALTH			4782122
118817	MOU-2012-ISU25			
	7/1/11 to 6/30/12	RESEARCH		
	SHELLEY, MACK		STATISTICS-LAS	
\$2,134	LUTHERAN SERVICES OF IOWA			4003029
117261	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM			
	9/1/11 to 8/31/12	EXTENSION/PUBLIC		
	TALLMAN, KELI		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$2,100	IOWA DEPARTMENT OF NATURAL RESOURCES			4732106
118681	STUDENTS & SERPENTS: EDUCATION THROUGH HANDS-ON FIELD STUDIES OF SNAKES			
	5/14/12 to 3/31/13	RESEARCH		
	BRONIKOWSKI, ANNE		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
CO-PI	GANGLOFF, ERIC		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$1,999	NSF-NATIONAL SCIENCE FOUNDATION			4206009
118882	RESUSPENSION OF E. COLI IN SEDIMENT LADEN STREAMS			
	5/31/12 to 5/31/13	RESEARCH		
	SOUPIR, MICHELLE		AGRICULTURAL & BIOSYSTEMS ENGINEERING-ENGR	

May 01 - 31, 2012

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

510

\$1,500	BLACK HAWK COUNTY EXTENSION OFFICE	4003029
116566	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/11 to 8/31/12 EXTENSION/PUBLIC	
	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,500	ADAIR COUNTY EXTENSION OFFICE	4003029
117001	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/11 to 8/31/12 EXTENSION/PUBLIC	
	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,500	COMMUNITY FOUNDATION OF THE GREAT RIVER BEND	4003029
117009	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/11 to 8/31/12 EXTENSION/PUBLIC	
	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,500	COMMUNITY FOUNDATION OF THE GREAT RIVER BEND	4003029
117009	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/11 to 8/31/12 EXTENSION/PUBLIC	
	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,275	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194024
118861	CONTRIBUTION OF WOODY VEGETATION TO ORGANIC MATTER CONTENT OF SOILS UNDER FOREST PLANTATIONS-ASSESSMENT FOR BIOENERGY PRODUCTION.	
	4/11/12 to 2/8/14 RESEARCH	
	HALL, RICHARD NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$1,000	GLUCAN BIORENEWABLES INC	4007204
118769	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP	
	4/18/12 to 4/17/13 RESEARCH	
	SHANKS, BRENT CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	

May 01 - 31, 2012

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

511

\$796 LOUISA COUNTY EXTENSION OFFICE

4003029

117606 LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM

9/1/11 to 8/31/12 EXTENSION/PUBLIC

TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT

\$528 USDA-AGRICULTURAL RESEARCH SERVICES (ARS)

4194955

112018 RESEARCH SUPPORT AGREEMENT

10/1/10 to 9/30/11 RESEARCH

LAMKEY, KENDALL AGRONOMY-AES/CALS

\$500 IOWA NATIVE PLANT SOCIETY

4002170

118626 EVALUATION OF TECHNIQUES FOR THE RESTORATION OF SEDGE MEADOW VEGETATION

3/1/12 to 12/31/12 RESEARCH

VAN DER VALK, ARNOLD ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

\$500 HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES LLC

4046013

118774 STAINLESS STEEL RECYCLING

3/3/12 to 5/31/12 RESEARCH

MARTIN, MICHAEL MATERIALS SCIENCE & ENGINEERING-ENGR

\$500 HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES LLC

4046012

118779 SYNTACTIC FOAM PROCESS DESIGN AND MATERIAL CHARACTERIZATION

3/3/12 to 5/31/12 RESEARCH

MARTIN, MICHAEL MATERIALS SCIENCE & ENGINEERING-ENGR