

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$10,513,622	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	
\$1,095,661	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	
\$951,242	ED-U.S. DEPARTMENT OF EDUCATION	4375725
122016	FEDERAL COLLEGE WORK STUDY PROGRAM	
	6/1/12 to 5/31/13 STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
\$829,500	NORTH CAROLINA STATE UNIVERSITY	4003914
121855	DAIRY RECORDS MANAGEMENT SYSTEM	
	5/1/13 to 4/30/14 EXTENSION/PUBLIC	
	HOGBERG, MAYNARD ANIMAL SCIENCE-AES/CALS	
CO-PI	PALAS, GREGORY ANIMAL SCIENCE-EXT	
\$742,125	UNIVERSITY OF NORTHERN IOWA	4752030
119771	NEXT GENERATION LITHIUM SULFUR BATTERIES FOR MISSION ENABLING ENERGY STORAGE SYSTEMS	
	2/1/13 to 1/31/16 RESEARCH	
	MARTIN, STEVE MATERIALS SCIENCE & ENGINEERING-ENGR	
CO-PI	BECKMAN, SCOTT MATERIALS SCIENCE & ENGINEERING-ENGR	
\$725,880	DOD-AIR FORCE RESEARCH LABORATORY (AFRL)	4212030
115866	COMPREHENSION-DRIVEN PROGRAM ANALYSIS (CPA) FOR MALWARE DETECTION IN ANDROID PHONES	
	2/3/12 to 8/2/13 RESEARCH	
	KOTHARI, SURAJ ELECTRICAL & COMPUTER ENGINEERING-ENGR	

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\$625,316	ED-U.S. DEPARTMENT OF EDUCATION	4325732
122015	SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS (SEOG)	
	6/1/12 to 5/31/13 STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA	
\$492,764	NSF-NATIONAL SCIENCE FOUNDATION	4202164
118704	COLLABORATIVE RESEARCH: EASM-2: ADVANCED CLIMATE AND REGIONAL MODEL EVALUATION FOR SOCIETAL APPLICATIONS	
	2/15/13 to 1/31/18 RESEARCH	
	GUTOWSKI, WILLIAM GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	
\$401,486	DONALD DANFORTH PLANT SCIENCE CENTER	4044001
119708	TRPGR: DS REGIONAL MUTAGENESIS, A PLATFORM FOR DEFINING GENE FUNCTION IN MAIZE	
	10/1/12 to 4/30/13 RESEARCH	
	VOLLBRECHT, ERIK GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS	
\$399,136	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 DOE-VPR/ED	
\$336,826	IOWA DEPARTMENT OF PUBLIC HEALTH	4782802
119921	MATERNAL INFANT AND EARLY CHILDHOOD HOME VISITING (MIECHV)	
	7/1/12 to 6/30/13 RESEARCH	
	PETERSON, CARLA HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
CO-PI	HUGHES-BELDING, KERE HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
\$296,960	IOWA ECONOMIC DEVELOPMENT AUTHORITY	4781732
118684	IOWA BUILDING ENERGY BENCHMARKING-PHASE II	
	1/15/13 to 9/30/14 RESEARCH	
	ZHOU, XIAOHUI IOWA ENERGY CENTER-VPR/ED	

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\$238,500	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	4164130
119711	TRANSDISCIPLINARY GRADUATE TRAINING PROGRAM IN CHILDHOOD OBESITY USING A SOCIO-ECONOMIC MODEL	
	2/15/13 to 2/14/18 INSTRUCTION/TRAINING	
	SCHALINSKE, KEVIN FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
\$231,458	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	4144200
118730	IOWA AGROFORESTRY AND INTEGRATED FORESTRY ECOSYSTEMS RESEARCH	
	10/1/11 to 9/30/13 RESEARCH	
	WINTERSTEEN, WENDY AGRICULTURE & HOME ECONOMICS EXPERIMENT STATION-AES/CALS	
CO-PI	COLLETTI, JOE AGRICULTURE & HOME ECONOMICS EXPERIMENT STATION-AES/CALS	
CO-PI	BLODGETT, SUE NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$199,972	NSF-NATIONAL SCIENCE FOUNDATION	4202548
120220	HIGH-SPEED 3D OPTICAL METROLOGY FOR IN-SITU APPLICATIONS	
	5/15/13 to 4/30/16 RESEARCH	
	ZHANG, SONG MECHANICAL ENGINEERING-ENGR	
\$198,082	KANSAS STATE UNIVERSITY	4102302
118508	CURRICULUM ENHANCEMENT FOR DISEASES THAT THREATEN FOOD SECURITY	
	9/1/12 to 8/31/15 INSTRUCTION/TRAINING	
	ROTH, JAMES VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
CO-PI	BROWN, GAYLE CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET	
CO-PI	FLAMING, KEVAN CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET	
\$191,340	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	
\$180,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	4164131
119718	CYCLONE SCHOLARS: PREPARING MULTICULTURAL STUDENTS FOR CAREERS IN THE GLOBAL FOOD SYSTEM	
	7/1/13 to 6/30/18 SCHOLARSHIP	
	MACDONALD, RUTH FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
CO-PI	REITMEIER, CHERYLL FOOD SCIENCE & HUMAN NUTRITION-HS	

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\$180,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	4164131
119718	CYCLONE SCHOLARS: PREPARING MULTICULTURAL STUDENTS FOR CAREERS IN THE GLOBAL FOOD SYSTEM	
	7/1/13 to 6/30/18 SCHOLARSHIP	
CO-PI	OLDHAM, ANNE	FOOD SCIENCE & HUMAN NUTRITION-HS
CO-PI	WILLIAMS, DENISE	HUMAN SCIENCES STUDENT SERVICES-HS
CO-PI	CURBELO, AURELIO	AGRICULTURAL EDUCATION & STUDIES-AES/CALS
\$170,000	NATIONAL ACADEMIES	4281719
113291	A GUIDEBOOK FOR CONSTRUCTION MANAGER-AT-RISK CONTRACTING FOR HIGHWAY PROJECTS	
	3/8/11 to 6/30/13 RESEARCH	
CO-PI	GRANSBERG, DOUGLAS	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
CO-PI	SHANE, JENNIFER	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED
\$158,034	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 DOE-VPR/ED
\$148,847	INSTITUTE OF INTERNATIONAL EDUCATION INC	4046111
120847	BRAZILIAN TEACHER TRAINING PROGRAM	
	1/1/13 to 2/23/13 INSTRUCTION/TRAINING	
	SCHWARTE, BARBARA	ENGLISH-LAS
\$142,660	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
\$139,999	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

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\$136,028	ABLYNX NV			4002369
121234	NANOBODY PK STUDIES IN LAMBS			
	1/14/13 to 1/14/14	RESEARCH		
	ACKERMANN, MARK	VETERINARY PATHOLOGY-VET		
CO-PI	SPONSELLER, BRETT	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET		
\$130,000	AMERICAN CONCRETE PAVEMENT ASSOCIATION			4001795
121268	MANAGEMENT OF THE NATIONAL CONCRETE PAVEMENT TECHNOLOGY CENTER			
	1/1/13 to 12/31/13	DEPT/ADMIN SUPPORT		
	CACKLER, ELLS	INSTITUTE FOR TRANSPORTATION-VPR/ED		
CO-PI	HALLMARK, SHAUNA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR		
\$100,249	UNIVERSITY OF SOUTHERN CALIFORNIA			4042156
113596	CONTROL OF QUANTUM OPEN SYSTEMS: THEORY AND EXPERIMENTS			
	8/9/11 to 7/31/13	RESEARCH		
	DALESSANDRO, DOMENICO	MATHEMATICS-LAS		
\$100,000	ZOETIS			4002372
121223	BETTER UNDERSTANDING OF GENETIC AND ANTIGENIC RELATIONSHIP AMONG PRRS VIRUSES AND APPLICATION OF NEXT-GENERATION SEQUENCING TECHNOLOGY TO CHARACTERIZATION OF PRRSV			
	3/1/13 to 2/28/14	RESEARCH		
	YOON, KYOUNG-JIN	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET		
CO-PI	ZHANG, JIANQIANG	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET		
CO-PI	LI, GANWU	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET		
\$100,000	PORTLAND CEMENT ASSOCIATION			4001718
121269	MANAGEMENT OF THE NATIONAL CONCRETE PAVEMENT TECHNOLOGY CENTER			
	1/1/13 to 12/31/13	DEPT/ADMIN SUPPORT		
	CACKLER, ELLS	INSTITUTE FOR TRANSPORTATION-VPR/ED		
CO-PI	HALLMARK, SHAUNA	INSTITUTE FOR TRANSPORTATION-VPR/ED		
\$100,000	UNITED TECHNOLOGIES CORPORATION-PRATT & WHITNEY DIVISION			4006030
121521	DEVELOPMENT OF ULTRASONIC GRAIN SIZING METHODS FOR TYPICAL FORGING GEOMETRIES			
	1/1/13 to 12/20/13	RESEARCH		
	BRASCHE, LISA	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED		

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\$100,000	UNITED TECHNOLOGIES CORPORATION-PRATT & WHITNEY DIVISION	4006030
121521	DEVELOPMENT OF ULTRASONIC GRAIN SIZING METHODS FOR TYPICAL FORGING GEOMETRIES	
	1/1/13 to 12/20/13 RESEARCH	
CO-PI	BARNARD, DAN	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED
CO-PI	MARGETAN, FRANK	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED
CO-PI	ROBERTS, RONALD	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED
CO-PI	GRAY, TIMOTHY	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED
CO-PI	WLEZIEN, RICHARD	AEROSPACE ENGINEERING-ENGR
\$91,000	IOWA DEPARTMENT OF TRANSPORTATION	4741794
121548	TECHNOLOGY TRANSFER CONCRETE CONSORTIUM	
	1/1/08 to 12/31/13 RESEARCH	
CO-PI	CACKLER, ELLS	INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI	HALLMARK, SHAUNA	INSTITUTE FOR TRANSPORTATION-VPR/ED
\$75,646	NSF-NATIONAL SCIENCE FOUNDATION	4206235
119265	CAREER: MULTI-FREQUENCY MULTI-OUTPUT SWITCHING POWER CONVERTERS FOR DYNAMIC ENERGY DISTRIBUTION IN HIGHLY INTEGRATED SYSTEMS	
	2/15/13 to 1/31/18 RESEARCH	
	FAYED, AYMAN	ELECTRICAL & COMPUTER ENGINEERING-ENGR
\$75,346	DOD-ARMY	4212018
107355	CHARGE DENSITY ENGINEERING: A FEASIBILITY STUDY	
	9/1/10 to 8/31/13 RESEARCH	
	RAJAN, KRISHNA	MATERIALS SCIENCE & ENGINEERING-ENGR
\$75,000	NATIONAL PORK BOARD	4534030
121013	COLLABORATION AGREEMENT BETWEEN US PORK CENTER OF EXCELLENCE AND NATIONAL PORK BOARD	
	1/18/13 to 12/31/13 MISCELLANEOUS	
	MEISINGER, DAVID	AGRICULTURE ADMINISTRATION-AES/CALS

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\$74,000	NIH-NATL INST OF ALLERGY & INFECTIOUS DISEASES (NIAID)	4302352
115834	ASSAYING THE ANTHELMINTIC POTENTIAL OF A NOVEL FLATWORM-SPECIFIC GPCR FAMILY	
	2/8/12 to 1/31/14 RESEARCH	
	DAY, TIMOTHY BIOMEDICAL SCIENCES-VET	
\$70,000	IOWA DEPARTMENT OF TRANSPORTATION	4747997
121427	PONTIS IMPLEMENTATION AND OPERATION: IOWA DOT	
	11/1/07 to 12/31/13 RESEARCH	
	SMADI, OMAR INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	ALDEMIR-BEKTAS, BASAK INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$69,363	SCIENCE APPLICATIONS INTERNATIONAL CORPORATION	4041730
121641	ROADWAY DATA IMPROVEMENT PROGRAM	
	1/3/13 to 11/30/14 RESEARCH	
	SMADI, OMAR INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$69,127	SOUTHERN ILLINOIS UNIVERSITY	4004216
120887	IDENTIFICATION AND BIOLOGY OF SEEDLING PATHOGENS OF SOYBEAN	
	10/1/12 to 9/15/13 RESEARCH	
	LEANDRO, LEONOR PLANT PATHOLOGY-AES/CALS	
CO-PI	ROBERTSON, ALISON PLANT PATHOLOGY-AES/CALS	
CO-PI	MUNKVOLD, GARY PLANT PATHOLOGY-AES/CALS	
\$59,296	UNIVERSITY OF MINNESOTA TWIN CITIES	4104062
119971	EDUCATING AGRICULTURAL PROFESSIONALS AND EXTENSION EDUCATORS IN DEVELOPING SUSTAINABLE AND RESILIENT CROPPING SYSTEMS THROUGH INTEGRATION OF COVER CROPS	
	12/1/12 to 11/30/14 INSTRUCTION/TRAINING	
	NAIR, AJAY HORTICULTURE-AES/CALS	
CO-PI	NONNECKE, GAIL HORTICULTURE-AES/CALS	

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\$58,865	CERES TRUST	4004215
120210	IMPROVING ORGANIC NO-TILL SYSTEMS FOR ENHANCED SOIL QUALITY AND WEED MANAGEMENT IN ORGANIC VEGETABLE AND GRAIN/FORAGE SYSTEMS 1/1/13 to 12/31/15 RESEARCH DELANE, KATHLEEN HORTICULTURE-AES/CALS	
\$54,865	IOWA DEPARTMENT OF TRANSPORTATION	4747756
121058	QUANTIFYING UNCERTAINTY IN REAL TIME PERFORMANCE MEASUREMENT FOR HIGHWAY WINTER MAINTENANCE OPERATIONS 2/1/13 to 10/30/13 RESEARCH ZHU, ZHENGYUAN STATISTICS-LAS CO-PI KAISER, MARK STATISTICS-LAS CO-PI HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$50,000	COTTON INC	4002171
121245	CENTROMERE REPEATS WITHIN AND AMONG CHROMOSOMES AND EVOLUTIONARY DYNAMICS 1/1/13 to 12/31/13 RESEARCH WENDEL, JONATHAN ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS CO-PI MASONBRINK, RICK ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$50,000	RESEAU DE TRANSPORT DELECTRICITE	4002063
121712	RESEAU DE TRANSPORT D'ELECTRICITE EPRC SUPPORT 1/1/13 to 12/31/13 RESEARCH CHRISTY, COLIN ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$45,309	IOWA DEPARTMENT OF TRANSPORTATION	4741740
120966	INVESTIGATION OF DETERIORATION OF JOINTS IN CONCRETE PAVEMENTS 11/1/09 to 6/30/13 RESEARCH TAYLOR, PETER INSTITUTE FOR TRANSPORTATION-VPR/ED CO-PI HALLMARK, SHAUNA INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$40,000	MINNESOTA DEPARTMENT OF TRANSPORTATION	4001750
119529	LIGHTLY SURFACED ROADS; STABILIZED AGGREGATE APPLICATIONS 11/15/12 to 7/31/14 RESEARCH JAHREN, CHARLES CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR CO-PI GRANSBERG, DOUGLAS CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	

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\$40,000	MINNESOTA DEPARTMENT OF TRANSPORTATION	4001750
119529	LIGHTLY SURFACED ROADS; STABILIZED AGGREGATE APPLICATIONS	
	11/15/12 to 7/31/14 RESEARCH	
CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED
\$40,000	NSF-NATIONAL SCIENCE FOUNDATION	4206225
120534	I/UCRC: CENTER FOR E-DESIGN	
	9/1/12 to 8/31/17 RESEARCH	
CO-PI	TERPENNY, JANIS	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR
CO-PI	VANCE, JUDY	MECHANICAL ENGINEERING-ENGR
\$40,000	UNITED TECHNOLOGIES CORPORATION-PRATT & WHITNEY DIVISION	4006029
121535	DEMONSTRATION OF BEAM SWEEPING FOR PHASED ARRAY INSPECTION OF BILLET	
	1/1/13 to 6/30/13 RESEARCH	
CO-PI	BRASCHE, LISA	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED
CO-PI	ROBERTS, RONALD	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED
CO-PI	GRAY, TIMOTHY	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED
CO-PI	ENYART, DARREL	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED
CO-PI	WLEZIEN, RICHARD	AEROSPACE ENGINEERING-ENGR
\$39,995	IOWA DEPARTMENT OF TRANSPORTATION	4747762
121528	THE STUDY OF THE REGULATORY ISSUES AFFECTING TRUCK FREIGHT MOVEMENT IN THE MIDWEST	
	2/15/13 to 2/28/14 RESEARCH	
CO-PI	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
\$37,158	SANFILIPPO CHILDRENS RESEARCH FOUNDATION	4004212
120528	THE GENERATION AND CHARACTERIZATION OF AN MPS IIID KNOCKOUT MOUSE	
	12/1/12 to 11/30/14 RESEARCH	
	ELLINWOOD, NORMAN	ANIMAL SCIENCE-AES/CALS

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\$33,667	ALASKA DEPARTMENT OF TRANSPORTATION		4001739
120963	THE DEVELOPMENT OF A MAINTENANCE WORKERS' MANUAL FOR THE ALASKA DEPARTMENT OF TRANSPORTATION		
	2/1/13 to 6/30/13	RESEARCH	
	MCDONALD, THOMAS	INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	HALLMARK, SHAUNA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$32,083	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)		4194015
117154	PRRS HOST GENETICS CONSORTIUM: A PROPOSAL TO CONTINUE CONSORTIUM WORK TO STUDY THE ROLE OF HOST GENETICS AND RESISTANCE TO PRRSV		
	1/28/13 to 9/30/13	RESEARCH	
	REECY, JAMES	ANIMAL SCIENCE-AES/CALS	
\$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	
\$30,000	NATIONAL ASSOCIATION OF REGULATORY UTILITY COMMISSIONERS		4442005
119185	CO-OPTIMIZATION OF TRANSMISSION AND OTHER SUPPLY RESOURCES		
	2/15/13 to 8/30/13	RESEARCH	
	MCCALLEY, JAMES	ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$30,000	UNITED TECHNOLOGIES CORPORATION-PRATT & WHITNEY DIVISION		4006028
121619	ASSESSMENT OF TERAHERTZ IMAGING FOR CHARACTERIZATION OF THERMAL BARRIER COATINGS		
	1/2/13 to 12/20/13	RESEARCH	
	BRASCHE, LISA	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
CO-PI	CHIOU, CHIEN-PING	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
CO-PI	WLEZIEN, RICHARD	AEROSPACE ENGINEERING-ENGR	
\$30,000	UNIVERSITY OF NEW MEXICO		4042051
121678	PIRE: MOLECULAR ENGINEERING FOR CONVERSION OF BIOMASS-DERIVED REACTANTS TO FUELS, CHEMICALS AND MATERIALS		
	9/1/07 to 8/31/13	RESEARCH	
	SHANKS, BRENT	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	

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\$30,000	SAUER-DANFOSS INC		4002010
121948	CENTER FOR E-DESIGN MEMBERSHIP		
	3/1/13 to 2/28/14	RESEARCH	
	TERPENNY, JANIS	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
CO-PI	VANCE, JUDY	MECHANICAL ENGINEERING-ENGR	
\$28,718	PENNSYLVANIA STATE UNIVERSITY		4103001
114674	ENHANCING MARKET ORIENTATION OF FARM TO SCHOOL PROGRAMS		
	2/1/12 to 1/31/14	EXTENSION/PUBLIC	
	STROHBEHN, CATHERINE	APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-EXT	
\$27,500	CITY OF URBANDALE, IOWA		4002907
121365	DESIGN BUILD 2013-URBANDALE PARK SHELTER		
	1/14/13 to 5/31/13	INSTRUCTION/TRAINING	
	BASSLER, BRUCE	ARCHITECTURE-DSN	
\$24,350	AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS		4002371
120308	TOPICAL TREATMENT OF CLAW LESIONS IN DAIRY CATTLE		
	1/1/13 to 12/31/13	RESEARCH	
	SHEARER, JAN	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	KRULL, ADAM	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	COETZEE, JOHANN	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	COOPER, VICKIE	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	CERFOGLI, JENNIFER	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	COOPER, VICKIE	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	CERFOGLI, JENNIFER	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$24,232	SCIENCE APPLICATIONS INTERNATIONAL CORPORATION		4041732
121405	ROADWAY DEPARTURE FOCUS STATE INITIATIVES: TECHNICAL ASSISTANCE AND SUPPORT		
	8/2/12 to 7/31/14	RESEARCH	
	HALLMARK, SHAUNA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	

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\$23,133	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	4183015
118642	RENEWABLE RESOURCES EXTENSION ACT PROGRAM 2012-IOWA	
	10/1/11 to 9/30/13 EXTENSION/PUBLIC	
	BLODGETT, SUE NATURAL RESOURCE ECOLOGY & MANAGEMENT-EXT	
\$21,024	SYNAGEVA BIOPHARMA CORPORATION	4004219
121261	WORK IN SUPPORT OF FUTURE THERAPY STUDIES IN THE MPS IIIB CANINE MODEL	
	1/1/13 to 12/31/13 RESEARCH	
	ELLINWOOD, NORMAN ANIMAL SCIENCE-AES/CALS	
\$20,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	4164092
114818	ENHANCED BIOINFORMATICS TO IMPLEMENT GENOMIC SELECTION (E-BIGS)	
	5/1/12 to 4/30/14 RESEARCH	
	GARRICK, DORIAN ANIMAL SCIENCE-AES/CALS	
CO-PI	DEKKERS, JACK ANIMAL SCIENCE-AES/CALS	
CO-PI	FERNANDO, ROHAN ANIMAL SCIENCE-AES/CALS	
CO-PI	REECY, JAMES ANIMAL SCIENCE-AES/CALS	
CO-PI	ROTHSCHILD, MAX ANIMAL SCIENCE-AES/CALS	
\$20,000	IOWA DEPARTMENT OF NATURAL RESOURCES	4733017
120561	WATER ROCKS!	
	2/15/13 to 2/15/14 EXTENSION/PUBLIC	
	COMITO, JACQUELINE SOCIOLOGY-EXT	
CO-PI	STAUDT, ANN AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT	
CO-PI	CRUSE, RICHARD AGRONOMY-AES/CALS	
CO-PI	HELMERS, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT	
\$20,000	COMMUNITY FOUNDATION OF GREATER DUBUQUE	4004416
121274	NORTHEAST IOWA FOOD AND FITNESS INITIATIVE: EVALUATION PROPOSAL YEAR 4	
	11/1/12 to 10/31/13 RESEARCH	
	FLORA, CORNELIA SOCIOLOGY-AES/CALS	
CO-PI	BREGENDAHL, CORENE LEOPOLD CENTER-AES/CALS	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$19,997	UNIVERSITY OF IOWA			4754015
119846	DEMONSTRATION OF THE IMPACTS OF MIXED ANNUAL-PERENNIAL AGROECOSYSTEMS ON SURFACE WATER RUNOFF			
	7/1/12	to	6/30/13	
			RESEARCH	
	HELMERS, MATTHEW		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$16,691	MRI GLOBAL			4001773
121758	TASK 28-USRAP ILLINOIS COUNTIES STUDY			
	5/21/04	to	3/30/13	
			RESEARCH	
	HANS, ZACHARY		INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	HALLMARK, SHAUNA		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$15,940	NSF-NATIONAL SCIENCE FOUNDATION			4204025
120079	COLLABORATIVE RESEARCH: PLANNING GRANT: I/UCRC FOR CENTER FOR BIOPLASTICS AND BIOCOSMOSITES			
	2/15/13	to	1/31/14	
			RESEARCH	
	GREWELL, DAVID		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	JARBOE, DARREN		CENTER FOR CROPS UTILIZATION RESEARCH-AES/CALS	
CO-PI	KESSLER, MICHAEL		MATERIALS SCIENCE & ENGINEERING-ENGR	
\$14,953	IOWA DEPARTMENT OF TRANSPORTATION			4747765
121589	IOWA DOT ITS PROGRAM SUPPORT			
	2/1/13	to	4/30/13	
			RESEARCH	
	HAWKINS, NEAL		INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	HALLMARK, SHAUNA		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$12,074	SCIENCE APPLICATIONS INTERNATIONAL CORPORATION			4041733
119891	INFORMATIONAL GUIDE ON ROAD DIETS AND OTHER ROADWAY CONFIGURATIONS			
	9/13/12	to	3/21/14	
			RESEARCH	
	KNAPP, KEITH		INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$11,356	UNIVERSITY OF CALIFORNIA-LAWRENCE BERKELEY NATIONAL LABORATORY	4042532
121286	SYNTHESIS OF ROSAMINES	
	1/1/11 to 6/30/13 RESEARCH	
	KRAUS, GEORGE CHEMISTRY-LAS	
\$10,450	MAKHTESHIM-AGAN OF NORTH AMERICA	4003079
121751	FIELD TRIALS FOR SOYBEAN DISEASE MANAGEMENT	
	4/1/12 to 12/31/12 EXTENSION/PUBLIC	
	MUELLER, DAREN PLANT PATHOLOGY-EXT	
\$9,900	MAKHTESHIM-AGAN OF NORTH AMERICA	4003311
121726	FIELD TRIAL EVALUATION OF MANA FUNGICIDE ON CORN	
	4/1/12 to 12/31/12 EXTENSION/PUBLIC	
	ROBERTSON, ALISON PLANT PATHOLOGY-EXT	
\$9,830	IOWA DEPARTMENT OF TRANSPORTATION	4742108
121556	REDEVELOPMENT OF THE SAFETY ANALYSIS, VISUALIZATION, AND EXPLORATION RESOURCE (SAVER)	
	10/1/07 to 5/31/13 RESEARCH	
	MITRA, SIMANTA COMPUTER SCIENCE-LAS	
\$8,575	CENTERVILLE COMMUNITY SCHOOL DISTRICT	4003023
121018	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	
\$8,498	NSF-NATIONAL SCIENCE FOUNDATION	4204039
120128	COLLABORATIVE RESEARCH: EPIGENETIC, TRANSCRIPTOMIC, AND BEHAVIORAL IMPACTS OF A MATERNAL SIGNAL DURING WASP CASTE DEVELOPMENT	
	2/25/13 to 3/31/15 RESEARCH	
	TOTH, AMY ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$7,500	NATIONAL TURFGRASS EVALUATION PROGRAM INC	4004225
121533	TURFGRASS FIELD PROJECTS-2013	
	2/28/13 to 6/1/18 RESEARCH	
	CHRISTIANS, NICK HORTICULTURE-AES/CALS	
\$6,000	THE NATURE CONSERVANCY	4002174
120164	CONSERVATION, HABITAT USE, AND GENETIC DIVERSITY OF A TRANSLOCATED POPULATION OF GREATER PRAIRIE-CHICKENS IN IOWA	
	1/1/13 to 6/15/16 RESEARCH	
	VOGEL, JENNIFER ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
CO-PI	DEBINSKI, DIANE ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	
\$6,000	DEERE & COMPANY	4006538
121319	NONDESTRUCTIVE EVALUATION OF INDUSTRIAL COMPONENTS FOR JOHN DEERE COMPANY USING IMMERSION ULTRASOUND AND/OR RADIOGRAPHY	
	1/1/13 to 10/31/13 RESEARCH	
	UTRATA, DAVID CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
\$5,000	FAMILYFARMED.ORG	4104060
118992	MANAGING WHOLESALE PRODUCTION, MARKETING, FINANCIAL, AND HUMAN RISKS FOR IOWA SPECIALTY CROP FARMERS	
	9/1/12 to 8/31/13 EXTENSION/PUBLIC	
	SHAW, ANGELA FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
\$5,000	IOWA EGG COUNCIL	4003910
119654	PROPOSAL TO UPDATE THE ECONOMIC IMPORTANCE OF THE EGG INDUSTRY IN THE IOWA ECONOMY	
	8/1/12 to 3/31/13 RESEARCH	
	SCHULZ, LEE ECONOMICS-EXT	
CO-PI	OTTO, DANIEL ECONOMICS-EXT	
\$5,000	AARHUS UNIVERSITY	4001766
120866	ASSESSING THE POTENTIAL OF BIOCHAR TO MITIGATE GREENHOUSE GAS EMISSIONS AND INCREASE AGRICULTURAL PRODUCTIVITY IN RURAL NICARAGUA	
	11/19/12 to 11/1/13 INSTRUCTION/TRAINING	
	BROWN, ROBERT MECHANICAL ENGINEERING-ENGR	
CO-PI	DEL CAMPO, BERNARDO MECHANICAL ENGINEERING-ENGR	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$5,000	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	
\$3,025	ST. MARK COMMUNITY CENTER	4003023
121015	LOCAL SUPPORT FOR 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	
\$2,634	ADAIR COUNTY AGRICULTURAL EXTENSION DISTRICT	4003023
121021	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	
\$2,450	EVERYBODY WINS!-IOWA	4003023
121019	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	
\$2,250	WEBFILINGS	4006802
121587	MARKET ANALYSIS OF CORPORATE SOCIAL RESPONSIBILITY REPORTING	
	1/15/13 to 8/15/13 SCHOLARSHIP	
	JANVRIN, DIANE ACCOUNTING-BUS	
\$1,865	LUTHERAN SERVICES IN IOWA	4003023
120980	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	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$1,000	SUSTERIA BIORENEWABLES LLC	4007204
121844	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP	
	2/10/13 to 2/9/14 RESEARCH	
	SHANKS, BRENT	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
\$412	SIGMA XI	4002181
121387	WHY FEMALES MATE MULTIPLY: ARE MATING-DERIVED FECUNDITY AND IMMUNE BENEFITS TRANSFERRED IN THE EJACULATES OF MALE CRICKETS?	
	2/1/13 to 5/1/15 RESEARCH	
	KELLY, CLINT	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS
CO-PI	WORTHINGTON, AMY	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS
