

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

<b>\$5,066,572</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>\$1,606,727</b>	KANSAS STATE UNIVERSITY	4046112
<b>118041</b>	TAL EFFECTOR TARGETING IN PLANT GENOMES	
	9/1/12 to 8/31/15 RESEARCH YANG, BING GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
<b>\$1,000,000</b>	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	4164132
<b>118932</b>	EA SM 2: ATTRIBUTION OF CHANGES IN PRECIPITATION INTENSITY OVER THE CENTRAL UNITED STATES	
	4/1/13 to 3/31/16 RESEARCH ARRITT, RAYMOND AGRONOMY-AES/CALS CO-PI MIRANOWSKI, JOHN ECONOMICS-AES/CALS	
<b>\$658,751</b>	CORNELL UNIVERSITY	4044054
<b>118262</b>	GENETIC NETWORKS REGULATING STRUCTURE AND FUNCTION OF THE MAIZE SHOOT APICAL MERISTEM	
	2/1/13 to 1/31/18 RESEARCH SCHNABLE, PATRICK AGRONOMY-AES/CALS CO-PI NETTLETON, DANIEL STATISTICS-LAS CO-PI LAWRENCE, CAROLYN GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS	
<b>\$617,616</b>	NSF-NATIONAL SCIENCE FOUNDATION	4202549
<b>119572</b>	CAREER: INVESTIGATING SURFACE LIGAND DOPING, ORGANIZATION AND VALENCY IN SEMICONDUCTOR NANOCRYSTAL QUANTUM DOTS: A BRIDGE BETWEEN NANO CHEMISTRY RESEARCH AND EDUCATION	
	4/15/13 to 3/31/18 RESEARCH VELA-BECERRA, JAVIER CHEMISTRY-LAS	
<b>\$567,189</b>	DOT-FEDERAL HIGHWAY ADMINISTRATION (FHWA)	4361704
<b>117299</b>	QUANTIFYING PAVEMENT ALBEDO	
	8/17/12 to 8/16/15 RESEARCH ALLEMAN, JAMES CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR CO-PI TAYLOR, PETER INSTITUTE FOR TRANSPORTATION-VPR/ED	

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<b>\$567,189</b>	DOT-FEDERAL HIGHWAY ADMINISTRATION (FHWA)	4361704
<b>117299</b>	QUANTIFYING PAVEMENT ALBEDO	
	8/17/12 to 8/16/15 RESEARCH	
CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED
<b>\$551,688</b>	MONSANTO COMPANY	4004296
<b>120935</b>	EFFECTS OF CURRENT AGRICULTURAL PRACTICES ON WESTERN CORN ROOTWORM AND OPTIMAL STRATEGIES FOR MANAGEMENT	
	4/1/13 to 3/31/16 RESEARCH	
	GASSMANN, AARON	ENTOMOLOGY-AES/CALS
<b>\$436,018</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>\$424,995</b>	NATIONAL ACADEMIES	4281704
<b>120479</b>	PRE-CONSTRUCTION SERVICES COST ESTIMATING GUIDEBOOK	
	3/27/13 to 9/26/15 RESEARCH	
CO-PI	GRANSBERG, DOUGLAS	INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI	JEONG, HYUNG (DAVID)	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
CO-PI	HALLMARK, SHAUNA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
<b>\$305,091</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>\$294,841</b>	NSF-NATIONAL SCIENCE FOUNDATION	4206123
<b>118982</b>	GENOME REPATTERNING UNDERLYING THE CO-EVOLUTION OF DIPLOID NUMBER AND SEX DETERMINATION IN TURTLES	
	4/1/13 to 3/31/16 RESEARCH	
	VALENZUELA-CASTRO, MARIA	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

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<b>\$287,484</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>\$250,000</b>	NATIONAL ACADEMIES	4281708
<b>121918</b>	PROJECT MANAGEMENT STRATEGIES FOR COMPLEX PROJECTS	
	9/1/09 to 7/31/14 RESEARCH	
	SHANE, JENNIFER CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	GRANSBERG, DOUGLAS CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
<b>\$230,000</b>	NSF-NATIONAL SCIENCE FOUNDATION	4206157
<b>104276</b>	UNCOVERING NOVEL SIGNALING INTERACTIONS IN PLANT METABOLIC NETWORKS	
	4/1/10 to 3/31/14 RESEARCH	
	WURTELE, EVE GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
CO-PI	LI, LING PLANT SCIENCES INSTITUTE-VPR/ED	
CO-PI	SEN, TANER GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS	
<b>\$182,952</b>	BOEHRINGER INGELHEIM VETMEDICA INC	4002304
<b>121284</b>	SPONSORSHIP OF BIOLOGICAL RISK MANAGEMENT (BRM) TOOLS FOR BEEF AND DAIRY OPERATIONS FOR BOEHRINGER INGELHEIM VETMEDICA, INC	
	1/1/13 to 12/31/15 EXTENSION/PUBLIC	
	BICKETT-WEDDLE, DANELLE CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET	
CO-PI	ROTH, JAMES VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
<b>\$182,000</b>	CRAY INC	4002175
<b>122001</b>	PROJECTS IN HIGH PERFORMANCE COMPUTING	
	1/1/13 to 12/31/13 RESEARCH	
	LUECKE, GLENN MATHEMATICS-LAS	

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<b>\$174,213</b>	NIH-NATIONAL INSTITUTES OF HEALTH	4302353
<b>115145</b>	POTENTIATING ANTIBIOTICS AGAINST CAMPYLOBACTER BY INHIBITING EFFLUX	
	5/1/12 to 4/30/14 RESEARCH	
	ZHANG, QIJING VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
<b>\$170,220</b>	EPA-U.S. ENVIRONMENTAL PROTECTION AGENCY	4292102
<b>118617</b>	EVALUATION OF TECHNIQUES FOR THE RESTORATION OF SEDGE MEADOW VEGETATION	
	10/1/12 to 9/30/15 RESEARCH	
	VAN DER VALK, ARNOLD ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
<b>\$170,000</b>	NSF-NATIONAL SCIENCE FOUNDATION	4204082
<b>104450</b>	COENZYME B12-DEPENDENT 1, 2-PROPANEDIOL DEGRADATION BY SALMONELLA	
	3/15/10 to 2/28/14 RESEARCH	
	BOBIK, THOMAS BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS	
<b>\$168,462</b>	NORTH CENTRAL SOYBEAN RESEARCH	4593004
<b>121484</b>	DEVELOPING AN INTEGRATED MANAGEMENT AND COMMUNICATION PLAN FOR SOYBEAN SUDDEN DEATH SYNDROME	
	3/1/13 to 2/28/14 RESEARCH	
	MUELLER, DAREN PLANT PATHOLOGY-EXT	
CO-PI	LEANDRO, LEONOR PLANT PATHOLOGY-AES/CALS	
CO-PI	TYLKA, GREGORY PLANT PATHOLOGY-EXT	
CO-PI	ARBUCKLE, J. SOCIOLOGY-AES/CALS	
CO-PI	CIANZIO, SILVIA AGRONOMY-AES/CALS	
<b>\$164,156</b>	MADDIES FUND	4002392
<b>120171</b>	PHASE 6 PROPOSAL TO MADDIE'S FUND® MADDIE'S SHELTER MEDICINE TEACHING AND RESEARCH PROGRAM	
	4/1/13 to 3/31/15 SCHOLARSHIP	
	BALDWIN, CLAUDIA VETERINARY CLINICAL SCIENCES-VET	
CO-PI	PETERSEN, CHRISTINE VETERINARY PATHOLOGY-VET	
CO-PI	ANDERSEN, LAURA VETERINARY CLINICAL SCIENCES-VET	

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<b>\$157,919</b>	NATIONAL PORK BOARD			4534060
<b>120837</b>	UNDERSTANDING THE BIOLOGY OF SEASONAL INFERTILITY TO DEVELOP MITIGATION STRATEGIES FOR SWINE			
	5/1/13 to 11/1/14	RESEARCH		
	ROSS, JASON		ANIMAL SCIENCE-AES/CALS	
CO-PI	KEATING, AILEEN		ANIMAL SCIENCE-AES/CALS	
CO-PI	BAUMGARD, LANCE		ANIMAL SCIENCE-AES/CALS	
<b>\$150,000</b>	DOD-ARMY RESEARCH OFFICE (ARO)			4212027
<b>116478</b>	STRAIN-INDUCED PHASE TRANSFORMATIONS IN CERAMICS UNDER HIGH PRESSURE			
	8/20/12 to 4/19/14	RESEARCH		
	LEVITAS, VALERY		AEROSPACE ENGINEERING-ENGR	
<b>\$136,921</b>	NSF-NATIONAL SCIENCE FOUNDATION			4204052
<b>119665</b>	CLIMATE CHANGE AND ENVIRONMENTAL GENDER DETERMINATION IN A GEOGRAPHICALLY-WIDESPREAD SPECIES			
	5/1/13 to 4/30/16	RESEARCH		
	JANZEN, FREDRIC		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	
<b>\$133,000</b>	DOD-NAVY-NAVAL AIR SYSTEMS COMMAND (NAVAIR)			4212046
<b>111515</b>	ENVIRONMENTALLY BENIGN INJECTION REPAIRS OF HIGH TEMPERATURE COMPOSITES WITH CYANATE ESTER RESINS			
	6/8/11 to 3/8/14	RESEARCH		
	KESSLER, MICHAEL		MATERIALS SCIENCE & ENGINEERING-ENGR	
CO-PI	AKINC, MUFIT		MATERIALS SCIENCE & ENGINEERING-ENGR	
<b>\$125,021</b>	FINTRAC			4044043
<b>122020</b>	DEVELOPMENT OF METHODOLOGY FOR SEED POLICY EDUCATION			
	4/5/13 to 9/30/13	RESEARCH		
	CORTES, JOSEPH		SEED SCIENCE CENTER-AES/CALS	
CO-PI	HARRIES, ADELAIDA		SEED SCIENCE CENTER-AES/CALS	
<b>\$119,927</b>	NSF-NATIONAL SCIENCE FOUNDATION			4206238
<b>120090</b>	REU SITE: RESEARCH AND EDUCATION IN MICROSCALE SENSING, ACTUATION AND IMAGING			
	5/1/13 to 4/30/16	RESEARCH		
	SUNDARARAJAN, SRIRAM		MECHANICAL ENGINEERING-ENGR	

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<b>\$119,927</b>	NSF-NATIONAL SCIENCE FOUNDATION	4206238
<b>120090</b>	REU SITE: RESEARCH AND EDUCATION IN MICROSCALE SENSING, ACTUATION AND IMAGING	
	5/1/13 to 4/30/16 RESEARCH	
CO-PI	SHROTRIYA, PRANAV MECHANICAL ENGINEERING-ENGR	
<b>\$111,662</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>\$111,000</b>	SYNGENTA CROP PROTECTION LLC	4004293
<b>122203</b>	SYNGENTA CORN ROOTWORM STUDIES	
	3/11/13 to 4/30/14 RESEARCH	
CO-PI	GASSMANN, AARON ENTOMOLOGY-AES/CALS	
	WEBER, PATRICK ENTOMOLOGY-AES/CALS	
<b>\$104,450</b>	UNIVERSITY OF NORTHERN IOWA	4753002
<b>122087</b>	EXTENSION SUPPORT FOR THE IOWA SPACE GRANT CONSORTIUM	
	5/17/12 to 5/16/14 EXTENSION/PUBLIC	
CO-PI	STAKER, JAY EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
	FUCHS, CARMEN EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
<b>\$100,926</b>	VSI AEROSPACE INC	4046019
<b>121822</b>	PHASE II: TOOLS FOR DYNAMIC ANALYSIS, SIMULATION, AND DESIGN OF CONTROL SURFACES WITH FREE PLAY	
	4/1/13 to 10/10/13 RESEARCH	
	VAIDYA, UMESH ELECTRICAL & COMPUTER ENGINEERING-ENGR	
<b>\$100,000</b>	BILL & MELINDA GATES FOUNDATION	4002394
<b>120559</b>	COMBINATION ANTI-FILARIAL TREATMENTS USING AMPHIPHILIC MICRO AND NANOPARTICLES	
	5/1/13 to 10/31/14 RESEARCH	
CO-PI	BELLAIRE, BRYAN VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
	MARTIN, RICHARD BIOMEDICAL SCIENCES-VET	
CO-PI	NARASIMHAN, BALAJI CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	

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<b>\$100,000</b>	BILL & MELINDA GATES FOUNDATION		4004282
<b>120758</b>	HAND-OPERATED SEED CLEANERS FOR UGANDAN WOMEN FARMER GROUPS		
	5/1/13 to 10/31/14	RESEARCH	
CO-PI	BRUMM, THOMAS	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
	SMITH, MARGARET	VALUE ADDED AGRICULTURE-EXT	
<b>\$99,897</b>	IOWA DEPARTMENT OF TRANSPORTATION		4747775
<b>121882</b>	IOWA ABC CONNECTIONS		
	4/1/13 to 4/30/15	RESEARCH	
CO-PI	PHARES, BRENT	INSTITUTE FOR TRANSPORTATION-VPR/ED	
	HALLMARK, SHAUNA	INSTITUTE FOR TRANSPORTATION-VPR/ED	
<b>\$99,820</b>	NSF-NATIONAL SCIENCE FOUNDATION		4207121
<b>120689</b>	CORDEX EMPIRICAL/STATISTICAL DOWNSCALING WORKSHOPS: ESTABLISHING A FOUNDATION FOR CLIMATE-STAKEHOLDER INTERACTION AFRICA		
	4/1/13 to 3/31/15	RESEARCH	
	GUTOWSKI, WILLIAM	GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	
<b>\$95,000</b>	NSF-NATIONAL SCIENCE FOUNDATION		4202531
<b>95801</b>	CAREER: RATIONALLY DESIGNED CONJUGATED POLYMERS BASED ON BENZOBISOXAZOLES		
	6/1/09 to 5/31/14	RESEARCH	
	JEFFRIES-EL, MALIKA	CHEMISTRY-LAS	
<b>\$90,895</b>	KEMIN INDUSTRIES		4004280
<b>122057</b>	DEVELOPMENT OF HERBICIDAL WEED MANAGEMENT PROGRAMS FOR COMMERCIAL PRODUCTION OF MARIGOLD		
	3/1/13 to 5/31/14	RESEARCH	
	HARTZLER, ROBERT	AGRONOMY-AES/CALS	
<b>\$90,394</b>	HENRY COUNTY AGRICULTURAL EXTENSION DISTRICT		4003301
<b>122225</b>	PROGRAM ENHANCEMENTS FOR EXTENSION REGION 20		
	7/1/13 to 6/30/15	EXTENSION/PUBLIC	
CO-PI	FRANZ, NANCY	EXTENSION TO FAMILIES-EXT	
	WARNING, JEANNE	EXTENSION TO FAMILIES-EXT	

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<b>\$90,337</b>	PIONEER HI-BRED INTERNATIONAL INC			4002855
<b>121628</b>	EVALUATING THE BIOEFFICACY OF THE BETA-CAROTENE IN BIOFORTIFIED SORGHUM USING A GERBIL MODEL			
	4/30/13 to 4/29/14	RESEARCH		
	WHITE, WENDY		FOOD SCIENCE & HUMAN NUTRITION-HS	
<b>\$89,900</b>	IOWA DEPARTMENT OF EDUCATION			4721702
<b>122328</b>	1-YEAR FOLLOW-UP SURVEYS 2013			
	4/15/13 to 10/30/13	RESEARCH		
	HUCK, SHIRLEY		SURVEY AND BEHAVIORAL RESEARCH SERVICES-VPR/ED	
	CO-PI LARSON, JANICE		SURVEY AND BEHAVIORAL RESEARCH SERVICES-VPR/ED	
<b>\$89,726</b>	IOWA DEPARTMENT OF TRANSPORTATION			4747780
<b>121853</b>	HOLDING STRATEGIES FOR LOW VOLUME STATE ROUTES			
	3/1/13 to 2/28/16	RESEARCH		
	JAHREN, CHARLES		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
	CO-PI HALLMARK, SHAUNA		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
<b>\$87,907</b>	FARM PILOT PROJECT COORDINATION INC			4104072
<b>119087</b>	IMPACTS OF COVER CROPS, NITROGEN TIMING, AND NITROGEN SOURCE ON NITRATE-NITROGEN EXPORT			
	3/1/13 to 3/31/14	RESEARCH		
	HELMERS, MATTHEW		AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT	
	CO-PI ANDERSEN, DANIEL		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
<b>\$86,719</b>	NATIONAL PORK BOARD			4534059
<b>120765</b>	ENHANCING FEED UTILIZATION AND NUTRIENT DIGESTIBILITY THROUGH MANAGEMENT OF PARTICLE SIZE AND FEED PROCESSING OPTIONS			
	5/1/13 to 4/30/14	RESEARCH		
	PATIENCE, JOHN		ANIMAL SCIENCE-AES/CALS	
<b>\$84,580</b>	DOD-SPACE AND NAVAL WARFARE SYSTEMS CENTER PACIFIC			4212050
<b>117730</b>	MANUFACTURING OF HIGH-STRENGTH, LIGHTWEIGHT MAGNESIUM PANELS WITH HIERARCHICAL STRUCTURES			
	8/20/12 to 8/19/14	RESEARCH		
	KIM, GAP-YONG		MECHANICAL ENGINEERING-ENGR	



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<b>\$80,000</b>	NSF-NATIONAL SCIENCE FOUNDATION	4206133
<b>104330</b>	CAREER: A COMPUTATIONAL FRAMEWORK FOR MAPPING LIGAND MIGRATION CHANNEL NETWORKS AND PREDICTING MOLECULAR CONTROL MECHANISMS 3/1/10 to 2/28/15 RESEARCH SONG, GUANG COMPUTER SCIENCE-LAS	
<b>\$79,619</b>	IOWA DEPARTMENT OF NATURAL RESOURCES	4734233
<b>118659</b>	CONTINUED MONITORING AND RESEARCH ON DRAINED (FARMED) WETLAND IN NORTHERN IOWA 3/19/13 to 12/15/14 RESEARCH DINSMORE, STEPHEN NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
<b>\$79,520</b>	GRANT WOOD AREA EDUCATION AGENCY	4002836
<b>122192</b>	NEEDS ASSESSMENT: THE STATE OF PK-3 LITERACY IN IOWA 4/3/13 to 9/15/13 RESEARCH HUTCHISON, AMY SCHOOL OF EDUCATION-HS	
<b>\$78,292</b>	NSF-NATIONAL SCIENCE FOUNDATION	4202178
<b>120998</b>	CAREER: NEW TOPICS IN FUNCTIONAL DATA ANALYSIS 8/31/12 to 5/31/17 RESEARCH LI, YEHUA STATISTICS-LAS	
<b>\$75,381</b>	NATIONAL PORK BOARD	4534058
<b>120662</b>	EVALUATING STRENGTH, SHARPNESS, AND DETECTION OF SWINE-USE HYPODERMIC NEEDLES 5/1/13 to 4/30/15 RESEARCH CO-PI HOFF, STEVEN AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS HARMON, JAY AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
<b>\$75,000</b>	IOWA DEPARTMENT OF TRANSPORTATION	4747777
<b>121422</b>	PAVEMENT MANAGEMENT PERFORMANCE MODELING: EVALUATING THE EXISTING PCI EQUATIONS 4/2/13 to 1/31/14 RESEARCH SMADI, OMAR INSTITUTE FOR TRANSPORTATION-VPR/ED CO-PI BEKTAS, FATIH CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR CO-PI HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	

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<b>\$73,290</b>	NATIONAL PORK BOARD	4532368
<b>120553</b>	DETERMINATION OF THE VIRULENCE OF A MUTANT PCV2B (MPCV2B) RECENTLY IDENTIFIED IN CASES OF APPARENT VACCINE FAILURES AND THE ABILITY OF COMMERCIAL PCV2A VACCINES TO PROTECT AGAINST MPCV2B 5/1/13 to 4/30/14 RESEARCH	
CO-PI	OPRIESSNIG, TANJA HALBUR, PATRICK	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET
<b>\$63,828</b>	LEE COUNTY AGRICULTURAL EXTENSION DISTRICT	4003906
<b>119282</b>	EXTENSION PROGRAM ENHANCEMENT IN AGRICULTURE AND HORTICULTURE FOR LEE AND HENRY COUNTIES 7/1/12 to 6/30/14 EXTENSION/PUBLIC	
CO-PI	LAWRENCE, JOHN DODDS, ROBERT	EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT
<b>\$62,377</b>	UNIVERSITY OF CONNECTICUT	4041723
<b>120233</b>	FACTORS INFLUENCING THE HEALTH BEHAVIORS OF YOUNG AFRICAN AMERICAN ADULTS 8/23/12 to 12/31/13 RESEARCH	
	CUTRONA, CAROLYN	PSYCHOLOGY-LAS
<b>\$55,370</b>	NATIONAL PORK BOARD	4532004
<b>117099</b>	OCCURRENCE AND MOVEMENT OF ANTIBIOTICS, ANTIBIOTIC RESISTANT BACTERIA AND RESISTANCE GENES IN TILE-DRAINED AGRICULTURAL FIELDS RECEIVING SWINE MANURE APPLICATION 5/1/13 to 4/30/14 RESEARCH	
CO-PI	SOUPIR, MICHELLE MOORMAN, THOMAS	AGRICULTURAL & BIOSYSTEMS ENGINEERING-ENGR AGRONOMY-AES/CALS
CO-PI	HELMERS, MATTHEW	AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT
<b>\$52,511</b>	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	4714012
<b>122053</b>	FACILITATION OF MULTIPURPOSE PRAIRIE STRIPS ADOPTION BY IOWA FARMERS 1/1/13 to 6/30/14 EXTENSION/PUBLIC	
CO-PI	HARRIS, MARY HELMERS, MATTHEW	NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS
CO-PI	LIEBMAN, MATTHEW	AGRONOMY-AES/CALS
CO-PI	ARBUCKLE, J.	SOCIOLOGY-AES/CALS
CO-PI	TYNDALL, JOHN	NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS
CO-PI	ONEAL, MATTHEW	ENTOMOLOGY-AES/CALS
CO-PI	SCHULTE, LISA	NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS

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<b>\$51,863</b>	IOWA DEPARTMENT OF TRANSPORTATION		4747801
<b>121197</b>	MODELING MERGING BEHAVIOR AT LANE DROPS		
	5/15/13 to 11/30/14	RESEARCH	
	HALLMARK, SHAUNA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
<b>\$49,680</b>	MONSANTO COMPANY		4004292
<b>122288</b>	SEED TREATMENT NEMATODE MANAGEMENT IN SOYBEAN		
	4/1/13 to 3/31/14	RESEARCH	
	TYLKA, GREGORY	PLANT PATHOLOGY-AES/CALS	
<b>\$49,365</b>	VSI AEROSPACE INC		4046020
<b>121415</b>	DESIGN, BUILD AND TEST WIND TUNNEL MODELS FOR CHARACTERIZING THE IMPACT OF CONTROL SURFACE FREE-PLAY ON FLUTTER		
	4/1/13 to 10/10/13	RESEARCH	
	SARKAR, PARTHA	AEROSPACE ENGINEERING-ENGR	
<b>\$45,615</b>	IOWA DEPARTMENT OF TRANSPORTATION		4747776
<b>122144</b>	ENGINEERING INTERN DEVELOPMENT AND MANAGEMENT PROGRAM FOR 2013		
	4/1/13 to 9/30/13	RESEARCH	
	HALLMARK, SHAUNA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
<b>\$42,660</b>	WAUKON ECONOMIC DEVELOPMENT CORPORATION		4003066
<b>121492</b>	VISIONING FOR THE FUTURE OF WAUKON		
	5/1/13 to 4/30/15	EXTENSION/PUBLIC	
	BORICH, TIMOTHY	COMMUNITY & REGIONAL PLANNING-EXT	
CO-PI	ROGERS, CARL	LANDSCAPE ARCHITECTURE-DSN	
CO-PI	ANDERSON, NADIA	ARCHITECTURE-DSN	
CO-PI	DAS, BISWA	COMMUNITY & REGIONAL PLANNING-EXT	
<b>\$41,171</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	

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

<b>\$37,720</b>	JACKSON COUNTY AGRICULTURAL EXTENSION DISTRICT	4003316
<b>122049</b>	PROGRAM EXPANSION FOR 4-H YOUTH DEVELOPMENT IN JACKSON COUNTY	
	7/1/13 to 6/30/15 EXTENSION/PUBLIC	
	JOHANSEN, LUANN EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
<b>\$35,496</b>	MUSCATINE COUNTY AGRICULTURAL EXTENSION DISTRICT	4003303
<b>122224</b>	EXPANDING 4-H YOUTH DEVELOPMENT IN MUSCATINE COUNTY	
	7/1/13 to 6/30/15 EXTENSION/PUBLIC	
	JOHANSEN, LUANN EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
<b>\$35,000</b>	KNOLLS ATOMIC POWER LABORATORY	4002519
<b>122168</b>	CENTER FOR NDE MEMBERSHIP	
	1/1/13 to 12/31/13 RESEARCH	
	BOND, LEONARD AEROSPACE ENGINEERING-ENGR	
<b>\$33,000</b>	CARNEGIE INSTITUTION FOR SCIENCE	4002176
<b>121061</b>	TRANSFORMATIVE STRATEGY FOR CONTROLLING RICE DISEASE IN DEVELOPING COUNTRIES	
	11/1/12 to 4/30/14 RESEARCH	
	YANG, BING GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
<b>\$32,804</b>	USDA-NATURAL RESOURCES CONSERVATION SERVICE (NRCS)	4124002
<b>121514</b>	DEVELOPMENT AND DELIVERY OF TWO ONLINE COURSES: ENVIRONMENTAL CREDIT TRADING AND CARBON MARKETS	
	4/1/13 to 3/31/14 INSTRUCTION/TRAINING	
	CRUSE, RICHARD AGRONOMY-AES/CALS	
	CO-PI ANDERSON, GRETCHEN AGRONOMY-AES/CALS	
<b>\$32,108</b>	SOUTH DAKOTA STATE UNIVERSITY	4003069
<b>122062</b>	ANSWERLINE SERVICES FOR SOUTH DAKOTA EXTENSION CLIENTS	
	7/1/13 to 6/30/15 EXTENSION/PUBLIC	
	WARNING, JEANNE EXTENSION TO FAMILIES-EXT	

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

<b>\$31,250</b>	KANSAS STATE UNIVERSITY			4102304
<b>119571</b>	DEVELOPMENT OF A MODEL FOR REGIONAL CONTROL AND ELIMINATION OF PRRS VIRUS IN IOWA			
	10/1/10 to 6/30/13	RESEARCH		
	HOLTKAMP, DERALD		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	BAKER, RODNEY		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	MCKEAN, JAMES		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	ZIMMERMAN, JEFFREY		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
<b>\$30,000</b>	UNITED TECHNOLOGIES CORPORATION-PRATT & WHITNEY DIVISION			4006036
<b>121958</b>	SUPPORT IN DEFINITION OF OPTIMUM X-RAY FILTERS FOR AN ENHANCED X-RAY INSPECTION OF TURBINE BLADES--PHASE III			
	2/1/13 to 7/31/13	RESEARCH		
	GRAY, JOSEPH		CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
CO-PI	JENSEN, TERRENCE		CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
<b>\$30,000</b>	IOWA DEPARTMENT OF NATURAL RESOURCES			4734239
<b>122181</b>	NORTHEASTERN IOWA FOREST MONITORING			
	3/15/13 to 3/14/14	RESEARCH		
	DINSMORE, STEPHEN		NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
<b>\$30,000</b>	DOW AGROSCIENCES LLC			4004895
<b>122201</b>	DOW AGROSCIENCES-SMARTSTAX EFFICACY/CRW/CRY3BB1 PROBLEM AREAS			
	4/1/13 to 6/30/14	RESEARCH		
	GASSMANN, AARON		ENTOMOLOGY-AES/CALS	
CO-PI	WEBER, PATRICK		ENTOMOLOGY-AES/CALS	
<b>\$29,982</b>	IOWA DEPARTMENT OF TRANSPORTATION			4741706
<b>122227</b>	CURVED GIRDER WITH INTEGRAL ABUTMENT STUDY			
	6/1/08 to 11/30/13	RESEARCH		
	PHARES, BRENT		INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	HALLMARK, SHAUNA		INSTITUTE FOR TRANSPORTATION-VPR/ED	

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

<b>\$25,875</b>	IOWA DEPARTMENT OF NATURAL RESOURCES			4732909
<b>122269</b>	ESTABLISHING WEB-BASED RESOURCES WITHIN THE IOWA GEOSPATIAL INFRASTRUCTURE			
	4/1/10 to 6/30/13	RESEARCH		
	KANE, KEVIN		INSTITUTE FOR DESIGN RESEARCH & OUTREACH-DSN	
<b>\$25,530</b>	STOLLER ENTERPRISES			4004330
<b>122494</b>	SERVICE TESTING OF STOLLER PRODUCTS TO IMPROVE SOYBEAN HEALTH			
	5/1/13 to 4/30/14	RESEARCH		
	TYLKA, GREGORY		PLANT PATHOLOGY-AES/CALS	
<b>\$25,005</b>	ZOETIS			4002397
<b>122093</b>	GUINEA PIG C. FETUS SUBSP. VENEREALIS CHALLENGE MODEL			
	4/17/13 to 10/16/13	RESEARCH		
	PLUMMER, PAUL		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
	CO-PI YAEGER, MICHAEL		VETERINARY PATHOLOGY-VET	
<b>\$25,000</b>	ITC MIDWEST			4006012
<b>122205</b>	EPRC SUPPORT			
	1/1/13 to 12/31/13	RESEARCH		
	CHRISTY, COLIN		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
<b>\$23,758</b>	IOWA DEPARTMENT OF CORRECTIONS			4782901
<b>120550</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	
<b>\$23,518</b>	AGRICULTURAL BIOTECHNOLOGY STEWARDSHIP TECHNICAL COMMITTEE			4004281
<b>121442</b>	DETECTING SIGNAL FROM NOISE: STUDYING ARTHROPOD ABUNDANCE AND COMMUNITY STRUCTURE WITHIN CORN AND SOYBEAN LANDSCAPES			
	3/21/13 to 3/31/14	RESEARCH		
	ONEAL, MATTHEW		ENTOMOLOGY-AES/CALS	

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

<b>\$22,686</b>	MAHLE ENGINE COMPONENTS USA INC		4006552
<b>122147</b>	DETOXIFICATION OF MAHLE WASTEWATER BY IMPROVING PHYSICAL-CHEMICAL TREATMENT		
	4/1/13 to 9/30/13	RESEARCH	
CO-PI	VAN LEEUWEN, JOHANNES FORNEY, CRAIG	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VPF	
<b>\$22,678</b>	MONSANTO COMPANY		4004334
<b>122443</b>	SEED TREATMENT SOYBEAN SUDDEN DEATH SYNDROME PROTOCOLS 2013-01-53-28 AND 2013-01-53-29		
	4/1/13 to 3/31/14	RESEARCH	
	LEANDRO, LEONOR	PLANT PATHOLOGY-AES/CALS	
<b>\$20,000</b>	UNITED TECHNOLOGIES CORPORATION-PRATT & WHITNEY DIVISION		4006037
<b>121957</b>	X-RAY CHARACTERIZATION STUDIES IN SUPPORT OF MODEL-ASSISTED POD-PHASE III		
	2/1/13 to 5/31/13	RESEARCH	
CO-PI	JENSEN, TERRENCE GRAY, JOSEPH	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
<b>\$17,952</b>	SCOTTS COMPANY		4006553
<b>121785</b>	CHEMICAL OXIDATION OF HERBICIDE/PESTICIDE PROCESS WASTEWATER		
	5/1/13 to 1/31/14	RESEARCH	
CO-PI	ONG, SAY FORNEY, CRAIG	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VPF	
<b>\$17,491</b>	UNIVERSITY OF IOWA		4752016
<b>115990</b>	BONE IMPLANTS FOR FRACTURE RECONSTRUCTION		
	1/1/12 to 12/31/13	RESEARCH	
	FRANK, MATTHEW	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
<b>\$16,480</b>	NSF-NATIONAL SCIENCE FOUNDATION		4204104
<b>120932</b>	LTREB RENEWAL: LONG-TERM RESEARCH ON ENVIRONMENTAL GENDER DETERMINATION IN A MODEL SYSTEM (CHRYSEMYS)		
	9/1/12 to 8/31/17	RESEARCH	
	JANZEN, FREDRIC	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	

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

<b>\$16,000</b>	BASF CORPORATION			4003064
<b>122302</b>	TOLERANCE AND PARTICLE MOVEMENT TESTING OF DICAMBA IN SOYBEANS			
	4/4/13	to	12/31/13	
	OWEN, MICHEAL		RESEARCH	
			AGRONOMY-AES/CALS	
<b>\$15,500</b>	STOLLER ENTERPRISES			4004328
<b>122444</b>	STOLLER SOYBEAN			
	5/1/13	to	3/1/14	
	LEANDRO, LEONOR		RESEARCH	
			PLANT PATHOLOGY-AES/CALS	
<b>\$15,000</b>	KOCH AGRONOMIC SERVICES LLC			4004266
<b>121600</b>	EVALUATION OF FERTILIZER PRODUCTS AND ADDITIVES FOR ENHANCED NITROGEN EFFICIENCY IN CORN			
	3/15/13	to	3/15/14	
	BARKER, DANIEL		RESEARCH	
			AGRONOMY-AES/CALS	
CO-PI	SAWYER, JOHN		AGRONOMY-AES/CALS	
CO-PI	CASTELLANO, MICHAEL		AGRONOMY-AES/CALS	
<b>\$15,000</b>	IOWA DEPARTMENT OF TRANSPORTATION			4747769
<b>122130</b>	DVCIR CENTER POOLED FUND WEBSITE UPDATE			
	5/1/13	to	5/31/14	
	KNAPP, KEITH		RESEARCH	
			INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	HALLMARK, SHAUNA		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
<b>\$14,950</b>	MONSANTO COMPANY			4004287
<b>122267</b>	PROTOCOL NUMBERS 2013-01B7-22 AND 2013-01-24-14			
	3/15/13	to	12/31/13	
	OWEN, MICHEAL		RESEARCH	
			AGRONOMY-AES/CALS	
<b>\$13,522</b>	NSF-NATIONAL SCIENCE FOUNDATION			4204044
<b>120737</b>	REU : COLLABORATIVE RESEARCH: BELOWGROUND DRIVERS OF ABOVEGROUND NUTRIENT CYCLING AND PRODUCTIVITY IN GROWING FORESTS			
	9/1/11	to	8/31/14	
	RUSSELL, ANN		RESEARCH	
			NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	



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

<b>\$13,146</b>	IOWA DEPARTMENT OF TRANSPORTATION	4747771
<b>122250</b>	WINTER MAINTENANCE PROGRAM SUPPORT	
	4/15/13 to 6/30/13 RESEARCH	
CO-PI	HAWKINS, NEAL INSTITUTE FOR TRANSPORTATION-VPR/ED HALLMARK, SHAUNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
<b>\$11,700</b>	IOWA DEPARTMENT OF PUBLIC HEALTH	4783020
<b>122271</b>	CONTINUATION OF SAFE ROUTES TO SCHOOL: THE I-WALK MODEL	
	7/23/12 to 6/30/13 EXTENSION/PUBLIC	
	SEEGER, CHRISTOPHER LANDSCAPE ARCHITECTURE-DSN	
<b>\$11,200</b>	HELENA CHEMICAL COMPANY	4004269
<b>122089</b>	EFFECTS OF HM0543, PROXY, PRIMO MAXX, AND EMBARK ON THE SEED HEAD SUPPRESSION OF ANNUAL BLUEGRASS	
	3/29/13 to 12/31/13 RESEARCH	
	CHRISTIANS, NICK HORTICULTURE-AES/CALS	
<b>\$10,418</b>	IOWA DEPARTMENT OF PUBLIC HEALTH	4782802
<b>119921</b>	MATERNAL INFANT AND EARLY CHILDHOOD HOME VISITING (MIECHV)	
	7/1/12 to 6/30/13 RESEARCH	
CO-PI	PETERSON, CARLA HUMAN DEVELOPMENT & FAMILY STUDIES-HS HUGHES-BELDING, KERE HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
<b>\$10,000</b>	IOWA DEPARTMENT OF NATURAL RESOURCES	4730101
<b>122158</b>	EVALUATION OF AN ELECTRIC BARRIER TO REDUCE WALLEYE ESCAPEMENT	
	4/1/13 to 6/30/13 MISCELLANEOUS	
	WEBER, MICHAEL NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
<b>\$10,000</b>	STOLLER ENTERPRISES	4004289
<b>122442</b>	EVALUATION OF ROOT MASS 20/20 AND STIMULATE FOR REGULATION AND ENHANCEMENT OF CREEPING BENTGRASS	
	4/1/13 to 12/31/13 RESEARCH	
	CHRISTIANS, NICK HORTICULTURE-AES/CALS	

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

<b>\$8,444</b>	AUBURN UNIVERSITY	4103054
<b>122210</b>	EDEN HOMELAND SECURITY INITIATIVE V: STRENGTHENING EDEN'S ROLE IN HOMELAND SECURITY, FOOD AND AG DEFENSE AND ALL-HAZARD EDUCATION 4/1/13 to 8/31/13 EXTENSION/PUBLIC TOOTLE, DEBORAH SOCIOLOGY-EXT	
<b>\$7,748</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>\$6,500</b>	NSF-NATIONAL SCIENCE FOUNDATION	4207120
<b>121688</b>	INVESTIGATING GIBBERELLIN PHYTOHORMONE METABOLISM 8/1/09 to 12/31/13 RESEARCH PETERS, REUBEN BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	
<b>\$6,496</b>	AJINOMOTO USA INC	4004309
<b>122455</b>	FIELD STUDY OF A MICROBIOLOGICAL PRODUCT ON SOYBEAN YIELD AND QUALITY 4/1/13 to 3/31/14 RESEARCH LENSEN, ANDREW AGRONOMY-AES/CALS	
<b>\$6,300</b>	IOWA DEPARTMENT OF TRANSPORTATION	4741787
<b>122150</b>	ALKALI CONTENT OF FLY ASH-MEASURING AND TESTING STRATEGIES FOR EVALUATING COMPLIANCE 1/1/12 to 12/31/13 RESEARCH SCHLORHOLTZ, SCOTT OFFICE OF BIOTECHNOLOGY-VPR/ED	
<b>\$6,000</b>	NSF-NATIONAL SCIENCE FOUNDATION	4202062
<b>121113</b>	MOLECULAR TAGGING TECHNIQUES FOR STRATIFIED FLOW: APPLICATION TO BOUNDARY MIXING 9/1/11 to 8/31/13 RESEARCH REHMANN, CHRIS CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR CO-PI HU, HUI AEROSPACE ENGINEERING-ENGR	

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

<b>\$6,000</b>	NSF-NATIONAL SCIENCE FOUNDATION	4206239
<b>122431</b>	VIRTUAL MELTING AND AMORPHIZATION AS MECHANISMS OF PLASTIC FLOW, FRACTURE, AND PHASE TRANSFORMATIONS	
	7/1/10 to 6/30/14 RESEARCH	
	LEVITAS, VALERY AEROSPACE ENGINEERING-ENGR	
<b>\$5,845</b>	IOWA DEPARTMENT OF NATURAL RESOURCES	4732105
<b>122239</b>	PROPOSAL TO MONITOR WHITE-FRINGED PRAIRIE ORCHID PHENOLOGY	
	4/15/13 to 6/1/14 RESEARCH	
	BIEDERMAN, LORI ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
<b>\$5,630</b>	IOWA DEPARTMENT OF PUBLIC HEALTH	4783310
<b>120388</b>	MCH 1-800 HEALTHY FAMILIES/TEENLINE	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	VANGINKEL, MARGARET EXTENSION TO FAMILIES-EXT	
<b>\$5,000</b>	PRINCIPAL FINANCIAL GROUP INC	4001729
<b>121864</b>	NSF/I/UCRC CENTER FOR INFORMATION PROTECTION/S2ERC-PRINCIPAL	
	1/1/13 to 12/31/13 RESEARCH	
	DANIELS, THOMAS ELECTRICAL & COMPUTER ENGINEERING-ENGR	
<b>\$4,500</b>	CALCIUM PRODUCTS INC	4004272
<b>122193</b>	QUACKGRASS CONTROL VIA SUPERCAL 986/SUPERCAL SO4	
	4/1/13 to 12/31/15 RESEARCH	
	CHRISTIANS, NICK HORTICULTURE-AES/CALS	
<b>\$4,000</b>	DOW AGROSCIENCES LLC	4003904
<b>122384</b>	NA13P2E010: ENLIST CORN/ENLIST DUO + SURESTART, AMC FULTIME NXT, KEYSTONE NXT/EARLY POST/EFFICACY	
	4/22/13 to 4/21/14 RESEARCH	
	OWEN, MICHEAL AGRONOMY-AES/CALS	

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

<b>\$2,600</b>	ACADEMY OF APPLIED SCIENCE	4046114
<b>122343</b>	SUMMER STEM RESEARCH INTERNSHIP FOR MINORITY HIGH SCHOOL STUDENTS	
	6/1/13 to 8/15/13 INSTRUCTION/TRAINING	
	CERVATO, CINZIA GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	
<b>\$2,448</b>	IOWA DEPARTMENT OF PUBLIC HEALTH	4783042
<b>118901</b>	1-800 BETS OFF: IOWA GAMBLING TREATMENT PROGRAM HELPLINE	
	7/1/12 to 6/30/13 EXTENSION/PUBLIC	
	VANGINKEL, MARGARET EXTENSION TO FAMILIES-EXT	
<b>\$2,205</b>	IOWA DEPARTMENT OF PUBLIC HEALTH	4783020
<b>116369</b>	CONTINUATION OF SAFE ROUTES TO SCHOOL: THE I-WALK MODEL	
	7/23/12 to 6/30/13 EXTENSION/PUBLIC	
	SEEGER, CHRISTOPHER LANDSCAPE ARCHITECTURE-DSN	
<b>\$2,000</b>	STEVENS INSTITUTE OF TECHNOLOGY	4046018
<b>121943</b>	ENGAGING STUDENTS: EVERYDAY EXAMPLES IN ENGINEERING (E3S)	
	3/1/13 to 3/31/14 INSTRUCTION/TRAINING	
	STARNS, GLORIA MECHANICAL ENGINEERING-ENGR	
<b>\$1,440</b>	COBB COUNTY SCHOOL DISTRICT	4042846
<b>121781</b>	ANALYZE FITNESS GRAM AND DEMOGRAPHIC DATA FOR COBB STUDENTS TO SUPPORT COBB 20/20	
	1/1/13 to 2/1/13 RESEARCH	
	WELK, GREGORY KINESIOLOGY-HS	
<b>\$1,225</b>	YOUTH & SHELTER SERVICES	4003023
<b>120973</b>	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**


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**\$1,225** BLACK HAWK COUNTY AGRICULTURAL EXTENSION DISTRICT 4003023

**120974** 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

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**\$1,000** SOCIETY FOR INTEGRATIVE & COMPARATIVE BIOLOGY 4002183

**122101** PROXIMATE MECHANISMS OF BEHAVIORAL VARIATION IN GARTER SNAKES

3/13/13 to 3/13/14 RESEARCH  
 BRONIKOWSKI, ANNE ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS  
 CO-PI GANGLOFF, ERIC ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

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