

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

<b>\$54,255,598</b>	VARIOUS ISUF DONORS-OTHER (NONPROFIT)	9999999
<b>125104</b>	IOWA STATE UNIVERSITY FOUNDATION DONATIONS (NONPROFIT)	
	6/1/12 to 5/31/13 MISCELLANEOUS LEATH, STEVEN PRESIDENT-PRES	
<b>\$10,696,321</b>	VARIOUS ISU FOUNDATION	9999999
<b>125105</b>	IOWA STATE UNIVERSITY FOUNDATION DONATIONS (INDUSTRY/CORPORATE)	
	6/1/12 to 5/31/13 MISCELLANEOUS LEATH, STEVEN PRESIDENT-PRES	
<b>\$3,525,896</b>	VARIOUS NONPROFIT ORGANIZATIONS	2065701
<b>125114</b>	SCHOLARSHIP SUPPORT SPRING 2013	
	1/14/13 to 5/10/13 SCHOLARSHIP JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
<b>\$2,900,525</b>	DOE-U.S. DEPARTMENT OF ENERGY	4012501
<b>93016</b>	OPERATING AND MANAGEMENT SUPPORT FOR THE AMES LABORATORY	
	11/1/08 to 12/31/15 RESEARCH KING, ALEXANDER AMES LABORATORY DOE-VPR/ED	
<b>\$2,635,019</b>	VARIOUS NONPROFIT ORGANIZATIONS	2065701
<b>125110</b>	SCHOLARSHIP SUPPORT FALL 2012	
	8/20/12 to 12/14/12 SCHOLARSHIP JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
<b>\$2,550,000</b>	USDA-NATURAL RESOURCES CONSERVATION SERVICE (NRCS)	4121710
<b>122526</b>	STATISTICAL AND SURVEY METHODS SUPPORT FOR THE NATIONAL RESOURCES INVENTORY	
	8/13/11 to 6/30/14 RESEARCH NUSSER, SARAH STATISTICS-LAS CO-PI KIM, JAE-KWANG STATISTICS-LAS CO-PI YU, CINDY STATISTICS-LAS CO-PI ZHU, ZHENGYUAN STATISTICS-LAS CO-PI BERG, EMILY CENTER FOR SURVEY STATISTICS & METHODOLOGY-VPR/ED	

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<b>\$1,855,357</b>	IOWA DEPARTMENT OF HUMAN SERVICES	4702811
<b>125083</b>	SERVICE TRAINING FOSU-14-001	
	7/1/13 to 6/30/14 EXTENSION/PUBLIC	
CO-PI	HONG, GONG-SOOG HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
	MELBY, JANET INSTITUTE FOR SOCIAL & BEHAVIORAL RESEARCH-VPR/ED	
<b>\$1,331,626</b>	IOWA DEPARTMENT OF HUMAN SERVICES	4702812
<b>125001</b>	CHILD SUPPORT TRAINING BOC-12-005, THIRD AMENDMENT	
	7/1/13 to 6/30/14 EXTENSION/PUBLIC	
CO-PI	HONG, GONG-SOOG HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
	MELBY, JANET INSTITUTE FOR SOCIAL & BEHAVIORAL RESEARCH-VPR/ED	
<b>\$908,004</b>	VARIOUS STATE OF IOWA	2075702
<b>125116</b>	SCHOLARSHIP SUPPORT SPRING 2013	
	1/14/13 to 5/10/13 SCHOLARSHIP	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
<b>\$823,689</b>	VARIOUS STATE OF IOWA	2075702
<b>125112</b>	SCHOLARSHIP SUPPORT FALL 2012	
	8/20/12 to 12/14/12 SCHOLARSHIP	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
<b>\$790,546</b>	VARIOUS NONPROFIT ORGANIZATIONS	2061225
<b>125113</b>	SCHOLARSHIP SUPPORT SPRING 2013	
	1/14/13 to 5/10/13 SCHOLARSHIP	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
<b>\$695,577</b>	USDA-RURAL DEVELOPMENT (RD)	4123014
<b>120819</b>	AGRICULTURAL MARKETING RESOURCE CENTER	
	6/1/13 to 8/31/14 EXTENSION/PUBLIC	
	HANSEN, RAYMOND VALUE ADDED AGRICULTURE-EXT	

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<b>\$681,237</b>	VARIOUS NONPROFIT ORGANIZATIONS	2061225
<b>125109</b>	SCHOLARSHIP SUPPORT FALL 2012	
	8/20/12 to 12/14/12 SCHOLARSHIP	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
<b>\$578,001</b>	NSF-NATIONAL SCIENCE FOUNDATION	4207201
<b>104052</b>	NECO, GK-12: GROWING THE GREEN COLLAR WORKFORCE FOR THE 21ST CENTURY	
	6/1/10 to 5/31/15 FELLOWSHIP	
	NIKOLAU, BASIL BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS	
CO-PI	JOHNSTON, ELGIN MATHEMATICS-LAS	
CO-PI	WOO, KEITH CHEMISTRY-LAS	
CO-PI	GENALO, LAWRENCE MATERIALS SCIENCE & ENGINEERING-ENGR	
CO-PI	SHANKS, BRENT NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	
CO-PI	LESHEM-ACKERMAN, ADAH ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
CO-PI	SCHMIDT, DENISE CENTER FOR TECHNOLOGY IN LEARNING & TEACHING-HS	
CO-PI	DOBBS, DRENA GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS	
CO-PI	BOBIK, THOMAS BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS	
CO-PI	LUBBERSTEDT, THOMAS AGRONOMY-AES/CALS	
CO-PI	WURTELE, EVE GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS	
CO-PI	RAMAN, DAVID AGRICULTURAL & BIOSYSTEMS ENGINEERING-ENGR	
CO-PI	SHANKS, JACQUELINE CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
<b>\$523,978</b>	UNIVERSITY OF NORTHERN IOWA	4753011
<b>125128</b>	REGIONAL STEM SCALE-UP PROGRAMS SUPPORT FOR FY14	
	7/1/13 to 6/30/14 EXTENSION/PUBLIC	
	STAKER, JAY EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
CO-PI	CAMPBELL, LYNNE EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
<b>\$442,000</b>	DOE-U.S. DEPARTMENT OF ENERGY	4012128
<b>120020</b>	INVESTIGATIONS IN EXPERIMENTAL AND THEORETICAL HIGH ENERGY PHYSICS	
	5/1/13 to 3/31/14 RESEARCH	
	COCHRAN, JAMES PHYSICS & ASTRONOMY-LAS	
CO-PI	VALENCIA, GERMAN PHYSICS & ASTRONOMY-LAS	
CO-PI	PRELL, SOEREN PHYSICS & ASTRONOMY-LAS	
CO-PI	CHEN, CHUNHUI PHYSICS & ASTRONOMY-LAS	

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<b>\$442,000</b>	DOE-U.S. DEPARTMENT OF ENERGY	4012128
<b>120020</b>	INVESTIGATIONS IN EXPERIMENTAL AND THEORETICAL HIGH ENERGY PHYSICS	
	5/1/13 to 3/31/14 RESEARCH	
CO-PI	WHISNANT, KERRY	PHYSICS & ASTRONOMY-LAS
<b>\$403,932</b>	PENNSYLVANIA STATE UNIVERSITY	4042092
<b>118174</b>	IFAB FOUNDRY	
	4/24/12 to 8/13/13 RESEARCH	
CO-PI	FRANK, MATTHEW	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR
	PETERS, FRANK	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR
<b>\$399,999</b>	NSF-NATIONAL SCIENCE FOUNDATION	4206244
<b>121153</b>	CIF: SMALL: DISTRIBUTED STORAGE SYSTEMS FROM COMBINATORIAL DESIGNS	
	8/1/13 to 7/31/16 RESEARCH	
	RAMAMOORTHY, ADITYA	ELECTRICAL & COMPUTER ENGINEERING-ENGR
<b>\$395,706</b>	IOWA DEPARTMENT OF NATURAL RESOURCES	4733061
<b>122433</b>	MANURE APPLICATION CERTIFICATION PROGRAM FOR FY14 AND FY15	
	7/1/13 to 6/30/15 EXTENSION/PUBLIC	
CO-PI	LAWRENCE, JOHN	EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT
	RIECK-HINZ, ANGELA	AGRONOMY-EXT
<b>\$393,185</b>	ED-U.S. DEPARTMENT OF EDUCATION	4322802
<b>111805</b>	ALGEBRA SCREENING AND PROGRESS MONITORING	
	7/1/11 to 6/30/14 RESEARCH	
	FOEGEN, ANNE	SCHOOL OF EDUCATION-HS
<b>\$300,000</b>	VERMEER CORPORATION	4006039
<b>122323</b>	FOREIGN OBJECT DETECTION	
	5/1/13 to 2/28/15 RESEARCH	
CO-PI	AGGARWAL, RAJ	ELECTRICAL & COMPUTER ENGINEERING-ENGR
	SOMANI, ARUN	ELECTRICAL & COMPUTER ENGINEERING-ENGR

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<b>\$290,476</b>	NIH-NATIONAL INSTITUTES OF HEALTH		4301708
<b>113781</b>	MECHANISMS OF MANGANESE NEUROTOXICITY		
	8/11/11 to 3/31/14	RESEARCH	
CO-PI	KANTHASAMY, ANUMANTHA	BIOMEDICAL SCIENCES-VET	
	KANTHASAMY, ARTHI	BIOMEDICAL SCIENCES-VET	
<b>\$286,569</b>	NIH-NATL INST OF NEUROLOGICAL DISORDERS & STROKE (NINDS)		4301723
<b>117905</b>	PROKINETICIN 2 AND NEUROINFLAMMATORY MECHANISMS		
	5/15/12 to 4/30/14	RESEARCH	
CO-PI	KANTHASAMY, ARTHI	BIOMEDICAL SCIENCES-VET	
	KANTHASAMY, ANUMANTHA	BIOMEDICAL SCIENCES-VET	
<b>\$276,470</b>	DOE-U.S. DEPARTMENT OF ENERGY		4012125
<b>116266</b>	CAN MICROBIAL ECOLOGY AND MYCORRHIZAL FUNCTIONING INFORM CLIMATE CHANGE MODELS?		
	8/1/12 to 7/31/14	RESEARCH	
	HOFMOCKEL, KIRSTEN	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
<b>\$182,034</b>	NORTH CENTRAL SOYBEAN RESEARCH		4594056
<b>121534</b>	BREEDING TO IMPROVE RESISTANCE TO SDS IN SOYBEAN AS A MEANS TO PROTECT YIELD-DELIVERING RESISTANT VARIETIES AND LINES		
	3/1/13 to 2/28/14	RESEARCH	
	CIANZIO, SILVIA	AGRONOMY-AES/CALS	
<b>\$180,684</b>	ED-U.S. DEPARTMENT OF EDUCATION		4325733
<b>120364</b>	PELL GRANT, FY13		
	7/1/12 to 6/30/13	STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA	STUDENT FINANCIAL AID-VPSA	
<b>\$180,592</b>	IOWA DEPARTMENT OF TRANSPORTATION		4747731
<b>122761</b>	IOWA TRAFFIC SAFETY DATA SERVICE (ITSDS) & INTERSECTION DATABASE CREATION		
	5/1/05 to 9/30/13	RESEARCH	
CO-PI	HANS, ZACHARY	INSTITUTE FOR TRANSPORTATION-VPR/ED	
	HALLMARK, SHAUNA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	

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<b>\$174,193</b>	NORTH CENTRAL SOYBEAN RESEARCH	4594042
<b>121473</b>	EVALUATION AND DEVELOPMENT OF BIOLOGICAL CONTROL PRODUCTS TO CONTROL SOYBEAN SUDDEN DEATH SYNDROME AND WHITE MOLD 3/1/13 to 2/28/14 RESEARCH YANG, XIAO PLANT PATHOLOGY-AES/CALS CO-PI NAVI, SHRISHAIL PLANT PATHOLOGY-AES/CALS	
<b>\$170,903</b>	NSF-NATIONAL SCIENCE FOUNDATION	4206162
<b>120816</b>	CONTROL OF FLUID-ELASTIC STRUCTURES AND RELATED TOPICS 7/1/13 to 6/30/16 RESEARCH HANSEN, SCOTT MATHEMATICS-LAS	
<b>\$156,000</b>	NSF-NATIONAL SCIENCE FOUNDATION	4204096
<b>115707</b>	COLLABORATIVE RESEARCH: EPIGENETIC, TRANSCRIPTOMIC, AND BEHAVIORAL IMPACTS OF A MATERNAL SIGNAL DURING WASP CASTE DEVELOPMENT 4/1/12 to 3/31/15 RESEARCH TOTH, AMY ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	
<b>\$154,732</b>	IOWA DEPARTMENT OF HUMAN SERVICES	4703034
<b>122781</b>	ENVIRONMENTAL RATING SYSTEM ASSESSMENT PROJECT 7/1/13 to 6/30/14 EXTENSION/PUBLIC OESTERREICH, LESIA HUMAN DEVELOPMENT & FAMILY STUDIES-EXT	
<b>\$150,000</b>	DOD-ARMY RESEARCH OFFICE (ARO)	4212052
<b>117180</b>	ULTRA-HIGH THERMAL CONDUCTIVITY OF SPIDER SILK: PROTEIN FUNCTION STUDY WITH CONTROLLED STRUCTURE CHANGE AND COMPARISON 7/1/12 to 6/30/14 RESEARCH WANG, XINWEI MECHANICAL ENGINEERING-ENGR	
<b>\$150,000</b>	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	4222505
<b>118770</b>	SPATIOTEMPORAL EVOLUTION OF THREE-DIMENSIONAL DENDRITIC ARRAY STRUCTURES (SPADES) 6/12/12 to 6/11/15 RESEARCH TRIVEDI, ROHIT MATERIALS SCIENCE & ENGINEERING-ENGR	

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<b>\$143,221</b>	INTERNATIONAL FOOD POLICY RESEARCH INSTITUTE	4044063
<b>122244</b>	APPLYING PROCESS MAPPING IN BIOSAFETY SYSTEMS	
	10/1/10 to 9/30/13 INSTRUCTION/TRAINING	
	MISRA, MANJIT AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	HARRIES, ADELAIDA AGRICULTURE & HOME ECONOMICS EXPERIMENT STATION-AES/CALS	
<b>\$136,264</b>	BROOKHAVEN SCIENCE ASSOCIATES-BROOKHAVEN NATIONAL LABORATORY	4042101
<b>122236</b>	THE US ATLAS ANALYSIS SUPPORT	
	5/18/09 to 9/30/13 RESEARCH	
	COCHRAN, JAMES PHYSICS & ASTRONOMY-LAS	
<b>\$126,878</b>	IOWA DEPARTMENT OF TRANSPORTATION	4747934
<b>122772</b>	EVALUATING ROADWAY SUBSURFACE DRAINAGE PRACTICES, PHASE 2	
	6/10/13 to 12/31/14 RESEARCH	
	CEYLAN, HALIL CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	HALLMARK, SHAUNA INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	GOPALAKRISHNAN, KASTHURIRA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	KIM, SUNG HWAN CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
<b>\$126,630</b>	NSF-NATIONAL SCIENCE FOUNDATION	4202513
<b>117953</b>	NOVEL PHOTONIC ENHANCED INORGANIC-ORGANIC MULTI-JUNCTION SOLAR CELL	
	9/15/12 to 8/31/15 RESEARCH	
	DALAL, VIKRAM ELECTRICAL & COMPUTER ENGINEERING-ENGR	
CO-PI	BISWAS, RANA AMES LABORATORY DOE-VPR/ED	
<b>\$125,935</b>	IOWA DEPARTMENT OF HUMAN SERVICES	4782813
<b>125002</b>	CHILD SUPPORT TRAINING BOC-12-005, THIRD AMENDMENT	
	7/1/13 to 6/30/14 EXTENSION/PUBLIC	
	HONG, GONG-SOOG HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
CO-PI	MELBY, JANET INSTITUTE FOR SOCIAL & BEHAVIORAL RESEARCH-VPR/ED	

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<b>\$121,929</b>	GENERAL ELECTRIC				4002036
<b>125036</b>	AN EXPERIMENTAL STUDY ON FILM COOLING DESIGNS				
	10/1/11 to 12/31/13	RESEARCH			
	HU, HUI		AEROSPACE ENGINEERING-ENGR		
<b>\$108,721</b>	MIDWEST DAIRY ASSOCIATION				4004459
<b>122658</b>	MIDWEST DAIRY RESEARCH CENTER 2013 FUNDING				
	1/1/13 to 12/31/13	RESEARCH			
	CLARK, STEPHANIE		FOOD SCIENCE & HUMAN NUTRITION-HS		
CO-PI	BOYLSTON, TERRI		FOOD SCIENCE & HUMAN NUTRITION-HS		
CO-PI	LAMSAL, BUDDHI		FOOD SCIENCE & HUMAN NUTRITION-AES/CALS		
<b>\$100,058</b>	TARAS RESEARCH LLC				4046026
<b>119005</b>	THREE-DIMENSIONAL HIGH-SPEED DISCRETE TOMOGRAPHY OF DENSE SPRAYS USING BALLISTIC IMAGING				
	1/1/13 to 11/20/14	RESEARCH			
	MEYER, TERRENCE		MECHANICAL ENGINEERING-ENGR		
<b>\$100,000</b>	AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND				4002186
<b>120709</b>	CHARACTERIZATION OF NANODIAMONDS IN COMPLEX ENVIRONMENTS				
	9/1/13 to 8/31/15	RESEARCH			
	GORDON, MARK		CHEMISTRY-LAS		
<b>\$97,283</b>	UNIVERSITY OF GEORGIA				4044058
<b>117172</b>	TRPGR SOYMAPII: LEVERAGING UNTAPPED GENETIC DIVERSITY IN SOYBEAN				
	10/1/11 to 2/28/14	RESEARCH			
	LAMKEY, KENDALL		AGRONOMY-AES/CALS		
CO-PI	SHOEMAKER, RANDY		AGRONOMY-AES/CALS		
<b>\$92,000</b>	DOE-U.S. DEPARTMENT OF ENERGY				4012102
<b>121627</b>	NEUTRINO PHYSICS IN THE NOVA EXPERIMENT				
	6/1/12 to 3/31/14	RESEARCH			
	SANCHEZ, MAYLY		PHYSICS & ASTRONOMY-LAS		



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<b>\$85,000</b>	NSF-NATIONAL SCIENCE FOUNDATION	4207102
<b>95804</b>	CAREER: ON MUTUALISM OF MODULARITY AND CONCURRENCY GOALS	
	7/1/09 to 6/30/14 RESEARCH	
	RAJAN, HRIDESH COMPUTER SCIENCE-LAS	
<b>\$77,769</b>	IOWA PORK PRODUCERS ASSOCIATION	4532371
<b>125067</b>	PORCINE EPIDEMIC DIARRHEA (PED): DEVELOPMENT OF TESTS AND REAGENTS FOR DIAGNOSIS AND DISEASE MANAGEMENT	
	6/15/13 to 6/14/14 RESEARCH	
	YOON, KYOUNG-JIN VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	ZIMMERMAN, JEFFREY VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	PILLATZKI, ANGELA VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	STEVENSON, GREGORY VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	SCHWARTZ, KENT VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	BURROUGH, ERIC VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	COOPER, VICKIE VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	MADSON, DARIN VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	GAUGER, PHILLIP VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	HARMON, KAREN VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	ZHANG, JIANQIANG VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
<b>\$72,072</b>	MINNESOTA DEPARTMENT OF TRANSPORTATION	4007706
<b>120237</b>	NEXT GENERATION BRIDGE MANAGEMENT TOOLS AND INSPECTION	
	6/14/13 to 12/31/14 MISCELLANEOUS	
	ALDEMIR-BEKTAS, BASAK INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	SMADI, OMAR INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
<b>\$70,000</b>	NSF-NATIONAL SCIENCE FOUNDATION	4206150
<b>105553</b>	STRUCTURE-COMPOSITION-PROPERTY RELATIONSHIPS IN COMPLEX INTERMETALLIC PHASES: EXPERIMENTAL STUDIES AND THEORETICAL PREDICTIONS	
	9/1/10 to 8/31/14 RESEARCH	
	MILLER, GORDON CHEMISTRY-LAS	

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<b>\$70,000</b>	NSF-NATIONAL SCIENCE FOUNDATION	4202150
<b>116949</b>	NSF-EUROPE MATERIALS COLLABORATION: MATERIALS WORLD NETWORK: TARGETING NEW COMPLEX ITINERANT MAGNETS USING EXPERIMENT AND THEORY 8/15/12 to 7/31/15 RESEARCH MILLER, GORDON CHEMISTRY-LAS	
<b>\$70,000</b>	AREVA NP INC	4002519
<b>121271</b>	CENTER FOR NDE MEMBERSHIP 4/27/11 to 4/26/13 RESEARCH BOND, LEONARD AEROSPACE ENGINEERING-ENGR	
<b>\$70,000</b>	BOEING COMPANY	4002519
<b>125122</b>	CENTER FOR NDE MEMBERSHIP 10/1/11 to 9/30/12 RESEARCH BOND, LEONARD AEROSPACE ENGINEERING-ENGR	
<b>\$67,835</b>	NATIONAL PORK BOARD	4532372
<b>120554</b>	VIRULENCE OF AN EMERGING PORCINE PARVOVIRUS (PPV2) AND ITS POSSIBLE INTERACTION WITH PCV2 IN PCVAD 9/1/13 to 8/31/14 RESEARCH OPRIESSNIG, TANJA VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET CO-PI HALBUR, PATRICK VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
<b>\$61,562</b>	IOWA DEPARTMENT OF PUBLIC HEALTH	4784041
<b>122723</b>	EPIDEMIOLOGY AND LABORATORY CAPACITY FOR INFECTIOUS DISEASES (ELC) 1/1/13 to 12/31/13 RESEARCH BARTHOLOMAY, LYRIC ENTOMOLOGY-AES/CALS	
<b>\$59,863</b>	DOD-U.S. DEPARTMENT OF DEFENSE	4214004
<b>117048</b>	ENHANCING THE EFFICACY OF PYRETHROID INSECTICIDES AGAINST MOSQUITOES USING PLANT ESSENTIAL OILS AND INDIVIDUAL TERPENOID 4/1/12 to 3/30/15 RESEARCH COATS, JOEL ENTOMOLOGY-AES/CALS CO-PI BARTHOLOMAY, LYRIC ENTOMOLOGY-AES/CALS	

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<b>\$50,800</b>	SIoux COUNTY AGRICULTURAL EXTENSION DISTRICT	4003907
<b>120190</b>	MULTI-COUNTY PROGRAM ENHANCEMENT FOR AGRICULTURAL PRODUCER AND CONSUMER EDUCATION IN EXTENSION REGION 1 10/15/12 to 6/30/14 EXTENSION/PUBLIC LAWRENCE, JOHN EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT CO-PI HERONEMUS, CHERYL EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	
<b>\$50,000</b>	ROLLS ROYCE	4002520
<b>122289</b>	ADVANCED TERAHERTZ INSPECTION OF MATERIALS OF ROLLS-ROYCE'S INTERESTS PHASE II 10/1/12 to 3/31/14 RESEARCH CHIOU, CHIEN-PING CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED CO-PI BOND, LEONARD AEROSPACE ENGINEERING-ENGR	
<b>\$49,661</b>	NSF-NATIONAL SCIENCE FOUNDATION	4207117
<b>122515</b>	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	
<b>\$48,522</b>	VARIOUS NONPROFIT ORGANIZATIONS	2065701
<b>125107</b>	SCHOLARSHIP SUPPORT FOR SUMMER 2012 5/14/12 to 8/3/13 SCHOLARSHIP JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
<b>\$42,000</b>	NSF-NATIONAL SCIENCE FOUNDATION	4202064
<b>113407</b>	IDENTIFYING THE ORIGIN OF HARDNESS IN ALMGB14 AND THE ORTHORHOMBIC BORON-RICH BORIDES 9/1/11 to 8/31/14 RESEARCH BECKMAN, SCOTT MATERIALS SCIENCE & ENGINEERING-ENGR	
<b>\$40,660</b>	IOWA DEPARTMENT OF CORRECTIONS	4782901
<b>122506</b>	IOWA CORRECTIONAL INSTITUTION FOR WOMEN (ICIW) LANDSCAPE MASTER PLAN 1/10/11 to 9/30/13 MISCELLANEOUS STEVENS, JULIE LANDSCAPE ARCHITECTURE-DSN CO-PI HOHMANN, HEIDI LANDSCAPE ARCHITECTURE-DSN	

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

<b>\$39,117</b>	DOD-OFFICE OF NAVAL RESEARCH (ONR)	4212501
<b>111248</b>	PHOTONIC NANOMETAMATERIALS (PHOTONANO)	
	7/15/10 to 9/30/13 RESEARCH	
	SOUKOULIS, COSTAS PHYSICS & ASTRONOMY-LAS	
<b>\$35,500</b>	DOT-FEDERAL HIGHWAY ADMINISTRATION (FHWA)	4361728
<b>122600</b>	2013 EISENHOWER GRADUATE FELLOWSHIP-NICOLE ONEYEAR	
	9/1/13 to 9/1/14 FELLOWSHIP	
	HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
<b>\$34,375</b>	DUBUQUE COUNTY AGRICULTURAL EXTENSION DISTRICT	4003332
<b>122202</b>	PROGRAM ENHANCEMENTS FOR DUBUQUE COUNTY AND EXTENSION REGION 11	
	7/1/13 to 6/30/15 EXTENSION/PUBLIC	
	FRANZ, NANCY EXTENSION TO FAMILIES-EXT	
CO-PI	WARNING, JEANNE EXTENSION TO FAMILIES-EXT	
<b>\$32,919</b>	VARIOUS NONPROFIT ORGANIZATIONS	2061225
<b>125106</b>	SCHOLARSHIP SUPPORT SUMMER 2012	
	5/14/12 to 8/3/12 SCHOLARSHIP	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
<b>\$32,500</b>	WEIDEMANN ASSOCIATES INC	4043023
<b>116390</b>	STRENGTHENING VALUE CHAINS FOR MAIZE AND SOYBEANS FOR UGANDAN WOMEN FARMERS	
	2/1/12 to 1/31/13 EXTENSION/PUBLIC	
	HANSEN, RAYMOND VALUE ADDED AGRICULTURE-EXT	
CO-PI	WESTGATE, MARK AGRONOMY-AES/CALS	
CO-PI	SMITH, MARGARET VALUE ADDED AGRICULTURE-EXT	
CO-PI	NAEVE, LINDA VALUE ADDED AGRICULTURE-EXT	
<b>\$30,000</b>	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	4224601
<b>122154</b>	COMPARING DIFFERENT SOURCES OF VEGATATION WATER CONTENT DATA FOR USE IN SMAP SOIL MOISTURE RETRIEVAL	
	9/1/11 to 8/31/14 FELLOWSHIP	
	HORNBUCKLE, BRIAN AGRONOMY-AES/CALS	

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

<b>\$30,000</b>	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	4224601
<b>122154</b>	COMPARING DIFFERENT SOURCES OF VEGATATION WATER CONTENT DATA FOR USE IN SMAP SOIL MOISTURE RETRIEVAL	
	9/1/11 to 8/31/14 FELLOWSHIP	
CO-PI	PATTON, JASON AGRONOMY-AES/CALS	
<b>\$30,000</b>	BROWN UNIVERSITY	4002185
<b>122341</b>	AFRICAN SCULPTURE AND THE FRENCH INVENTION OF PRIMITIVE ART	
	6/1/13 to 5/31/14 FELLOWSHIP	
	MONROE, JOHN HISTORY-LAS	
<b>\$29,653</b>	ED-U.S. DEPARTMENT OF EDUCATION	4325733
<b>120364</b>	PELL GRANT, FY13	
	7/1/12 to 6/30/13 STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
<b>\$27,500</b>	VARIOUS FEDERAL	2075701
<b>125111</b>	SCHOLARSHIP SUPPORT FALL 2012	
	8/20/12 to 12/14/12 SCHOLARSHIP	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
<b>\$27,500</b>	VARIOUS FEDERAL	2075701
<b>125115</b>	SCHOLARSHIP SUPPORT SPRING 2013	
	1/14/13 to 5/10/13 SCHOLARSHIP	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
<b>\$27,050</b>	TECHNOLOGY ASSOCIATION OF IOWA	4001759
<b>122745</b>	IT-ADVENTURES/IT-OLYMPICS 2013	
	12/27/12 to 5/27/13 EXTENSION/PUBLIC	
	JACOBSON, DOUG ELECTRICAL & COMPUTER ENGINEERING-ENGR	

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

<b>\$27,000</b>	IOWA DEPARTMENT OF HUMAN SERVICES	4703035
<b>122783</b>	ENVIRONMENTAL RATING SYSTEM ASSESSMENT PROJECT, PART 2	
	7/1/13 to 6/30/14 EXTENSION/PUBLIC	
	OESTERREICH, LESIA HUMAN DEVELOPMENT & FAMILY STUDIES-EXT	
<b>\$26,536</b>	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	4103055
<b>121447</b>	MIDWEST WEATHER WORKING GROUP	
	3/1/13 to 2/28/14 EXTENSION/PUBLIC	
	GLEASON, MARK PLANT PATHOLOGY-EXT	
CO-PI	BATZER, JEAN PLANT PATHOLOGY-EXT	
<b>\$49,068</b>	DOD-OFFICE OF NAVAL RESEARCH (ONR)	4212047
<b>116672</b>	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	
	WANG, XINWEI MECHANICAL ENGINEERING-ENGR	
<b>\$23,000</b>	UNIVERSITY OF WISCONSIN MADISON	4003084
<b>120677</b>	HOST RESISTANCE TO MANAGE CHARCOAL ROT IN THE NORTH CENTRAL US AND THE INFLUENCE OF PATHOGEN VARIABILITY ON DISEASE DEVELOPMENT	
	3/1/13 to 2/28/14 RESEARCH	
	MUELLER, DAREN PLANT PATHOLOGY-AES/CALS	
<b>\$21,850</b>	UNIVERSITY OF CALIFORNIA LOS ANGELES	4042138
<b>117553</b>	COLLABORATIVE RESEARCH: MRI CONSORTIUM: DEVELOPMENT OF A NOVEL TELESCOPE FOR VERY HIGH-ENERGY GAMMA-RAY ASTROPHYSICS	
	9/15/12 to 8/31/14 RESEARCH	
	KRENNRICH, FRANK PHYSICS & ASTRONOMY-LAS	
CO-PI	WEINSTEIN, AMANDA PHYSICS & ASTRONOMY-LAS	
<b>\$21,444</b>	MINNESOTA DEPARTMENT OF TRANSPORTATION	4001786
<b>122278</b>	EVALUATION OF PAVEMENT MARKINGS ON CHALLENGING CONDITIONS	
	6/13/12 to 10/31/15 RESEARCH	
	HAWKINS, NEAL INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	SMADI, OMAR INSTITUTE FOR TRANSPORTATION-VPR/ED	

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

<b>\$21,444</b>	MINNESOTA DEPARTMENT OF TRANSPORTATION	4001786
<b>122278</b>	EVALUATION OF PAVEMENT MARKINGS ON CHALLENGING CONDITIONS	
	6/13/12 to 10/31/15 RESEARCH	
CO-PI	HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
<b>\$20,762</b>	NIH-NATIONAL INSTITUTES OF HEALTH	4301721
<b>111184</b>	OXIDATIVE STRESS INDUCED COMPENSATORY PROTECTIVE MECHANISMS IN PARKINSON'S DISEASE	
	6/1/11 to 3/31/14 RESEARCH	
	KANTHASAMY, ANUMANTHA BIOMEDICAL SCIENCES-VET	
<b>\$20,696</b>	NIH-NATL INST OF NEUROLOGICAL DISORDERS & STROKE (NINDS)	4301723
<b>117905</b>	PROKINETICIN 2 AND NEUROINFLAMMATORY MECHANISMS	
	5/15/12 to 4/30/14 RESEARCH	
CO-PI	KANTHASAMY, ARTHI BIOMEDICAL SCIENCES-VET KANTHASAMY, ANUMANTHA BIOMEDICAL SCIENCES-VET	
<b>\$19,379</b>	NIH-NATL INST OF ALLERGY & INFECTIOUS DISEASES (NIAID)	4304001
<b>116936</b>	DISSECTING THE STRUCTURE AND FUNCTION OF THE PDU MICROCOMPARTMENT IN SALMONELLA	
	5/1/12 to 4/30/14 RESEARCH	
	BOBIK, THOMAS BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS	
<b>\$19,233</b>	NSF-NATIONAL SCIENCE FOUNDATION	4204107
<b>120760</b>	DISSERTATION RESEARCH: UNCOVERING MOLECULAR MECHANISMS OF FACIAL RECOGNITION USING COMPARATIVE TRANSCRIPTOMICS	
	7/1/13 to 6/30/15 RESEARCH	
CO-PI	TOTH, AMY ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS BERENS, ALI ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	
<b>\$18,700</b>	INDIANA SOYBEAN ALLIANCE	4594040
<b>122672</b>	EVALUATING THE ECONOMIES OF CONVERTING EXISTING LIVESTOCK BARNs INTO AQUACULTURE PRODUCTION FACILITIES	
	6/1/13 to 8/31/13 RESEARCH	
	ROSENTRATER, KURT AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

<b>\$18,295</b>	NIH-NATIONAL INSTITUTES OF HEALTH		4302117
<b>114292</b>	REGULATION OF SNARE-DEPENDENT VESICLE FUSION		
	5/1/12 to 4/30/14	RESEARCH	
	SHIN, YEON-KYUN	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	
<b>\$17,250</b>	UNIVERSITY OF MINNESOTA TWIN CITIES		4103058
<b>122397</b>	SUSTAINABLE AGRICULTURE RESEARCH AND EDUCATION PROFESSIONAL DEVELOPMENT PROGRAM (SARE PDP)		
	5/1/13 to 4/30/16	EXTENSION/PUBLIC	
	LAWRENCE, JOHN	EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	
CO-PI	LARSON, ANDREW	EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	
<b>\$15,534</b>	NIH-NATIONAL INSTITUTES OF HEALTH		4302113
<b>117346</b>	DIRECTED EVOLUTION OF METAL SUBSTITUTE CARBONIC ANHYDRASES FOR CATALYSIS		
	2/15/12 to 12/31/13	RESEARCH	
	STANLEY, LEVI	CHEMISTRY-LAS	
<b>\$14,598</b>	UNIVERSITY OF CONNECTICUT		4041723
<b>122867</b>	FACTORS INFLUENCING THE HEALTH BEHAVIORS OF YOUNG AFRICAN AMERICAN ADULTS		
	8/23/12 to 12/31/13	RESEARCH	
	CUTRONA, CAROLYN	PSYCHOLOGY-LAS	
<b>\$13,090</b>	NIH-NATIONAL INSTITUTES OF HEALTH		4302318
<b>113402</b>	CHOLINERGIC RECEPTORS AS TARGETS FOR ACCELERATED ANTHELMINTIC DRUG DISCOVERY		
	5/15/11 to 4/30/14	RESEARCH	
	KIMBER, MICHAEL	BIOMEDICAL SCIENCES-VET	
<b>\$12,858</b>	NIH-NATIONAL INSTITUTES OF HEALTH		4302145
<b>94529</b>	STRUCTURAL STUDIES OF A T CELL SPECIFIC TYROSINE KINASE		
	5/1/09 to 4/30/14	RESEARCH	
	ANDREOTTI, AMY	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	



**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

<b>\$12,750</b>	UNIVERSITY OF MINNESOTA TWIN CITIES	4103057
<b>122355</b>	IOWA 2013 STATE PDP CHAPTER 3 PROGRAM	
	5/1/13 to 4/30/16 EXTENSION/PUBLIC	
CO-PI	LAWRENCE, JOHN EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	
	LARSON, ANDREW EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	
<b>\$12,376</b>	POET RESEARCH	4004436
<b>122375</b>	DEVELOPMENT OF A PROTOCOL TO PRODUCE 5% STARCH GELATINIZATION IN MILLED CORN	
	4/5/13 to 8/15/13 RESEARCH	
	JANE, JAY-LIN FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
<b>\$10,500</b>	BASF CORPORATION	4004455
<b>122496</b>	BAS 700 F & 500 F/SOYBEANS/MONSANTO PAIRED/US/SDS	
	3/1/12 to 12/31/14 RESEARCH	
CO-PI	YANG, XIAO PLANT PATHOLOGY-AES/CALS	
	NAVI, SHRISHAIL PLANT PATHOLOGY-AES/CALS	
<b>\$7,789</b>	WOOTWORKS LLC	4006555
<b>122637</b>	DEVELOPMENT OF A CONSUMABLE BREATH FRESHENER USING NATURAL INGREDIENTS	
	5/13/13 to 4/30/14 RESEARCH	
CO-PI	BOYLSTON, TERRI FOOD SCIENCE & HUMAN NUTRITION-HS	
	FORNEY, CRAIG INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY-VPR/ED	
<b>\$7,475</b>	METABOLIC TECHNOLOGIES INC	4002558
<b>122784</b>	ENHANCEMENT OF GLUCOSAMINE AND OTHER AMINES	
	5/15/13 to 8/15/13 RESEARCH	
	KRAUS, GEORGE CHEMISTRY-LAS	
<b>\$6,500</b>	CHARLES KOCH FOUNDATION	4004456
<b>122481</b>	FREE ENTERPRISE CASE STUDIES	
	5/1/13 to 4/30/14 INSTRUCTION/TRAINING	
CO-PI	KIMLE, KEVIN ECONOMICS-AES/CALS	
	ORAZEM, PETER ECONOMICS-LAS	

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

<b>\$6,500</b>	CHARLES KOCH FOUNDATION	4004456
<b>122481</b>	FREE ENTERPRISE CASE STUDIES	
	5/1/13 to 4/30/14 INSTRUCTION/TRAINING	
CO-PI	ARTZ, GEORGEANNE ECONOMICS-AES/CALS	
<b>\$6,410</b>	USDA-FOREIGN AGRICULTURAL SERVICE (FAS)	4124511
<b>125162</b>	USDA FOREIGN AGRICULTURE SERVICE IRAQI VETERINARIANS-FACULTY EXCHANGE PROGRAM	
	7/1/12 to 7/1/14 INSTRUCTION/TRAINING	
CO-PI	TRUJILLO, JESSIE VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
CO-PI	STERLE, JODI ANIMAL SCIENCE-AES/CALS	
CO-PI	BJELLAND, DENISE GLOBAL AGRICULTURE PROGRAMS-AES/CALS	
<b>\$6,250</b>	DOJ-NATIONAL INSTITUTE OF JUSTICE (NIJ)	4783037
<b>122850</b>	PROPOSAL OF A TWO-PART SOLUTION TO PREDICT BALLISTIC PERFORMANCE OF IN-SERVICE SOFT BODY ARMOR: DESIGN AND DATA-SHARING	
	6/1/13 to 5/30/18 MISCELLANEOUS	
CO-PI	MCKINNEY, ELLEN APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS	
CO-PI	BAYTAR, FATMA APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS	
CO-PI	XIANG, CHUNHUI APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS	
CO-PI	FARR, CHERYL APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS	
CO-PI	LEE, YOUNG-A APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS	
<b>\$6,000</b>	BAYER CROPSCIENCE	4004434
<b>122196</b>	EVALUATION OF BAYER CROP SCIENCE WEED MANAGEMENT TECHNIQUES PROTOCOL NO. HP13USAMRB	
	4/30/13 to 12/31/13 RESEARCH	
	OWEN, MICHEAL AGRONOMY-AES/CALS	
<b>\$5,445</b>	STATE LIBRARY OF IOWA	4783037
<b>122864</b>	SMART INVESTING YOUR LIBRARY: OUTREACH TO RURAL IOWANS	
	1/29/12 to 7/31/13 EXTENSION/PUBLIC	
	FLETCHER, CYNTHIA HUMAN DEVELOPMENT & FAMILY STUDIES-EXT	

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

<b>\$5,357</b>	UNIVERSITY OF ALBERTA	4004178
<b>111274</b>	CHARACTERIZATION OF MIRNAS AND THEIR TARGETS IN FOOD ANIMAL PATHOGEN INFECTION MODELS FOR POTENTIAL USE AS MARKERS FOR IMPROVEMENT OF FOOD SAFETY 1/1/11 to 12/31/13 RESEARCH TUGGLE, CHRIS ANIMAL SCIENCE-AES/CALS	
<b>\$5,000</b>	IOWA ACADEMY OF SCIENCE	4754016
<b>121495</b>	SEASONAL SUCCESSION OF FLORAL RESOURCES AND BUTTERFLY COMMUNITY RESPONSES IN DIFFERENT GRASSLAND HABITATS: IMPLICATIONS FOR POLLINATOR CONSERVATION IN THE TALLGRASS PRAIRIE REGION U.S.A. 7/1/13 to 6/30/14 RESEARCH DEBINSKI, DIANE ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS CO-PI DELANEY, JOHN ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	
<b>\$5,000</b>	DOI-U.S. GEOLOGICAL SURVEY (USGS)	4244011
<b>122336</b>	COMPARISON OF AMPHIBIAN HABITAT SUITABILITY IN USDA CREP WETLANDS & NATURAL WETLANDS IN DES MOINES LOBE 9/22/11 to 12/31/13 RESEARCH PIERCE, CLAY NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
<b>\$5,000</b>	ELEVANCE RENEWABLE SCIENCES INC	4007204
<b>122360</b>	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP 5/4/13 to 5/3/14 RESEARCH SHANKS, BRENT CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
<b>\$5,000</b>	GENOMATICA INC	4007204
<b>122362</b>	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP 4/5/13 to 4/4/14 RESEARCH SHANKS, BRENT CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
<b>\$4,500</b>	NSF-NATIONAL SCIENCE FOUNDATION	4202565
<b>122744</b>	CAREER: RATIONALLY DESIGNED CONJUGATED POLYMERS BASED ON BENZOBISAZOLES 6/1/09 to 5/31/14 RESEARCH JEFFRIES-EL, MALIKA CHEMISTRY-LAS	

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

<b>\$4,000</b>	BAYER CROPSCIENCE	4004434
<b>122197</b>	EVALUATION OF BAYER CROP SCIENCE WEED MANAGEMENT TECHNIQUES PROTOCOL NO. BP13USAJN6	
	4/30/13 to 12/31/13 RESEARCH	
	OWEN, MICHEAL AGRONOMY-AES/CALS	
<b>\$4,000</b>	MORRIS ANIMAL FOUNDATION	4006321
<b>122484</b>	ESTABLISH REFERENCE INTERVAL FOR VOIDED URINE SAMPLES IN HEALTHY ADULT ALPACAS	
	6/1/13 to 8/31/13 RESEARCH	
	FLAHERTY, HEATHER VETERINARY PATHOLOGY-VET	
<b>\$3,606</b>	ED-U.S. DEPARTMENT OF EDUCATION	4325731
<b>120368</b>	TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION (TEACH) GRANT, FY13	
	7/1/12 to 6/30/13 STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
<b>\$3,000</b>	CREATIVE COMPOSITES LTD	4004454
<b>122743</b>	DEVELOPMENT OF SOY BASED RUBBER AND SOY RUBBER COMPOSITES	
	6/1/12 to 8/31/13 RESEARCH	
	GREWELL, DAVID AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	KESSLER, MICHAEL MATERIALS SCIENCE & ENGINEERING-ENGR	
<b>\$1,748</b>	ED-U.S. DEPARTMENT OF EDUCATION	4325731
<b>120368</b>	TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION (TEACH) GRANT, FY13	
	7/1/12 to 6/30/13 STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
<b>\$1,125</b>	VARIOUS FEDERAL	2075702
<b>125108</b>	SCHOLARSHIP SUPPORT SUMMER 2012	
	5/14/12 to 8/3/12 SCHOLARSHIP	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	

**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

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**\$1,000** IOWA SELECT FARMS 4004453

**122673** DEVELOPING AND VALIDATING TEST PROTOCOLS FOR RAPID FEED FLOWABILITY ASSESSMENT

6/1/13 to 8/31/13 RESEARCH

ROSENTRATER, KURT AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

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**\$1,000** OHIO STATE UNIVERSITY 4044064

**122775** RELATIONSHIPS BETWEEN PRE-FIRE FOREST COMPOSITION AND HARDWOOD REGENERATION FOLLOWING WILDFIRE IN  
NORTHEAST MINNESOTA

5/1/13 to 9/30/13 RESEARCH

WOLTER, PETER NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS

CO-PI COOLEY, RAYMA NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS

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