

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$4,000,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	4164063
111228	CLIMATE CHANGE, MITIGATION, AND ADAPTATION IN CORN BASED CROPPING SYSTEMS	
	3/1/11 to 2/28/14 RESEARCH	
	MORTON, LOIS	SOCIOLOGY-AES/CALS
CO-PI	BENNING, JAMIE	AGRONOMY-EXT
CO-PI	GASSMAN, PHILIP	CENTER FOR AGRICULTURAL & RURAL DEVELOPMENT-AES/CALS
CO-PI	MIGUEZ, FERNANDO	AGRONOMY-AES/CALS
CO-PI	MILLER, WILLIAM	AGRICULTURAL EDUCATION & STUDIES-AES/CALS
CO-PI	CRUSE, RICHARD	AGRONOMY-AES/CALS
CO-PI	GASSMANN, AARON	ENTOMOLOGY-AES/CALS
CO-PI	ARBUCKLE, J.	SOCIOLOGY-AES/CALS
CO-PI	ARRITT, RAYMOND	AGRONOMY-AES/CALS
CO-PI	KLING, CATHERINE	ECONOMICS-AES/CALS
CO-PI	HELMERS, MATTHEW	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS
CO-PI	SAWYER, JOHN	AGRONOMY-AES/CALS
CO-PI	CASTELLANO, MICHAEL	AGRONOMY-AES/CALS
CO-PI	TYNDALL, JOHN	NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS
\$685,396	PHILLIPS 66 COMPANY	4007705
121282	BIOFUELS RESEARCH PROGRAM (2013)	
	1/1/13 to 12/31/13 RESEARCH	
	BROWN, ROBERT	MECHANICAL ENGINEERING-ENGR
CO-PI	HEINDEL, THEODORE	MECHANICAL ENGINEERING-ENGR
CO-PI	LEE, YOUNG-JIN	CHEMISTRY-LAS
CO-PI	BIRRELL, STUART	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS
\$499,999	DOE-U.S. DEPARTMENT OF ENERGY	4012506
119099	STABILIZATION OF BIO-OIL FRACTIONS FOR INSERTION INTO PETROLEUM REFINERIES	
	1/1/13 to 12/31/13 RESEARCH	
	BROWN, ROBERT	MECHANICAL ENGINEERING-ENGR
CO-PI	WRIGHT, MARK	MECHANICAL ENGINEERING-ENGR
CO-PI	SMITH, RYAN	CENTER FOR SUSTAINABLE ENVIRONMENTAL TECHNOLOGIES - IPRT-VPR/ED

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\$499,292	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	4164096
118211	TRANSGENIC APPROACHES IN MANAGING SUDDEN DEATH SYNDROME IN SOYBEAN	
	1/1/13 to 12/31/13 RESEARCH	
	BHATTACHARYYA, MADAN AGRONOMY-AES/CALS	
CO-PI	CIANZIO, SILVIA AGRONOMY-AES/CALS	
CO-PI	DONG, LIANG ELECTRICAL & COMPUTER ENGINEERING-ENGR	
CO-PI	HART, CHAD ECONOMICS-EXT	
CO-PI	HUANG, XIAOQIU COMPUTER SCIENCE-LAS	
CO-PI	LEANDRO, LEONOR PLANT PATHOLOGY-AES/CALS	
CO-PI	ROBERTSON, ALISON PLANT PATHOLOGY-AES/CALS	
CO-PI	LESHEM-ACKERMAN, ADAH NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	
CO-PI	BAIN, CARMEN SOCIOLOGY-AES/CALS	
\$417,809	KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY	4006021
117960	PREDICTING NANOSCALE MORPHOLOGY IN SOLUTION-PROCESSED ORGANIC SOLAR CELLS	
	10/1/12 to 9/30/15 RESEARCH	
	GANAPATHYSUBRAMANIAN, BASKAR MECHANICAL ENGINEERING-ENGR	
\$415,000	IOWA DEPARTMENT OF TRANSPORTATION	4747830
121067	IOWA LOCAL TECHNICAL ASSISTANCE PROGRAM (HR296)	
	1/1/13 to 12/31/13 RESEARCH	
	KNAPP, KEITH INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	MCDONALD, THOMAS INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$359,867	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	4713015
121228	WATER AND NUTRIENT RESEARCH: IN-FIELD AND OFFSITE STRATEGIES	
	1/1/13 to 12/31/13 RESEARCH	
	HELMERS, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT	
CO-PI	CRUMPTON, WILLIAM ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	

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\$335,821	NIH-NATL INST OF ALLERGY & INFECTIOUS DISEASES (NIAID)	4301724
118948	PHARMACOLOGICAL DIVERSITY OF NACHRS IN CLADE III NEMATODES: LEVAMISOLE RECEPTORS	
	1/15/13 to 12/31/13 RESEARCH	
	MARTIN, RICHARD BIOMEDICAL SCIENCES-VET	
CO-PI	ROBERTSON, ALAN BIOMEDICAL SCIENCES-VET	
\$326,887	NIH-NATIONAL INSTITUTES OF HEALTH	4302317
118234	USING VITAMIN D GLUCURONIDE PRO-DRUGS TO PREVENT/TREAT COLON CANCER	
	1/1/13 to 12/31/15 RESEARCH	
	GOFF, JESSE BIOMEDICAL SCIENCES-VET	
CO-PI	KOSZEWSKI, NICHOLAS BIOMEDICAL SCIENCES-VET	
\$322,411	IOWA DEPARTMENT OF TRANSPORTATION	4747741
120903	AURORA PROGAM MANAGEMENT	
	1/1/13 to 12/31/15 RESEARCH	
	HAWKINS, NEAL INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	ALBRECHT, CHRISTOPHER INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$317,510	IOWA DEPARTMENT OF NATURAL RESOURCES	4734201
118466	LEOPOLD CENTER SUPPORT	
	10/1/11 to 12/31/12 RESEARCH	
	RASMUSSEN, MARK LEOPOLD CENTER-AES/CALS	
\$313,615	NSF-NATIONAL SCIENCE FOUNDATION	4206187
119724	SIGNALING NETWORK FOR BRASSINOSTEROID-REGULATED GENE EXPRESSION IN ARABIDOPSIS	
	2/1/13 to 1/31/16 RESEARCH	
	YIN, YANHAI GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
CO-PI	ALURU, SRINIVAS ELECTRICAL & COMPUTER ENGINEERING-ENGR	
CO-PI	ALURU, MANEESHA ELECTRICAL & COMPUTER ENGINEERING-ENGR	

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\$303,630	NIH-NATIONAL INSTITUTES OF HEALTH	4302110
107257	REGULATION OF CHROMATIN STRUCTURE AND GENE EXPRESSION BY H3S10 PHOSPHORYLATION	
	1/1/13 to 12/31/13 RESEARCH	
	JOHANSEN, KRISTEN	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS
CO-PI	JOHANSEN, JORGEN	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS
CO-PI	GIRTON, JACK	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS
\$299,582	MINNESOTA DEPARTMENT OF TRANSPORTATION	4001717
116446	DEVELOPMENT OF COST-EFFECTIVE TIMBER BRIDGE REPAIR TECHNIQUES FOR MINNESOTA	
	12/14/12 to 3/31/15 RESEARCH	
	PHARES, BRENT	INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED
\$277,000	DOE-U.S. DEPARTMENT OF ENERGY	4012121
118760	INVESTIGATIONS IN EXPERIMENTAL AND THEORETICAL HIGH ENERGY PHYSICS	
	11/1/12 to 4/30/13 RESEARCH	
	KRENNRICH, FRANK	PHYSICS & ASTRONOMY-LAS
CO-PI	HAUPTMAN, JOHN	PHYSICS & ASTRONOMY-LAS
CO-PI	COCHRAN, JAMES	PHYSICS & ASTRONOMY-LAS
CO-PI	PRELL, SOEREN	PHYSICS & ASTRONOMY-LAS
CO-PI	ATWOOD, DAVID	PHYSICS & ASTRONOMY-LAS
CO-PI	WHISNANT, KERRY	PHYSICS & ASTRONOMY-LAS
CO-PI	VALENCIA, GERMAN	PHYSICS & ASTRONOMY-LAS
\$268,000	UNIVERSAL TECHNOLOGY CORPORATION	4042506
119972	DEVELOPMENT OF A UNIFIED PHYSICS-BASED MODEL OF THE CRACK HEATING MECHANISM IN VIBROTHERMOGRAPHY NONDESTRUCTIVE EVALUATION OF TURBINE ENGINE DISKS (VIBROTHERMOGRAPHY MODELING OF ENGINE DISKS)	
	11/20/12 to 7/4/13 RESEARCH	
	HOLLAND, STEPHEN	AEROSPACE ENGINEERING-ENGR
CO-PI	BRASCHE, LISA	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED
CO-PI	MEEKER, WILLIAM	STATISTICS-LAS
CO-PI	BASTAWROS, ASHRAF	AEROSPACE ENGINEERING-ENGR
CO-PI	EISENMANN, DAVID	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED

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\$260,536	DEERE & COMPANY			4002539
121124	ADVANCED VR-CAN COMBINE SIMULATION AND INTERFACE			
	1/1/13 to 12/31/13	RESEARCH		
	LUECKE, GREG	MECHANICAL ENGINEERING-ENGR		
CO-PI	GILBERT, STEPHEN	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR		
\$244,898	UNIVERSITY OF DELAWARE			4104079
111112	ADAPTING CHICKEN PRODUCTION TO CLIMATE CHANGE THROUGH BREEDING			
	4/1/11 to 3/31/14	RESEARCH		
	LAMONT, SUSAN	ANIMAL SCIENCE-AES/CALS		
CO-PI	PERSIA, MICHAEL	ANIMAL SCIENCE-AES/CALS		
CO-PI	ROTHSCHILD, MAX	ANIMAL SCIENCE-AES/CALS		
\$239,484	UNIVERSITY OF MINNESOTA TWIN CITIES			4042123
97644	PRECISE ENGINEERING OF PLANT GENOMES USING ZINC FINGER NUCLEASES			
	9/15/09 to 8/31/13	RESEARCH		
	DOBBS, DRENA	GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS		
CO-PI	WANG, KAN	AGRONOMY-AES/CALS		
\$238,500	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)			4164098
119868	IMPROVING THE EFFICIENCY OF LIVESTOCK PRODUCTION USING GENETIC SELECTION			
	2/1/13 to 1/31/18	FELLOWSHIP		
	SPURLOCK, DIANE	ANIMAL SCIENCE-AES/CALS		
CO-PI	GARRICK, DORIAN	ANIMAL SCIENCE-AES/CALS		
CO-PI	ROTHSCHILD, MAX	ANIMAL SCIENCE-AES/CALS		
\$235,437	NSF-NATIONAL SCIENCE FOUNDATION			4202539
120176	COLLABORATIVE RESEARCH: INVESTIGATING IMPACTS ON THE IDEATION FLEXIBILITY OF ENGINEERS			
	5/1/13 to 4/30/16	RESEARCH		
	YILMAZ, SEDA	INDUSTRIAL DESIGN-DSN		

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\$235,222	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)		4161714
119341	AN INTEGRATED APPROACH TO PRECISION CONSERVATION PLANNING IN THE SOUTH FORK WATERSHED		
	9/1/12 to 8/31/15	RESEARCH	
CO-PI	CRUSE, RICHARD	AGRONOMY-AES/CALS	
	PAULSEN, THOMAS	AGRICULTURAL EDUCATION & STUDIES-AES/CALS	
\$225,000	DES MOINES AREA COMMUNITY COLLEGE		4042847
120993	EVALUATION OF I-AM		
	1/1/13 to 9/30/16	RESEARCH	
CO-PI	STAROBIN, SOKO	SCHOOL OF EDUCATION-HS	
CO-PI	RYDER, ANDREW	SCHOOL OF EDUCATION-HS	
CO-PI	FRIEDEL, JANICE	SCHOOL OF EDUCATION-HS	
\$222,000	NIH-NATL INST OF ALLERGY & INFECTIOUS DISEASES (NIAID)		4302344
114287	IMMUNE FACTORS IN VACCINE-ENHANCED PANDEMIC H1N1 INFLUENZA DISEASE		
	2/2/12 to 1/31/14	RESEARCH	
CO-PI	SANDBULTE, MATTHEW	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
	ROTH, JAMES	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$214,164	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION		4222002
115662	ADVANCED 3D RUNBACK MODELS FOR SURFACE WATER TRANSPORT		
	1/1/12 to 12/31/14	RESEARCH	
CO-PI	HU, HUI	AEROSPACE ENGINEERING-ENGR	
	ROTHMAYER, ALRIC	AEROSPACE ENGINEERING-ENGR	
\$203,613	DUCHENNE ALLIANCE		4004176
120407	MEASUREMENT OF IN VIVO RESPIRATORY AND CARDIAC FUNCTION DURING DIETARY QUERCETIN ENRICHMENT IN ANIMAL MODELS OF DMD		
	1/1/13 to 9/1/14	RESEARCH	
	SELSBY, JOSHUA	ANIMAL SCIENCE-AES/CALS	
\$163,932	PENNSYLVANIA STATE UNIVERSITY		4042092
118174	IFAB FOUNDRY		
	4/24/12 to 8/13/13	RESEARCH	
	FRANK, MATTHEW	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	

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\$163,932	PENNSYLVANIA STATE UNIVERSITY		4042092
118174	IFAB FOUNDRY		
	4/24/12 to 8/13/13	RESEARCH	
CO-PI	PETERS, FRANK		INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR
\$159,347	NIH-NATL INST OF ALLERGY & INFECTIOUS DISEASES (NIAID)		4302120
120955	NMR STUDIES ON THE ROLE OF THE ESSENTIAL IGG N-GLYCAN IN IMMUNE SYSTEM ACTIVATION		
	1/18/13 to 12/31/13	RESEARCH	
	BARB, ADAM		BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS
\$150,000	UNIVERSITY OF CALIFORNIA SANTA BARBARA		4042507
113544	QUANTUM MEMORIES IN PHOTON-ATOMIC-SOLID-STATE SYSTEMS (QUMPASS)		
	11/1/11 to 10/31/14	RESEARCH	
	DOBROVITSKI, VIATCHES		PHYSICS & ASTRONOMY-LAS
\$147,797	MINNESOTA DEPARTMENT OF TRANSPORTATION		4001731
116556	RISK BASED ENGINEERS' ESTIMATE		
	1/11/13 to 11/30/14	RESEARCH	
CO-PI	SHANE, JENNIFER NAMBISAN, SHASHI		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR INSTITUTE FOR TRANSPORTATION-VPR/ED
\$140,689	AGUSTAWESTLAND		4006023
114961	APPLICATION OF BARKHAUSEN NOISE METHOD FOR DEPTH PROFILING OF STRESS IN HELICOPTER TRANSMISSION GEARS		
	11/9/12 to 11/8/13	RESEARCH	
	JILES, DAVID		ELECTRICAL & COMPUTER ENGINEERING-ENGR
\$116,608	ED-U.S. DEPARTMENT OF EDUCATION		4325733
120364	PELL GRANT, FY13		
	7/1/12 to 6/30/13	STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA		STUDENT FINANCIAL AID-VP SA

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\$113,636	UNIVERSITY OF MICHIGAN	4044022
111809	ROLE OF METHANOTROPHS IN METAL MOBILIZATION, METAL IMMOBILIZATION AND MINERAL WEATHERING: EFFECTS ON IN SITU MICROBIAL COMMUNITY STRUCTURE AND THE SUSTAINABILITY OF SUBSURFACE WATER SYSTEMS 9/1/12 to 11/20/13 RESEARCH DISPIRITO, ALAN BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS	
\$111,382	WINEGARD COMPANY	4002536
121219	IOWA STATE UNIVERSITY/WINEGARD ADVANCED RESEARCH CONTRACT 2013 EXTENSION TASK LIST 1/1/13 to 12/31/13 RESEARCH LUECKE, GREG MECHANICAL ENGINEERING-ENGR	
\$106,793	UNIVERSITY OF NEBRASKA LINCOLN	4041703
113802	NCHRP 18-16 SELF-CONSOLIDATING CONCRETE FOR CAST-IN-PLACE BRIDGE COMPONENTS 7/1/11 to 6/1/14 RESEARCH TAYLOR, PETER INSTITUTE FOR TRANSPORTATION-VPR/ED CO-PI WANG, KEJIN CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$105,977	UNIVERSITY OF ALABAMA BIRMINGHAM	4044023
116929	FACTORS AFFECTING PREDICTION ACCURACY OF COMPLEX HUMAN TRAITS & DISEASES 9/1/12 to 6/30/13 RESEARCH FERNANDO, ROHAN ANIMAL SCIENCE-AES/CALS	
\$102,000	DOE-U.S. DEPARTMENT OF ENERGY	4012004
115949	INDUSTRIAL ASSESSMENT CENTER 9/30/11 to 5/31/13 RESEARCH MAXWELL, GREGORY MECHANICAL ENGINEERING-ENGR CO-PI PETERS, FRANK INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR CO-PI CHRISTY, COLIN CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT	
\$100,000	MIDAMERICAN ENERGY COMPANY	4002073
121383	EPRC SUPPORT 11/1/12 to 10/31/13 RESEARCH CHRISTY, COLIN ELECTRICAL & COMPUTER ENGINEERING-ENGR	

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\$82,911	ED-U.S. DEPARTMENT OF EDUCATION	4325733
120364	PELL GRANT, FY13	
	7/1/12 to 6/30/13 STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
\$78,450	IOWA HOMELAND SECURITY & EMERGENCY MANAGEMENT DIVISION	4781217
121544	ISU ADMINISTRATION BUILDING SAFE ROOM	
	1/25/12 to 2/22/13 MISCELLANEOUS	
	MADDEN, WARREN VICE PRESIDENT FOR BUSINESS & FINANCE-VPBF	
\$75,000	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	4714009
121330	REDUCING SOIL AND PHOSPHORUS LOSS WITH SURFACE RUNOFF FROM CORN-SOYBEAN ROTATIONS BY NO-TILL, COVER CROPS, AND IMPROVED PHOSPHORUS MANAGEMENT	
	7/1/13 to 6/30/15 RESEARCH	
	MALLARINO, ANTONIO AGRONOMY-AES/CALS	
CO-PI	HELMERS, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$70,112	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	4222108
104740	REMOTE SENSING DATA AS DRIVERS FOR STREAMFLOW PREDICTION MODELS FOR THE UPPER MIDWEST	
	7/29/10 to 7/28/13 RESEARCH	
	FRANZ, KRISTIE GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	
\$70,000	NATIONAL 4-H COUNCIL	4003054
121131	IOWA 4-H VOLUNTEERS AND MONSANTO VEAR PILOT STATE	
	1/1/13 to 12/31/13 EXTENSION/PUBLIC	
	LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
CO-PI	GLEASON, CHRIS EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$70,000	KNOLLS ATOMIC POWER LABORATORY	4002519
121280	CENTER FOR NDE MEMBERSHIP	
	1/1/11 to 12/31/12 RESEARCH	
	BOND, LEONARD AEROSPACE ENGINEERING-ENGR	

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\$69,984	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	4714011
120039	IMPROVING CONSERVATION THROUGH REDUCED TILLAGE AND COVER-CROP-BASED ROTATIONS IN ORGANIC PRODUCTION 10/1/12 to 9/30/15 RESEARCH DELATE, KATHLEEN HORTICULTURE-AES/CALS	
\$60,167	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194013
119217	BUILDING NETWORKS FOR CANOLA-JET FUEL VALUE CHAINS 8/1/12 to 5/15/13 RESEARCH FLORA, CORNELIA SOCIOLOGY-AES/CALS	
\$59,421	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	4714010
121474	ONION CREEK WATERSHED PROJECT 10/1/12 to 9/30/14 RESEARCH ISENHART, THOMAS NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS CO-PI SCHULTZ, RICHARD NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$59,296	DANISCO UK LTD	4004209
119235	COMPARISON OF NATURAL AND SYNTHETIC BETAINES ON GROWTH PERFORMANCE, METABOLISM AND INTESTINAL INTEGRITY AND FUNCTION IN GROW/FINISH PIGS UNDER ACUTE HEAT STRESS DURATION CHALLENGE 1/1/13 to 8/1/13 RESEARCH GABLER, NICHOLAS ANIMAL SCIENCE-AES/CALS	
\$57,912	UNIVERSITY OF GEORGIA	4041721
115795	CAN DRUG TARGETS FROM PARASITIC NEMATODES BE USEFULLY EXPRESSED IN C. ELEGANS? 2/15/12 to 1/31/14 RESEARCH ROBERTSON, ALAN BIOMEDICAL SCIENCES-VET	
\$52,000	AMERICAN HEART ASSOCIATION	4002829
119443	IMPROVING CARDIOVASCULAR HEALTH OF TWO HEARTS WITH ONE STEP: EVALUATION OF AN INNOVATIVE WEBSITE TO PROMOTE WALKING DURING PREGNANCY AND REDUCE RISK FACTORS ASSOCIATED WITH CHRONIC DISEASE 1/1/13 to 12/31/14 FELLOWSHIP CAMPBELL, CHRISTINA FOOD SCIENCE & HUMAN NUTRITION-HS CO-PI SMITH, KATIE FOOD SCIENCE & HUMAN NUTRITION-HS	

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\$50,000	IOWA DEPARTMENT OF TRANSPORTATION			4747752
120227	RAPID BRIDGE DECK JOINT REPAIR INVESTIGATION			
	1/1/13 to 12/31/14	RESEARCH		
CO-PI	JAHREN, CHARLES		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
	HALLMARK, SHAUNA		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$50,000	BATTELLE MEMORIAL INSTITUTE-PACIFIC NORTHWEST NATIONAL LABORATORY			4042514
120599	JOINT ANALYSIS BY PNNL AND IOWA STATE UNIVERSITY			
	11/21/11 to 12/31/13	RESEARCH		
CO-PI	HU, GUIPING		INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
	BROWN, ROBERT		MECHANICAL ENGINEERING-ENGR	
\$50,000	CHEVRON PHILLIPS CHEMICAL COMPANY LLC			4007204
121079	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP			
	12/1/12 to 11/30/13	RESEARCH		
	SHANKS, BRENT		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$50,000	LESAFFRE YEAST CORPORATION			4007204
121307	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP			
	2/1/13 to 1/31/14	RESEARCH		
	SHANKS, BRENT		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$50,000	TORAY INDUSTRIES INC			4007204
121312	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP			
	3/1/13 to 2/28/14	RESEARCH		
	SHANKS, BRENT		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$50,000	MICHELIN AMERICAS RESEARCH & DEVELOPMENT CORPORATION			4007204
121325	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP			
	12/20/12 to 12/19/13	RESEARCH		
	SHANKS, BRENT		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	

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\$49,999	METABOLIC TECHNOLOGIES INC	4042046
119247	METABOLIC ENGINEERING OF MORITELLA MARINA MP-1 FOR DHA PRODUCTION	
	1/1/13 to 6/30/13 RESEARCH	
	JARBOE, LAURA CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$43,576	DANISCO UK LTD	4004210
119238	COMPARISON OF NATURAL AND SYNTHETIC BETAINES ON GROWTH PERFORMANCE, METABOLISM AND INTESTINAL INTEGRITY AND FUNCTION IN GROW/FINISH PIGS UNDER HEAT STRESS CONDITIONS (DIGESTIBILITY)	
	5/1/13 to 12/31/13 RESEARCH	
	GABLER, NICHOLAS ANIMAL SCIENCE-AES/CALS	
\$40,830	NSF-NATIONAL SCIENCE FOUNDATION	4202178
120998	CAREER: NEW TOPICS IN FUNCTIONAL DATA ANALYSIS	
	8/3/12 to 5/31/13 RESEARCH	
	LI, YEHUA STATISTICS-LAS	
\$40,000	UNIVERSITY OF NEBRASKA LINCOLN	4047701
116573	UNIVERSITY TRANSPORTATION CENTERS PROGRAM OPEN COMPETITION: REGIONAL UNIVERSITY TRANSPORTATION CENTER (REGION 7)	
	5/16/12 to 12/31/13 RESEARCH	
	GKRITZA, KONSTANTINA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$40,000	IOWA DEPARTMENT OF NATURAL RESOURCES	4734029
119381	ESTIMATING BREEDING POPULATIONS OF CANADA GEESE IN THE MIDWEST-A MODEL TO PREDICT CANADA GOOSE BREEDING PAIR DENSITIES USING NATIONAL WETLANDS INVENTORY DATA	
	1/10/13 to 9/30/15 RESEARCH	
	KLAVER, ROBERT NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$40,000	IOWA DEPARTMENT OF TRANSPORTATION	4741789
120815	DEVELOPMENT OF PERFORMANCE PROPERTIES OF TERNARY MIXTURES, PHASE 4 DEVELOPMENT OF TERNARY CONCRETE MIXTURES MANUAL OF PRACTICE	
	12/1/05 to 6/30/13 RESEARCH	
	TAYLOR, PETER INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	HALLMARK, SHAUNA INSTITUTE FOR TRANSPORTATION-VPR/ED	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$39,051	IOWA DEPARTMENT OF TRANSPORTATION	4747740
120900	SMART WORK ZONE DEPLOYMENT INITIATIVE (SWZDI) FOR 2013	
	1/1/13 to 12/31/13 RESEARCH	
CO-PI	MCDONALD, THOMAS HALLMARK, SHAUNA	INSTITUTE FOR TRANSPORTATION-VPR/ED CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
\$36,096	STOLLER ENTERPRISES	4003311
121201	FIELD TRIAL EVALUATION OF STOLLER ENTERPRISES FUNGICIDE ON CORN	
	4/1/12 to 12/31/12 EXTENSION/PUBLIC	
	ROBERTSON, ALISON	PLANT PATHOLOGY-EXT
\$35,625	IOWA HOMELAND SECURITY & EMERGENCY MANAGEMENT DIVISION	4781216
121524	ISU VET MED CHILD CARE CENTER SAFE ROOM	
	1/25/12 to 2/22/13 MISCELLANEOUS	
	MADDEN, WARREN	VICE PRESIDENT FOR BUSINESS & FINANCE-VPBF
\$31,778	UNIVERSITY OF IOWA	4041728
121306	EFFICACY OF THE SCIENCE WRITING HEURISTIC APPROACH	
	6/1/12 to 5/31/13 RESEARCH	
	SHELLEY, MACK	STATISTICS-LAS
\$31,500	FUJI ELECTRIC CO LTD	4006016
119471	APPLICATIONS OF AREA ANGLES	
	1/1/13 to 6/30/13 RESEARCH	
	DOBSON, IAN	ELECTRICAL & COMPUTER ENGINEERING-ENGR
\$31,250	TEXAS TECH UNIVERSITY	4046014
117579	METAL-HYDRIDE BASED REACTIVE MATERIAL COMPOSITES	
	6/1/12 to 5/31/17 RESEARCH	
	LEVITAS, VALERY	AEROSPACE ENGINEERING-ENGR

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$31,104	AMERICAN KENNEL CLUB CANINE HEALTH FOUNDATION	4002360
118757	POTENTIAL ASSOCIATION BETWEEN ALTERED GUT MICROBIOTA AND DEVELOPMENT OF MENINGOENCEPHALOMYELITIS OF UNKNOWN ETIOLOGY (MUE) IN DOGS 1/1/13 to 12/31/14 RESEARCH	
CO-PI	JEFFERY, NICHOLAS JERGENS, ALBERT	VETERINARY CLINICAL SCIENCES-VET VETERINARY CLINICAL SCIENCES-VET
\$30,380	SANDIA CORPORATION-SANDIA NATIONAL LABORATORIES	4042079
115404	INNOVATIVE OFFSHORE VERTICAL-AXIS WIND TURBINE ROTORS 2/1/12 to 1/31/14 RESEARCH	
CO-PI	FRANK, MATTHEW PETERS, FRANK JACKMAN, JOHN DAYAL, VINAY SARKAR, PARTHA HU, HUI	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR AEROSPACE ENGINEERING-ENGR AEROSPACE ENGINEERING-ENGR AEROSPACE ENGINEERING-ENGR
\$30,000	OSTEO CERAMICS INC	4002311
120641	MARKETING EXPERIMENTS FOR INDUCED BONE REGENERATION 7/1/03 to 12/31/13 RESEARCH	
	HOEFLE, WILLIAM	VETERINARY CLINICAL SCIENCES-VET
\$30,000	MISSISSIPPI STATE UNIVERSITY	4042848
120865	EVALUATION OF THE ATOMS2XP PROGRAM 8/15/12 to 6/21/13 RESEARCH	
CO-PI	ANDERSON, MARY KEMIS, MARI	SCHOOL OF EDUCATION-HS SCHOOL OF EDUCATION-HS
\$26,950	MARRONE BIO INNOVATIONS	4003079
121402	FIELD TRIALS FOR SOYBEAN DISEASE MANAGEMENT 4/1/12 to 12/31/12 EXTENSION/PUBLIC	
	MUELLER, DAREN	PLANT PATHOLOGY-EXT

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$26,250	UNIVERSITY OF MINNESOTA TWIN CITIES	4102808
118693	FEASIBILITY OF ULTRASOUND INTO HTST FOR EXTENDED SHELF LIFE MILK	
	10/1/12 to 12/31/14 RESEARCH	
CO-PI	CLARK, STEPHANIE	FOOD SCIENCE & HUMAN NUTRITION-HS
CO-PI	GREWELL, DAVID	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS
CO-PI	JUNG, STEPHANIE	FOOD SCIENCE & HUMAN NUTRITION-AES/CALS
\$25,000	GRAIN PROCESSING CORPORATION	4007204
121080	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP	
	12/1/12 to 11/30/13 RESEARCH	
	SHANKS, BRENT	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
\$25,000	POET RESEARCH	4007204
121082	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP	
	11/25/12 to 11/24/13 RESEARCH	
	SHANKS, BRENT	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
\$25,000	IOWA DEPARTMENT OF TRANSPORTATION	4747799
121276	PLANNING, DEVELOPING, AND IMPLEMENTATION OF THE IOWA PAVEMENT MARKING MANAGEMENT PROGRAM	
	4/1/05 to 12/31/13 RESEARCH	
CO-PI	HAWKINS, NEAL	INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI	SMADI, OMAR	INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI	HALLMARK, SHAUNA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
\$25,000	INTERNATIONAL FLAVORS & FRAGRANCES INC	4007204
121309	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP	
	2/9/13 to 2/8/14 RESEARCH	
	SHANKS, BRENT	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
\$25,000	DSM PERFORMANCE MATERIALS	4007204
121327	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP	
	1/1/13 to 12/31/13 RESEARCH	
	SHANKS, BRENT	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$25,000	MIDWEST INDEPENDENT TRANSMISSION SYSTEM OPERATOR INC	4006081
121367	EPRC SUPPORT	
	1/1/13 to 12/31/13 RESEARCH	
	CHRISTY, COLIN ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$24,963	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	4222010
121110	CONCRETE BRICK PREPARATION AND CONCRETE AND LUNAR AND/OR MARTIAN REGOLITH SIMULANT BRICK TESTING	
	1/29/13 to 9/30/13 RESEARCH	
	ALLEMAN, JAMES CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	KESSLER, MICHAEL MATERIALS SCIENCE & ENGINEERING-ENGR	
\$20,480	THE NATURE CONSERVANCY	4002157
120437	CONSERVATION, HABITAT USE, AND GENETIC DIVERSITY OF A TRANSLOCATED POPULATION OF GREATER PRAIRIE-CHICKENS IN IOWA	
	1/15/13 to 6/15/16 RESEARCH	
	VOGEL, JENNIFER ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
CO-PI	DEBINSKI, DIANE ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	
\$19,250	UNIVERSITY OF NEBRASKA LINCOLN	4002902
120256	VALUE AND RECEPTIVITY: A MIXED METHODS STUDY OF GLOBAL ATTITUDES TOWARD INTERIOR DESIGN ACCREDITATION	
	7/1/12 to 11/1/13 RESEARCH	
	SONG, JIHYUN INTERIOR DESIGN-DSN	
\$15,000	UNIVERSITY OF NEBRASKA MEDICAL CENTER	4044024
120068	PRE-PROFESSIONAL PERCEPTIONS OF SAFETY AND QUALITY CONCERNS IN AGRICULTURAL WORK ENVIRONMENTS	
	12/1/12 to 8/31/13 RESEARCH	
	MOSHER, GRETCHEN AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	FREEMAN, STEVEN AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	FREEMAN, STEVEN AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$15,000	UNIVERSITY OF NORTHERN IOWA	4752022
120909	TACKLING AERODYNAMIC NOISE CHALLENGES OF NEXT-GEN AIRCRAFT ENGINES	
	12/1/12 to 7/31/13 RESEARCH	
	SHARMA, ANUPAM AEROSPACE ENGINEERING-ENGR	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$15,000	COTTON INC				4002155
121001	COMPARATIVE EVOLUTIONARY PROTEOMICS OF COTTON				
	1/1/13 to 12/31/13	RESEARCH			
	WENDEL, JONATHAN		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS		
\$15,000	BASF CORPORATION				4004132
121094	EVALUATE BASF PRODUCTS ON SOYBEAN AND CORN DISEASES, PLANT HEALTH AND YIELDS				
	4/1/12 to 12/31/12	RESEARCH			
	YANG, XIAO		PLANT PATHOLOGY-AES/CALS		
CO-PI	NAVI, SHRISHAIL		PLANT PATHOLOGY-AES/CALS		
\$15,000	IOWA CORN PROMOTION BOARD				4513002
121193	CHARACTERIZATION OF PYTHIUM SSP FROM CORNFIELDS IN IOWA WITH A HISTORY OF SEEDLING DISEASE				
	1/1/13 to 12/31/13	RESEARCH			
	ROBERTSON, ALISON		PLANT PATHOLOGY-EXT		
\$14,999	GRAIN PROCESSING CORPORATION				4003909
120726	JAPANESE BEETLE MANAGEMENT				
	6/1/12 to 1/31/13	RESEARCH			
	HODGSON, ERIN		ENTOMOLOGY-EXT		
\$14,000	VALENT USA CORPORATION				4003311
121408	FIELD TRIAL EVALUATION OF VALENT FUNGICIDE ON CORN				
	4/1/12 to 12/31/12	EXTENSION/PUBLIC			
	ROBERTSON, ALISON		PLANT PATHOLOGY-EXT		
\$12,978	NUTRA-FLO PROTEIN & BIOTECH PRODUCTS				4006529
121177	DEVELOPMENT OF A COST EFFECTIVE ALTERNATIVE TO EXPENSIVE SPECIALTY PROTEIN SOURCES IN WEANLING PIG DIETS				
	12/1/12 to 11/30/13	RESEARCH			
	PATIENCE, JOHN		ANIMAL SCIENCE-AES/CALS		
CO-PI	FORNEY, CRAIG		INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VPR		

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$11,000	CHEMTURA CORPORATION	4004132
121393	EVALUATE THE PROTECTION PROVIDED BY IPCONAZOLE AND IPCONAZOLE COMBINATIONS RELATIVE TO STANDARD TREATMENTS PROTOCOL: STR12-03A AND PROTOCOL: STR12-03B 4/1/12 to 12/31/12 RESEARCH YANG, XIAO PLANT PATHOLOGY-AES/CALS CO-PI NAVI, SHRISHAIL PLANT PATHOLOGY-AES/CALS	
\$10,800	MORRIS ANIMAL FOUNDATION	4004183
119644	DEVELOPMENT OF PROTOCOLS FOR SLOW FREEZING AND VITRIFICATION OF ALPACA EMBRYOS 2/1/13 to 1/31/14 RESEARCH YOUNGS, CURTIS ANIMAL SCIENCE-AES/CALS	
\$10,585	ED-U.S. DEPARTMENT OF EDUCATION	4325731
120368	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	
\$10,000	DOD-OFFICE OF NAVAL RESEARCH (ONR)	4212124
97671	TOWARDS SECURE AND PRIVACY-PRESERVING DEPLOYMENT AND ACCESS OF LARGE TACTICAL SENSOR NETWORKS 6/1/09 to 5/31/13 RESEARCH ZHANG, WENSHENG COMPUTER SCIENCE-LAS	
\$10,000	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194076
120929	RESEARCH SUPPORT AGREEMENT 10/1/12 to 9/30/13 EXTENSION/PUBLIC BEITZ, DONALD ANIMAL SCIENCE-AES/CALS	
\$10,000	BASF CORPORATION	4003311
121203	FIELD TRIAL EVALUATION OF BASF FUNGICIDE ON CORN 4/1/12 to 12/31/12 EXTENSION/PUBLIC ROBERTSON, ALISON PLANT PATHOLOGY-EXT	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$9,054	USDA-FOREIGN AGRICULTURAL SERVICE (FAS)	4123007
121270	US-SERBIA COOPERATION ON FRUIT PRODUCTION AND ADOPTION OF INTEGRATED PEST MANAGEMENT TOOLS	
	2/15/12 to 12/31/13 EXTENSION/PUBLIC	
	GLEASON, MARK PLANT PATHOLOGY-AES/CALS	
\$7,997	IOWA DEPARTMENT OF TRANSPORTATION	4741780
121150	IMPROVING TRAFFIC SAFETY CULTURE IN IOWA-PHASE II	
	5/1/11 to 2/28/13 RESEARCH	
	GKRITZA, KONSTANTINA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	ALBRECHT, CHRISTOPHER INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$7,989	NATIONAL 4-H COUNCIL	4003057
121089	JCPENNEY AFTER SCHOOL PROGRAM	
	1/1/13 to 12/31/13 EXTENSION/PUBLIC	
	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$7,184	IOWA DEPARTMENT OF NATURAL RESOURCES	4734026
120647	FIELD NOTES: USING A GRADUATE STUDENT OUTREACH PUBLICATION TO INCREASE INTEREST AND KNOWLEDGE IN NATURAL RESOURCE CONSERVATION AND MANAGEMENT BY EDUCATORS AND THEIR STUDENTS	
	12/31/12 to 11/15/14 EXTENSION/PUBLIC	
	CHRISTOFFEL, REBECCA NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$7,150	GREENSPIRE GLOBAL	4003311
121411	FIELD TRIAL TESTING PROCIDIC FOR CONTROL OF GOSS'S WILT OF CORN	
	4/1/12 to 12/31/12 EXTENSION/PUBLIC	
	ROBERTSON, ALISON PLANT PATHOLOGY-EXT	
\$6,600	ENGAGE AGRO USA	4003311
121106	FIELD TRIAL EVALUATION OF ENGAGE AGRO USA FUNGICIDE ON CORN	
	4/1/12 to 12/31/12 EXTENSION/PUBLIC	
	ROBERTSON, ALISON PLANT PATHOLOGY-EXT	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$5,358	ALLAMAKEE COUNTY EXTENSION OFFICE	4103923
119893	NORTHEAST IOWA FOOD & FITNESS INITIATIVE, EYSC9 YEAR 3	
	7/1/12 to 12/31/12 EXTENSION/PUBLIC	
CO-PI	SCHRANDT-PROUTY, MARY EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
	LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$5,000	JOWAT CORPORATION	4007204
120317	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP	
	9/6/12 to 12/31/13 RESEARCH	
	SHANKS, BRENT CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$5,000	BAYER CROP SCIENCE	4003311
120399	FIELD TRIAL EVALUATION OF BAYER SEED TREATMENT PRODUCTS FOR CORN	
	4/1/12 to 12/31/13 RESEARCH	
	ROBERTSON, ALISON PLANT PATHOLOGY-AES/CALS	
\$4,900	AMERICAN RED CROSS	4003023
121022	LOCAL SUPPORT FOR THE IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/12 to 8/31/13 EXTENSION/PUBLIC	
CO-PI	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
	MCCARTHY, JUDY EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$4,500	MARRONE BIO INNOVATIONS	4003311
121202	FIELD TRIAL EVALUATION OF MARRONE BRIO INNOVATIONS FUNGICIDE ON CORN	
	4/1/12 to 12/31/12 EXTENSION/PUBLIC	
	ROBERTSON, ALISON PLANT PATHOLOGY-EXT	
\$4,140	MONSANTO COMPANY	4004203
121567	SERVICE ORDER #34	
	11/1/11 to 2/1/12 RESEARCH	
	TYLKA, GREGORY PLANT PATHOLOGY-AES/CALS	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$4,000	ED-U.S. DEPARTMENT OF EDUCATION	4325731
120368	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	
\$3,701	ROCHESTER INSTITUTE OF TECHNOLOGY	4042047
111706	APRA-GENI: APPLYING A PROJECT-BASED APPROACH TO UNDERSTANDING MULTIPLE GENI RESOURCES NETWORKING RESEARCH	
	10/1/11 to 9/30/12 INSTRUCTION/TRAINING	
	GUAN, YONG ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$2,750	ECO SOLV TECHNOLOGIES	4003311
121281	MANAGEMENT OF GOSS'S WILT FIELD TRIALS OF ECO SOLV TECHNOLOGIES	
	4/1/12 to 12/31/12 EXTENSION/PUBLIC	
	ROBERTSON, ALISON PLANT PATHOLOGY-EXT	
\$2,450	COMMUNITY FOUNDATION OF GREAT RIVER BEND	4003023
121020	LOCAL SUPPORT FOR THE IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/12 to 8/31/13 EXTENSION/PUBLIC	
	TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
	CO-PI MCCARTHY, JUDY EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$2,112	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	
\$2,000	HUMANITIES IOWA	4042172
121288	THE BIG THIRST: AUTHOR CHARLES FISHMAN LECTURES ON THE TURBULENT FUTURE OF WATER	
	2/25/13 to 2/26/13 MISCELLANEOUS	
	MARQUART, DEBRA ENGLISH-LAS	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$1,483	FOX ENGINEERING ASSOCIATES INC			4006101
121215	PHASE I ARCHAEOLOGICAL SURVEY DEERY MOTORS SKUNK RIVER PROJECT			
	12/7/12 to 1/18/13	RESEARCH		
	HILL, MATTHEW		ANTHROPOLOGY-LAS	
\$1,250	ANIMAL BEHAVIOR SOCIETY			4002153
118785	DO FEMALES MATE MULTIPLY TO ACQUIRE DIRECT BENEFITS FROM EJACULATES?			
	12/1/12 to 5/15/15	RESEARCH		
	KELLY, CLINT		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
CO-PI	WORTHINGTON, AMY		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$1,225	YOUTH & SHELTER SERVICES			4003023
120973	LOCAL SUPPORT FOR THE IOWA AMERICORPS STATE OF PROMISE PROGRAM			
	9/1/12 to 8/31/13	EXTENSION/PUBLIC		
	TALLMAN, KELI		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
CO-PI	MCCARTHY, JUDY		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,000	OMEGACHEA			4007204
120984	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP			
	11/21/12 to 11/20/13	RESEARCH		
	SHANKS, BRENT		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$1,000	PINE CREEK SYSTEMS INC			4007204
121308	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP			
	2/9/13 to 2/8/14	RESEARCH		
	SHANKS, BRENT		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$1,000	FRONTLINE BIOENERGY LLC			4007204
121311	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP			
	2/27/13 to 2/26/14	RESEARCH		
	SHANKS, BRENT		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$500 BIOBUSINESS ALLIANCE OF MINNESOTA (BBAM)

4007204

121322 CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP

3/22/13 to 3/21/14 RESEARCH

SHANKS, BRENT

CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
