

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$11,284,712	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	
\$4,000,000	NSF-NATIONAL SCIENCE FOUNDATION	4207220
114713	NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS (CBIRC)	
	9/1/11 to 8/31/16 RESEARCH	
	SHANKS, BRENT NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	
CO-PI	RAMAN, DAVE AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	REILLY, PETER CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
CO-PI	ROLLINS, DERRICK CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
CO-PI	SHANKS, JACQUELINE CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
CO-PI	WOO, LEE CHEMISTRY-LAS	
CO-PI	WURTELE, EVE GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
CO-PI	KRAUS, GEORGE INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY ADMINISTRATION-VPR/ED	
CO-PI	MCCARLEY, TONIA NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	
CO-PI	NIKOLAU, BASIL BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS	
CO-PI	BOBIK, THOMAS BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS	
CO-PI	DICKERSON, JULIE ELECTRICAL & COMPUTER ENGINEERING-ENGR	
CO-PI	KEELING, PETER NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	
CO-PI	JARBOE, LAURA CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
CO-PI	LESHEM-ACKERMAN, ADAH NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	
CO-PI	LAROCK, RICHARD CHEMISTRY-LAS	
CO-PI	OLIVER, DAVID GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
\$3,887,247	IOWA DEPARTMENT OF COMMERCE	4781700
120655	OPERATIONAL FUNDS FOR THE IOWA ENERGY CENTER	
	9/27/91 to 12/31/99 RESEARCH	
	RAJAN, CHITRA IOWA ENERGY CENTER-VPR/ED	
\$1,582,002	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	4163018
117695	SHIELDING CUCURBIT CROPS FOR RESILIENT AGROECOSYSTEMS	
	9/1/12 to 8/31/14 RESEARCH	
	GLEASON, MARK PLANT PATHOLOGY-EXT	

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\$1,582,002 USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) 4163018

117695 SHIELDING CUCURBIT CROPS FOR RESILIENT AGROECOSYSTEMS

9/1/12 to 8/31/14 RESEARCH

CO-PI BAIN, CARMEN SOCIOLOGY-AES/CALS
 CO-PI BEATTIE, GWYN PLANT PATHOLOGY-AES/CALS
 CO-PI ROSENTRATER, KURT AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS
 CO-PI STEWARD, BRIAN AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS
 CO-PI NUTTER, FORREST PLANT PATHOLOGY-AES/CALS
 CO-PI LEWIS, DONALD ENTOMOLOGY-EXT
 CO-PI BATZER, JEAN PLANT PATHOLOGY-EXT
 CO-PI JESSE, LAURA PLANT PATHOLOGY-EXT
 CO-PI HANNA, H. AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT
 CO-PI HAYNES, CYNTHIA HORTICULTURE-EXT
 CO-PI NAIR, AJAY HORTICULTURE-AES/CALS
 CO-PI CORREIA, ANA SCHOOL OF EDUCATION-HS
 CO-PI DUFFY, MICHAEL ECONOMICS-EXT

\$1,474,345 DOC-NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY 4263520

118624 IOWA CENTER FOR INDUSTRIAL RESEARCH AND SERVICE

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

DEVLIN, STEVEN CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT
 CO-PI O'DONNELL, MICHAEL CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT
 CO-PI MILLER, JOANN CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT

\$826,909 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

\$739,001 DEERE & COMPANY 4004083

116335 CORN STOVER RESIDUE MANAGEMENT

10/1/11 to 9/30/15 RESEARCH

BIRRELL, STUART AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS
 CO-PI DARR, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

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\$552,272	IOWA DEPARTMENT OF HUMAN SERVICES	4703002
118987	IOWA FOOD ASSISTANCE NUTRITION EDUCATION PROGRAM	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	MARTIN, PEGGY EXTENSION TO FAMILIES-EXT	
\$470,800	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194069
120606	RESEARCH SUPPORT AGREEMENT	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	LAMKEY, KENDALL AGRONOMY-AES/CALS	
\$468,234	DUPONT	4004898
119407	HARVEST AND QUALITY ASSESSMENT OF INDUSTRIAL SCALE BIOMASS PRODUCTION	
	7/1/12 to 6/30/13 RESEARCH	
	DARR, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
	CO-PI WEBSTER, KEITH AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$286,443	UNITED SOYBEAN BOARD	4594017
118903	BIOTECHNOLOGY TO CONTROL OF THE SOYBEAN CYST NEMATODE: SCN PARASITISM GENES (YEAR 1 OF 3)	
	10/1/12 to 9/30/13 RESEARCH	
	BAUM, THOMAS PLANT PATHOLOGY-AES/CALS	
\$254,145	DEERE & COMPANY	4006543
113844	DEVELOPMENT OF ADVANCED COLLABORATION AND MODULAR METHODS TO FACILITATE TRANSITION BETWEEN CONCEPT AND DETAILED DESIGN STAGES	
	1/1/11 to 12/31/13 RESEARCH	
	WINER, ELIOT MECHANICAL ENGINEERING-ENGR	
	CO-PI OLIVER, JAMES MECHANICAL ENGINEERING-ENGR	
\$250,973	NSF-NATIONAL SCIENCE FOUNDATION	4206230
120095	ACCELERATED VERSUS DECELERATED SETTLING VELOCITY OF A DROP	
	9/1/12 to 8/31/15 RESEARCH	
	WARD, THOMAS AEROSPACE ENGINEERING-ENGR	

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\$250,755	DOT-FEDERAL AVIATION ADMINISTRATION (FAA)	4362501
118868	FUNDAMENTAL ENGINEERING STUDIES OF MAGNETIC PARTICLE AND IMPACT ON STANDARDS AND INDUSTRIAL PRACTICE	
	4/1/10 to 8/30/13 RESEARCH	
	BRASCHE, LISA CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
\$250,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	4162327
114783	SAFEGUARDING THE VIABILITY OF US SWINE PRODUCERS THROUGH A COMPREHENSIVE AND INTEGRATED SWINE HEALTH SURVEILLANCE SYSTEM. PART 1. OPTIMIZATION OF DIAGNOSTIC ASSAYS FOR ORAL FLUID SPECIMENS	
	8/1/12 to 7/31/13 RESEARCH	
	ZIMMERMAN, JEFFREY VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	YOON, KYOUNG-JIN VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	FRANA, TIMOTHY VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	IMERMAN, PAULA VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	WANG, CHONG VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$235,000	DHS-U.S. DEPARTMENT OF HOMELAND SECURITY	4282001
111130	ARI-MA: INFORMATICS AIDED DESIGN OF INORGANIC SCINTILLATOR MATERIALS	
	9/1/10 to 9/14/14 RESEARCH	
	RAJAN, KRISHNA MATERIALS SCIENCE & ENGINEERING-ENGR	
\$234,668	DEERE & COMPANY	4006544
113792	HIGH-RESOLUTION, REAL-TIME 3-D SHAPE MEASUREMENT FOR PARTICLE MOTION CAPTURE	
	1/1/11 to 12/31/13 RESEARCH	
	ZHANG, SONG MECHANICAL ENGINEERING-ENGR	
CO-PI	WINER, ELIOT MECHANICAL ENGINEERING-ENGR	
\$222,029	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194070
120621	RESEARCH SUPPORT AGREEMENT	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	LAMKEY, KENDALL AGRONOMY-AES/CALS	
\$220,017	DEERE & COMPANY	4004095
120379	SUGARCANE HARVESTER CONTROL SYSTEM DEVELOPMENT	
	11/1/12 to 10/31/13 RESEARCH	
	DARR, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	

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\$220,017	DEERE & COMPANY				4004095
120379	SUGARCANE HARVESTER CONTROL SYSTEM DEVELOPMENT				
	11/1/12 to 10/31/13	RESEARCH			
CO-PI	MCNAULL, ROBERT		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS		
\$216,820	IOWA SOYBEAN ASSOCIATION				4504309
120548	UTILIZATION OF VIGS TO IDENTIFY RESISTANCE TO AGENTS OF STRESS IN SOYBEANS				
	10/1/12 to 9/30/13	RESEARCH			
CO-PI	HILL, JOHN		PLANT PATHOLOGY-AES/CALS		
CO-PI	WHITHAM, STEVEN		PLANT PATHOLOGY-AES/CALS		
CO-PI	BAUM, THOMAS		PLANT PATHOLOGY-AES/CALS		
\$216,000	IOWA SOYBEAN ASSOCIATION				4504317
118881	BREEDING SOYBEAN FOR DISEASES, PESTS AND ABIOTIC STRESS RESISTANCE				
	10/1/12 to 9/30/13	RESEARCH			
	CIANZIO, SILVIA		AGRONOMY-AES/CALS		
\$210,000	IOWA SOYBEAN ASSOCIATION				4504301
118795	BREEDING GENERAL-USE AND SPECIALTY SOYBEAN VARIETIES FOR IOWA				
	10/1/12 to 9/30/13	RESEARCH			
	FEHR, WALTER		AGRONOMY-AES/CALS		
\$200,852	DEERE & COMPANY				4006541
113891	EXTENSIBLE VIRTUAL ENGINEERING TOOLS FOR IMPROVED PRODUCT DESIGN				
	1/1/11 to 6/30/13	RESEARCH			
CO-PI	BRYDEN, KENNETH		MECHANICAL ENGINEERING-ENGR		
CO-PI	MCCORKLE, DOUGLAS		VIRTUAL REALITY APPLICATIONS CENTER - IPRT-VPR/ED		
\$199,712	DEERE & COMPANY				4006540
113861	DEVELOPING TOOLS FOR THE DESIGN OF MULTIPHASE FLOWS				
	1/1/11 to 12/31/13	RESEARCH			
	BRYDEN, KENNETH		MECHANICAL ENGINEERING-ENGR		

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\$184,588	DEERE & COMPANY	4006542
113843	ENHANCING INTEGRATED ROBUST OPTIMAL DESIGN ENVIRONMENT FOR INTEGRATION OF OFF-THE-SHELF SIMULATION TOOLS, USER FRIENDLINESS, AND EXPANDED CAPABILITIES 1/1/11 to 12/31/13 RESEARCH KELKAR, ATUL MECHANICAL ENGINEERING-ENGR	
\$170,502	NSF-NATIONAL SCIENCE FOUNDATION	4202166
117246	CONTINUED ANALYSIS OF CONVECTIVE SYSTEM EVOLUTION USING CONVECTION-PERMITTING GRID SPACING WEATHER RESEARCH AND FORECASTING WRF SIMULATIONS 11/1/12 to 10/31/15 RESEARCH GALLUS, WILLIAM GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS CO-PI SEGAL, MORDECAY AGRONOMY-AES/CALS	
\$164,264	KANSAS STATE UNIVERSITY	4044041
92671	GEPR: TRANSCRIPTION PROFILING AND FUNCTIONAL ANALYSES OF BACTERIAL DISEASE SUSCEPTIBILITY PATHWAYS OF RICE 9/15/08 to 8/31/13 RESEARCH BOGDANOVE, ADAM PLANT PATHOLOGY-AES/CALS CO-PI YANG, BING GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
\$157,428	IOWA SOYBEAN ASSOCIATION	4504311
120540	BUILDING A RELATIONSHIP-DRIVEN, RESILIENT APPLIED RESEARCH PROGRAM AT ISU WHILE ADDRESSING SEVERAL SOYBEAN PRODUCTION ISSUES 10/1/12 to 9/30/13 RESEARCH HONEYMAN, MARK ISU RESEARCH AND DEMONSTRATION FARMS-AES/CALS CO-PI MUELLER, DAREN PLANT PATHOLOGY-EXT CO-PI MCGRATH, CLARKE EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	
\$154,645	NATIONWIDE CHILDRENS HOSPITAL	4044005
108569	TREATING THE CNS AND SOMATIC DISEASES OF MPS IIIB BY SYSTEMIC GENE DELIVERY 6/1/11 to 5/31/13 RESEARCH ELLINWOOD, NORMAN ANIMAL SCIENCE-AES/CALS	
\$153,000	NSF-NATIONAL SCIENCE FOUNDATION	4201806
119803	GRADUATE RESEARCH FELLOWSHIP PROGRAM 7/15/12 to 6/30/17 SCHOLARSHIP HOLGER, DAVID GRADUATE COLLEGE-PROV	

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\$152,228	OAK RIDGE ASSOCIATED UNIVERSITIES	4002089
105886	INCREASING USE OF FLY ASH IN CONCRETE THROUGH NANO-MATERIAL MODIFICATION, MULTI-SCALE CHARACTERIZATION, AND IMPROVED PROCESSING 10/1/11 to 9/30/13 RESEARCH WANG, KEJIN CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$148,850	UNITED SOYBEAN BOARD	4594021
118909	GENERATING RESOURCES TO IDENTIFY GENES THAT CONTROL THE OIL QUALITY AND PROTEIN CONTENT IN SOYBEAN 10/1/12 to 9/30/13 RESEARCH BHATTACHARYYA, MADAN AGRONOMY-AES/CALS CO-PI PALMER, REID AGRONOMY-AES/CALS	
\$142,082	IOWA SOYBEAN ASSOCIATION	4504304
118912	ASSESSING NEMATODE CONTROL AND YIELD OF SCN-RESISTANT SOYBEAN VARIETIES IN RESPONSE TO DIFFERENT SOYBEAN CYST NEMATODE POPULATIONS (HG TYPES)-CONTINUATION 10/1/12 to 9/30/13 RESEARCH TYLKA, GREGORY PLANT PATHOLOGY-AES/CALS	
\$135,000	KANSAS STATE UNIVERSITY	4042314
97519	NATIONAL CENTER OF EXCELLENCE FOR ZONOTIC AND EMERGING ANIMAL DISEASES, EDUCATION AND OUTREACH 7/1/10 to 6/30/13 EXTENSION/PUBLIC ROTH, JAMES VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET CO-PI HOSTETTER, JESSE VETERINARY PATHOLOGY-VET CO-PI BICKETT-WEDDLE, DANIELLE CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET CO-PI DVORAK, GLENDA CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET CO-PI FLAMING, KEVAN CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET CO-PI EIA, CHERYL CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET	
\$135,000	UNIVERSITY OF VERMONT	4042005
113593	BORON AND DIBORIDE SYSTEMS FOR HIGH-ENTHALPY ENVIRONMENTS: DESIGN AND EVALUATION 9/15/11 to 9/14/13 RESEARCH AKINC, MUFIT MATERIALS SCIENCE & ENGINEERING-ENGR CO-PI KRAMER, MATTHEW MATERIALS SCIENCE & ENGINEERING-ENGR	

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\$135,000	DEERE & COMPANY				4004086
120329	COMBINE MASS FLOW ASSESSMENT				
	11/1/12 to 10/31/13	RESEARCH			
	DARR, MATTHEW		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS		
CO-PI	MCNAULL, ROBERT		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS		
\$130,000	DEERE & COMPANY				4004094
120371	COMBINE MACHINE HEALTH ASSESSMENT				
	11/1/12 to 10/31/13	RESEARCH			
	DARR, MATTHEW		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS		
CO-PI	MCNAULL, ROBERT		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS		
\$127,277	IOWA SOYBEAN ASSOCIATION				4504306
118930	AN INTEGRATED MANAGEMENT APPROACH FOR SOYBEAN SUDDEN DEATH SYNDROME				
	10/1/12 to 9/30/13	RESEARCH			
	LEANDRO, LEONOR		PLANT PATHOLOGY-AES/CALS		
CO-PI	ROBERTSON, ALISON		PLANT PATHOLOGY-AES/CALS		
CO-PI	MUELLER, DAREN		PLANT PATHOLOGY-AES/CALS		
CO-PI	LIEBMAN, MATTHEW		AGRONOMY-AES/CALS		
CO-PI	CIANZIO, SILVIA		AGRONOMY-AES/CALS		
CO-PI	CHASE, CRAIG		EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT		
\$124,000	IOWA SOYBEAN ASSOCIATION				4504316
120663	PHASE III-DISCOVERY AND INTROGRESSION OF NOVEL GENES FOR RESISTANCE TO SCN GERMPASM OF EARLY MATURITY GROUPS				
	10/1/12 to 9/30/13	RESEARCH			
	CIANZIO, SILVIA		AGRONOMY-AES/CALS		
\$121,000	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)				4120554
119888	ANIMALS IN DISASTER: MULTI-AGENCY COORDINATION (MAC) SYSTEM				
	9/27/12 to 9/26/13	EXTENSION/PUBLIC			
	ROTH, JAMES		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET		

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\$120,227	COLORADO STATE UNIVERSITY		4044003
118892	NORTH CENTRAL CLIMATE SCIENCE CENTER UNIVERSITY CONSORTIUM RESEARCH PLAN, FY-2012		
	9/17/12 to 9/16/13	RESEARCH	
	ANDERSON, CHRISTOPHER	AGRONOMY-AES/CALS	
CO-PI	DEBINSKI, DIANE	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	
\$117,428	UNIVERSITY OF WASHINGTON		4042849
120593	NATIONAL CENTER ON QUALITY TEACHING AND LEARNING, YEAR 3		
	9/15/12 to 9/14/13	RESEARCH	
	PETERSON, CARLA	HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
\$117,354	IOWA SOYBEAN ASSOCIATION		4503004
118961	MAPPING AND INTROGRESSION OF RPS9 RESISTANCE TO PHYTOPHTHORA ROOT ROT INTO ELITE SOYBEAN LINES		
	10/1/12 to 9/30/13	RESEARCH	
	ROBERTSON, ALISON	PLANT PATHOLOGY-EXT	
CO-PI	CIANZIO, SILVIA	AGRONOMY-AES/CALS	
CO-PI	BHATTACHARYYA, MADAN	AGRONOMY-AES/CALS	
\$116,180	IOWA DEPARTMENT OF TRANSPORTATION		4741744
120114	IOWA DOT ENGINEERING INTERN DEVELOPMENT AND MANAGEMENT PROGRAM SUMMER AND FALL 2012-PHASE 2		
	10/1/12 to 2/28/13	RESEARCH	
	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	ALLEMAN, JAMES	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	HALLMARK, SHAUNA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$115,000	MONSANTO COMPANY		4004397
117976	CAPSOID-MEDIATED DELIVERY OF SILENCING RNAS FOR PEST CONTROL		
	5/1/12 to 4/30/13	RESEARCH	
	BONNING, BRYONY	ENTOMOLOGY-AES/CALS	
CO-PI	MILLER, WYATT	PLANT PATHOLOGY-AES/CALS	

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\$110,000	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	4120555
119909	PROPOSAL TO DEVELOP TWO PRELICENSING TRAINING COURSES FOR PROSPECTIVE LICENSEES	
	9/26/12 to 9/25/13 EXTENSION/PUBLIC	
	ROTH, JAMES VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$105,963	SKYWORKS SOLUTIONS INC	4002051
119836	DUAL-BAND POWER AMPLIFIERS FOR USE IN GPRS TRANSMITTERS	
	1/14/13 to 1/13/15 RESEARCH	
	NEIHART, NATHAN ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$105,822	IOWA SOYBEAN ASSOCIATION	4504314
118935	GENERATION AND USE OF NOVEL SOYBEAN GERMPASM WITH ENHANCED SDS RESISTANCE	
	10/1/12 to 9/30/13 RESEARCH	
	BHATTACHARYYA, MADAN AGRONOMY-AES/CALS	
CO-PI	CIANZIO, SILVIA AGRONOMY-AES/CALS	
\$103,871	IOWA SOYBEAN ASSOCIATION	4504319
118927	EXPLORING SOYBEAN APHID AND SOYBEAN CYST NEMATODE INTERACTIONS FOR IMPROVED INTEGRATED MANAGEMENT IN IOWA	
	10/1/12 to 9/30/13 RESEARCH	
	ONEAL, MATTHEW ENTOMOLOGY-AES/CALS	
CO-PI	TYLKA, GREGORY PLANT PATHOLOGY-AES/CALS	
CO-PI	MACINTOSH, GUSTAVO BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	
CO-PI	HODGSON, ERIN ENTOMOLOGY-AES/CALS	
\$102,298	IOWA SOYBEAN ASSOCIATION	4503022
118911	HOW DOES PHYTOPHTHORA SOJAE EVADE DETECTION BY RPS GENES IN SOYBEAN?	
	10/1/12 to 9/30/13 RESEARCH	
	ROBERTSON, ALISON PLANT PATHOLOGY-EXT	
\$101,051	IOWA SOYBEAN ASSOCIATION	4504315
118940	HIGH-THROUGHPUT SEQUENCING OF FUSARIUM VIRGULIFORME AND SOYBEAN GENES: A STUDY OF PATHOGENICITY, DEFENSE AND ENVIRONMENTAL FACTORS IN SOYBEAN SUDDEN DEATH SYNDROME	
	10/1/12 to 9/30/13 RESEARCH	
	LEANDRO, LEONOR PLANT PATHOLOGY-AES/CALS	

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\$100,000	STATE-U.S. EMBASSY BEIJING	4332801
119647	THE AMERICAN CULTURAL CENTER IN CHINA'S HEARTLAND-HENAN PROVINCE	
	9/20/12 to 9/30/13 EXTENSION/PUBLIC	
CO-PI	HAGEDORN, LINDA SCHOOL OF EDUCATION-HS	
CO-PI	TANG, LIANG APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS	
CO-PI	HALLAM, J. ECONOMICS-LAS	
\$97,644	IOWA SOYBEAN ASSOCIATION	4503001
118910	21ST CENTURY MANAGEMENT OF WHITE MOLD	
	10/1/12 to 9/30/13 RESEARCH	
CO-PI	ROBERTSON, ALISON PLANT PATHOLOGY-EXT	
CO-PI	MUELLER, DAREN PLANT PATHOLOGY-EXT	
CO-PI	YANG, XIAO PLANT PATHOLOGY-AES/CALS	
\$97,500	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	4120553
119722	SUPPORT FOR THE NASAAEP BEST PRACTICES WORKING GROUPS AND THE ANIMAL EMERGENCY RESPONSE RESOURCE DATABASE AND EDUCATION WEBSITE	
	9/27/12 to 9/26/13 EXTENSION/PUBLIC	
CO-PI	ROTH, JAMES VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
CO-PI	FLAMING, KEVAN CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET	
\$97,127	IOWA SOYBEAN ASSOCIATION	4504303
119014	CHARACTERISTICS OF FUSARIUM OXYSPORUM FUNGI ATTACKING SOYBEAN ROOTS	
	10/1/12 to 9/30/13 RESEARCH	
CO-PI	MUNKVOLD, GARY PLANT PATHOLOGY-AES/CALS	
CO-PI	LEANDRO, LEONOR PLANT PATHOLOGY-AES/CALS	
\$92,003	NORTHROP GRUMMAN SYSTEMS CORPORATION	4042039
119345	RCEE-INTEGRATED HIGH LIFT/LAMINAR FLOW	
	9/1/12 to 8/31/13 RESEARCH	
	WLEZIEN, RICHARD AEROSPACE ENGINEERING-ENGR	

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\$90,414	IOWA SOYBEAN ASSOCIATION		4504313
118943	DEVELOPMENT OF NOVEL SOYBEAN GERMPLASM FOR IMPROVING SOYBEAN FOR SDS RESISTANCE		
	10/1/12 to 9/30/13	RESEARCH	
	BHATTACHARYYA, MADAN	AGRONOMY-AES/CALS	
CO-PI	CIANZIO, SILVIA	AGRONOMY-AES/CALS	
\$89,681	NAZARBHEYEV UNIVERSITY		4002518
119930	RESEARCH AND TRAINING IN THIN FILM PHOTOVOLTAICS		
	10/1/12 to 12/10/12	RESEARCH	
	DALAL, VIKRAM	ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$85,360	BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH		4044011
113980	MANIPULATION OF PLANT DEFENSES BY AN INSECT-VECTORED VIRUS		
	8/1/12 to 7/31/13	RESEARCH	
	WHITHAM, STEVEN	PLANT PATHOLOGY-AES/CALS	
\$83,491	DIAMOND V MILLS		4006515
120383	PREVENTING SALMONELLA COLONIZATION IN DAIRY CALVES FED A PROPRIETARY PRODUCT		
	5/1/12 to 4/30/13	RESEARCH	
	CARLSON, STEVEN	BIOMEDICAL SCIENCES-VET	
CO-PI	FORNEY, CRAIG	INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VPR	
\$83,049	IOWA DEPARTMENT OF TRANSPORTATION		4747920
118745	EVALUATION AND TESTING OF A LIGHT-WEIGHT FINE AGGREGATE CONCRETE BRIDGE DECK IN BUCHANAN COUNTY, IOWA		
	7/1/12 to 6/30/16	RESEARCH	
	TAYLOR, PETER	INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	HOSTENG, TRAVIS	INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	PHARES, BRENT	INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$80,199	IOWA SOYBEAN ASSOCIATION		4503014
118938	ESTABLISHING SEED TREATMENT RECOMMENDATIONS FOR IOWA SOYBEAN GROWERS		
	10/1/12 to 9/30/13	RESEARCH	
	ROBERTSON, ALISON	PLANT PATHOLOGY-EXT	

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\$80,199	IOWA SOYBEAN ASSOCIATION		4503014
118938	ESTABLISHING SEED TREATMENT RECOMMENDATIONS FOR IOWA SOYBEAN GROWERS		
	10/1/12 to 9/30/13	RESEARCH	
CO-PI	HODGSON, ERIN	ENTOMOLOGY-EXT	
CO-PI	MUNKVOLD, GARY	PLANT PATHOLOGY-AES/CALS	
\$79,114	UNIVERSITY OF WISCONSIN MADISON		4042081
117850	COLLABORATIVE RESEARCH: PSERC COLLABORATIVE PROPOSAL FOR A PHASE III INDUSTRY UNIVERSITY COOPERATIVE RESEARCH CENTER PROGRAM; THRUST AREA 6.2 OPERATIONAL AND PLANNING CONSIDERATIONS FOR RESILIENCY		
	1/1/12 to 2/28/13	RESEARCH	
	DOBSON, IAN	ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$73,594	DUPONT		4004082
120158	ASSESSMENT OF BIOMASS HARVESTING AGRONOMIC IMPACT		
	7/1/12 to 6/30/13	RESEARCH	
	DARR, MATTHEW	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$73,494	IOWA SOYBEAN ASSOCIATION		4504302
119006	SOYBEAN PRODUCTION RESEARCH-BREAKING THE YIELD BARRIER		
	10/1/12 to 9/30/13	RESEARCH	
	MUNKVOLD, GARY	PLANT PATHOLOGY-AES/CALS	
\$70,000	IOWA SOYBEAN ASSOCIATION		4504312
118765	ISU/ON-FARM NETWORK COLLABORATIVE SCOUTING		
	5/1/12 to 12/31/12	EXTENSION/PUBLIC	
CO-PI	HONEYMAN, MARK	ISU RESEARCH AND DEMONSTRATION FARMS-AES/CALS	
CO-PI	MUELLER, DAREN	PLANT PATHOLOGY-AES/CALS	
\$70,000	IOWA PORK PRODUCERS ASSOCIATION		4532367
120081	DETECTION AND CHARACTERIZATION OF INFLUENZA A VIRUS ENDEMIC CIRCULATION IN NEONATAL AND NURSERY PIGS IN FARMS USING ROUTINE INFLUENZA VACCINATION		
	12/1/12 to 12/1/13	RESEARCH	
CO-PI	GAUGER, PHILLIP	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	BAKER, RODNEY	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	WANG, CHONG	STATISTICS-LAS	

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\$70,000	IOWA PORK PRODUCERS ASSOCIATION	4532367
120081	DETECTION AND CHARACTERIZATION OF INFLUENZA A VIRUS ENDEMIC CIRCULATION IN NEONATAL AND NURSERY PIGS IN FARMS USING ROUTINE INFLUENZA VACCINATION 12/1/12 to 12/1/13 RESEARCH	
CO-PI	ZHANG, JIANQIANG VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$68,885	UNITED SOYBEAN BOARD	4592504
115064	CONVERSION OF SOYBEAN OIL TO A SOLVENT WITH BETTER PROPERTIES THAN METHYL SOYATE 1/1/13 to 12/31/13 RESEARCH	
	VERKADE, JOHN CHEMISTRY-LAS	
\$67,031	UNITED SOYBEAN BOARD	4594001
119413	SOY-BASED LAWN AND FIELD PRODUCTS 10/1/12 to 9/30/13 RESEARCH	
	GREWELL, DAVID AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	SCHRADER, JAMES HORTICULTURE-AES/CALS	
CO-PI	GRAVES, WILLIAM HORTICULTURE-AES/CALS	
\$66,791	IOWA SOYBEAN ASSOCIATION	4503039
120567	DIRECT SOYBEAN SEEDING INTO DIFFERENT TILLAGE SYSTEMS AND RESIDUE MANAGEMENT SCENARIOS 10/1/12 to 9/30/13 RESEARCH	
	AL-KAISI, MAHDI AGRONOMY-EXT	
CO-PI	HANNA, H. AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT	
\$63,948	IOWA SOYBEAN ASSOCIATION	4504310
118849	EVALUATING PLANT PEST INTERACTIONS TO OPTIMIZE SOYBEAN YIELD 10/1/12 to 9/30/13 RESEARCH	
	HODGSON, ERIN ENTOMOLOGY-AES/CALS	
CO-PI	GASSMANN, AARON ENTOMOLOGY-AES/CALS	
CO-PI	TYLKA, GREGORY PLANT PATHOLOGY-AES/CALS	
\$61,971	IOWA SOYBEAN ASSOCIATION	4504318
118945	CHARACTERIZATION OF THE MECHANISMS INVOLVED IN THE SDS-SCN INTERACTION TO DEVELOP SOYBEAN LINES WITH RESISTANCE TO SDS AND TO SCN 10/1/12 to 9/30/13 RESEARCH	
	LEANDRO, LEONOR PLANT PATHOLOGY-AES/CALS	

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\$61,971	IOWA SOYBEAN ASSOCIATION	4504318
118945	CHARACTERIZATION OF THE MECHANISMS INVOLVED IN THE SDS-SCN INTERACTION TO DEVELOP SOYBEAN LINES WITH RESISTANCE TO SDS AND TO SCN 10/1/12 to 9/30/13 RESEARCH	
CO-PI	TYLKA, GREGORY	PLANT PATHOLOGY-AES/CALS
CO-PI	CIANZIO, SILVIA	AGRONOMY-AES/CALS
\$60,000	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194059
120608	RESEARCH SUPPORT AGREEMENT 10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	LAMKEY, KENDALL	AGRONOMY-AES/CALS
\$59,707	IOWA SOYBEAN ASSOCIATION	4504307
120544	EXPLOITING VIRUSES TO CONTROL THE SOYBEAN APHID 10/1/12 to 9/30/13 RESEARCH	
CO-PI	MILLER, WYATT	PLANT PATHOLOGY-AES/CALS
	BONNING, BRYONY	ENTOMOLOGY-AES/CALS
\$59,006	RTI INTERNATIONAL	4042035
118276	PHASE I: DARPA COMPASS PROPOSAL (DESCOPE) 8/31/12 to 8/31/13 RESEARCH	
CO-PI	BECKMAN, SCOTT	MATERIALS SCIENCE & ENGINEERING-ENGR
	WANG, XINWEI	MECHANICAL ENGINEERING-ENGR
\$58,858	IOWA SOYBEAN ASSOCIATION	4504308
120545	ARE MICRONUTRIENT DEFICIENCIES LIMITING SOYBEAN YIELD IN IOWA? 10/1/12 to 9/30/13 RESEARCH	
	MALLARINO, ANTONIO	AGRONOMY-AES/CALS
\$52,812	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194055
120611	RESEARCH SUPPORT AGREEMENT 10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	LAMKEY, KENDALL	AGRONOMY-AES/CALS

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\$50,744	SOUTHERN ILLINOIS UNIVERSITY	4004285
118939	DEVELOPING A COMPREHENSIVE MANAGEMENT PROGRAM FOR FOLIAR DISEASES OF SOYBEAN (PROJECT #2262 YEAR 2 OF 3) 10/1/11 to 9/30/13 RESEARCH YANG, XIAO PLANT PATHOLOGY-AES/CALS	
\$50,561	UNIVERSITY OF IOWA	4752013
115789	A WIND TUNNEL STUDY OF THE INTERFERENCES OF MULTIPLE WIND TURBINES OVER COMPLEX TERRAINS FOR THE OPTIMAL TURBINE SITE DESIGN AND DURABILITY IN OPERATION 7/1/11 to 12/31/12 RESEARCH HU, HUI AEROSPACE ENGINEERING-ENGR CO-PI PARTHA, SARKAR AEROSPACE ENGINEERING-ENGR CO-PI WLEZIEN, RICHARD AEROSPACE ENGINEERING-ENGR	
\$50,000	KANSAS STATE UNIVERSITY	4006312
119293	KBA-AH01/CURTAILING HIGH IMPACT INFECTIOUS DISEASE 7/1/11 to 6/30/13 RESEARCH TRUJILLO, JESSIE VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET CO-PI NARA, PETER BIOMEDICAL SCIENCES-VET	
\$50,000	OKLAHOMA STATE UNIVERSITY	4004411
120080	RESTORING FUNCTIONING PRAIRIE IN A WORKING LANDS LANDSCAPE 8/1/08 to 6/30/13 MISCELLANEOUS HARR, RYAN NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$50,000	DUPONT DANISCO CELLULOSIC ETHANOL LLC	4007204
120454	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP 9/29/12 to 9/28/13 RESEARCH SHANKS, BRENT CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$45,324	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194068
120619	RESEARCH SUPPORT AGREEMENT 10/1/12 to 9/30/13 EXTENSION/PUBLIC LAMKEY, KENDALL AGRONOMY-AES/CALS	

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\$44,280	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194064
120631	RESEARCH SUPPORT AGREEMENT	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	BAUM, THOMAS PLANT PATHOLOGY-AES/CALS	
\$42,000	SPECTRAL ENERGIES LLC	4042032
119558	4-D IMAGING OF FUEL MASS DISTRIBUTIONS IN ROCKET SPRAYS	
	6/13/12 to 3/5/13 RESEARCH	
	MEYER, TERRENCE MECHANICAL ENGINEERING-ENGR	
\$41,990	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194067
120618	RESEARCH SUPPORT AGREEMENT	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	LAMKEY, KENDALL AGRONOMY-AES/CALS	
\$40,000	FRENCH AMERICAN CULTURAL EXCHANGE (FACE)	4002151
117950	ECOLOGICAL GENOMICS AND EPIGENOMICS OF POLYPLOIDY	
	9/1/12 to 8/31/13 RESEARCH	
	WENDEL, JONATHAN ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$40,000	MICHIGAN STATE UNIVERSITY	4103033
119266	IOWA PLANT DIAGNOSTIC NETWORK	
	7/1/12 to 6/30/13 EXTENSION/PUBLIC	
	JESSE, LAURA PLANT PATHOLOGY-EXT	
\$40,000	BROOKHAVEN SCIENCE ASSOCIATES-BROOKHAVEN NATIONAL LABORATORY	4042133
120526	US ATLAS OPERATIONS PROGRAM MANAGER	
	8/29/12 to 8/31/13 DEPT/ADMIN SUPPORT	
	COCHRAN, JAMES PHYSICS & ASTRONOMY-LAS	

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\$39,991	IOWA SOYBEAN ASSOCIATION			4503021
118860	GETTING TO KNOW THE PLAYERS ON THE SEEDLING DISEASE FIELD			
	10/1/12 to 9/30/13	RESEARCH		
	ROBERTSON, ALISON		PLANT PATHOLOGY-EXT	
\$39,000	IOWA SOYBEAN ASSOCIATION			4503038
120543	ASSESSMENT OF GLYPHOSATE AND OTHER HERBICIDE-RESISTANT WEEDS IN IOWA: A DIRECTED EDUCATIONAL OPPORTUNITY			
	10/1/12 to 9/30/13	RESEARCH		
	OWEN, MICHEAL		AGRONOMY-AES/CALS	
\$38,532	IOWA SOYBEAN ASSOCIATION			4504320
120692	JAPANESE BEETLE AND BROWN MARMORATED STINK BUG: NEW THREATS TO SOYBEAN YIELD?			
	10/1/12 to 9/30/13	RESEARCH		
	ONEAL, MATTHEW		ENTOMOLOGY-AES/CALS	
CO-PI	HODGSON, ERIN		ENTOMOLOGY-AES/CALS	
CO-PI	JURENKA, RUSSELL		ENTOMOLOGY-AES/CALS	
\$36,008	IOWA SOYBEAN ASSOCIATION			4503029
118699	IMPROVING SOYBEAN INSECT MANAGEMENT			
	10/1/12 to 9/30/13	RESEARCH		
	HODGSON, ERIN		ENTOMOLOGY-EXT	
\$35,000	SIEMENS ENERGY INC			4002519
117492	CENTER FOR NDE MEMBERSHIP			
	10/1/12 to 9/30/13	RESEARCH		
	BRASCHE, LISA		CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
\$35,000	ROLLS ROYCE			4002520
118600	ADVANCED TERAHERTZ INSPECTION OF MATERIALS OF ROLLS-ROYCE'S INTERESTS, PHASE I: FEASIBILITY STUDY			
	10/1/12 to 12/31/12	RESEARCH		
	CHIOU, CHIEN-PING		CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
CO-PI	BRASCHE, LISA		CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	

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\$33,000	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	4120528
120330	REVIEW AND ENHANCEMENT OF ONE HEALTH EDUCATION AND OPERATIONAL PLANS	
	9/28/12 to 9/27/13 EXTENSION/PUBLIC	
CO-PI	ROTH, JAMES DVORAK, GLENDA	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET
\$31,820	PFIZER ANIMAL HEALTH	4002313
120027	ADVANCING KNOWLEDGE ON PCV2 EPIDEMIOLOGY	
	9/1/12 to 12/31/12 RESEARCH	
	OPRIESSNIG, TANJA	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET
\$31,491	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	4103906
111290	INTEGRATED MANAGEMENT OF OOMYCETE DISEASES OF SOYBEAN AND OTHER CROP PLANTS	
	4/1/11 to 3/31/14 RESEARCH	
	ROBERTSON, ALISON	PLANT PATHOLOGY-AES/CALS
\$30,304	IOWA DEPARTMENT OF TRANSPORTATION	4741756
119956	PILOT PROJECT-DEMONSTRATION OF CAPABILITIES AND BENEFITS OF BRIDGE LOAD RATING THROUGH PHYSICAL TESTING	
	10/1/12 to 6/30/13 RESEARCH	
CO-PI	PHARES, BRENT NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED INSTITUTE FOR TRANSPORTATION-VPR/ED
\$30,000	DEERE & COMPANY	4002010
120514	CENTER FOR E-DESIGN MEMBERSHIP	
	10/9/12 to 10/8/13 RESEARCH	
CO-PI	TERPENNY, JANIS VANCE, JUDY	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR MECHANICAL ENGINEERING-ENGR
\$29,845	PURDUE UNIVERSITY	4003908
119143	DEVELOPMENT OF EFFECTIVE EDUCATIONAL PROGRAMS TO MANAGE AND MITIGATE HERBICIDE RESISTANT WEEDS	
	10/1/12 to 9/30/13 RESEARCH	
CO-PI	HARTZLER, ROBERT OWEN, MICHEAL	AGRONOMY-EXT AGRONOMY-EXT

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\$29,661	UNIVERSITY OF NORTHERN IOWA	4752802
120145	STATEWIDE STEM MONITORING PROJECT	
	8/1/12 to 5/31/13 RESEARCH	
	KEMIS, MARI SCHOOL OF EDUCATION-HS	
\$28,800	BASF CORPORATION	4003311
120397	FIELD TRIAL EVALUATION OF BASF FUNGICIDES ON CORN	
	4/1/12 to 12/31/12 RESEARCH	
	ROBERTSON, ALISON PLANT PATHOLOGY-AES/CALS	
\$23,062	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194060
120605	RESEARCH SUPPORT AGREEMENT	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	LAMKEY, KENDALL AGRONOMY-AES/CALS	
\$20,000	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4192382
120625	RESEARCH SUPPORT AGREEMENT	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	HAYNES, JOSEPH VETERINARY PATHOLOGY-VET	
\$19,310	IA DPS-GOVERNORS TRAFFIC SAFETY BUREAU	4781205
120222	GOVERNOR'S TRAFFIC SAFETY BUREAU TRAFFIC ENFORCEMENT-ALCOHOL	
	10/1/12 to 9/30/13 MISCELLANEOUS	
	STEWART, JERRY VICE PRESIDENT FOR BUSINESS & FINANCE-VPBF	
\$18,002	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194056
120632	RESEARCH SUPPORT AGREEMENT	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	BAUM, THOMAS PLANT PATHOLOGY-AES/CALS	

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\$17,500	BASF CORPORATION		4004412
120402	SBF3-PRIAXOR AND XEMIUM DISEASE CONTROL; SBF7 WM COMP- ENDURAIN SOYBEAN FOR WM CONTROL VS COMPETITIVE TREATMENTS AND SBF8 WM-ENDURA IN SOYBEAN FOR WM DISEASE CONTROL IN BASF PROGRAMS	5/1/12 to 5/1/13 RESEARCH	
	YANG, XIAO	PLANT PATHOLOGY-AES/CALS	
CO-PI	NAVI, SHRISHAIL	PLANT PATHOLOGY-AES/CALS	
\$17,453	IOWA SOYBEAN ASSOCIATION		4504305
119000	ON-FARM RE-EVALUATION OF SOYBEAN RESPONSE TO LIME APPLICATION IN IOWA	10/1/12 to 9/30/13 RESEARCH	
	MALLARINO, ANTONIO	AGRONOMY-AES/CALS	
CO-PI	SAWYER, JOHN	AGRONOMY-AES/CALS	
\$17,148	UNIVERSITY OF IOWA		4752016
115990	BONE IMPLANTS FOR FRACTURE RECONSTRUCTION	1/1/12 to 12/31/12 RESEARCH	
	FRANK, MATTHEW	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
\$17,109	SPIRIT AEROSYSTEMS		4002524
119890	LITERATURE REVIEW OF INSPECTION OF POTENTIAL CONTAMINATES IN THE SURFACE PREPARATION OF ORGANIC MATRIX COMPOSITES	9/1/12 to 12/31/12 RESEARCH	
	BRASCHE, LISA	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
CO-PI	BARNARD, DAN	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
\$16,000	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)		4194054
120615	RESEARCH SUPPORT AGREEMENT	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	LAMKEY, KENDALL	AGRONOMY-AES/CALS	
\$15,000	MISSISSIPPI STATE UNIVERSITY		4103032
117084	BUILDING THE CAPACITY OF EDUCATORS TO HELP WOMEN FARMERS AND RANCHERS IN SOUTHERN STATES IMPROVE AGRICULTURAL SUSTAINABILITY USING ANNIES METHODOLOGIES	1/15/12 to 6/14/14 EXTENSION/PUBLIC	
	HANSEN, RAYMOND	VALUE ADDED AGRICULTURE-EXT	
CO-PI	SCHULTZ, MADELINE	VALUE ADDED AGRICULTURE-EXT	

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\$13,885	DONALD DANFORTH PLANT SCIENCE CENTER	4442506
115625	DEVELOPMENT OF ALGAL/ADVANCED BIOFUELS CONSORTIA	
	4/1/11 to 10/31/12 RESEARCH	
	TREWYN, BRIAN CHEMISTRY-LAS	
\$13,200	BASF CORPORATION	4003079
120378	FIELD TRIALS FOR BASF CORPORATION	
	9/25/12 to 9/24/13 RESEARCH	
	MUELLER, DAREN PLANT PATHOLOGY-EXT	
\$13,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	4161701
111779	AGRO-ECOSYSTEM APPROACH TO SUSTAINABLE BIOFUELS PRODUCTION VIA THE PYROLYSIS-BIOCHAR PLATFORM (AFRI-CAP)	
	8/1/11 to 7/31/13 RESEARCH	
	MOORE, KENNETH AGRONOMY-AES/CALS	
CO-PI	RAMAN, DAVE AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	SCHWAB, CHARLES AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	BROWN, ROBERT MECHANICAL ENGINEERING-ENGR	
CO-PI	BIRRELL, STUART AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	EUKEN, JILL BIOECONOMY INSTITUTE-VPR/ED	
CO-PI	HAYES, DERMOT ECONOMICS-AES/CALS	
CO-PI	JACOBS, KERI ECONOMICS-AES/CALS	
CO-PI	HANNA, H. AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	KLING, CATHERINE ECONOMICS-AES/CALS	
CO-PI	LAIRD, DAVID AGRONOMY-AES/CALS	
\$13,000	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	
\$12,800	UNIVERSITY OF IOWA	4752306
120154	SAFETY ANALYSIS FOR A NOVEL INTRASPINAL IMPLANT	
	4/1/12 to 5/31/13 RESEARCH	
	JEFFERY, NICHOLAS VETERINARY CLINICAL SCIENCES-VET	

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\$11,340	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194074
120607	RESEARCH SUPPORT AGREEMENT	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	LAMKEY, KENDALL AGRONOMY-AES/CALS	
\$10,951	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194066
120617	RESEARCH SUPPORT AGREEMENT	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	LAMKEY, KENDALL AGRONOMY-AES/CALS	
\$10,810	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194052
120614	RESEARCH SUPPORT AGREEMENT	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	LAMKEY, KENDALL AGRONOMY-AES/CALS	
\$10,700	VALENT USA CORPORATION	4003079
120497	FIELD TRIALS FOR VALENT USA CORPORATION	
	9/14/12 to 9/13/13 EXTENSION/PUBLIC	
	MUELLER, DAREN PLANT PATHOLOGY-EXT	
\$10,000	UNIVERSITY OF ARKANSAS	4044015
93292	INTEGRAL VALORISATION OF BIO-PRODUCTION	
	9/1/08 to 8/31/13 RESEARCH	
	JOHNSON, LAWRENCE FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
CO-PI	RAMAN, DAVE AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$10,000	IA DPS-GOVERNORS TRAFFIC SAFETY BUREAU	4781722
120226	TRAFFIC SAFETY SURVEY DATA COLLECTION	
	10/1/12 to 9/30/13 RESEARCH	
	HUCK, SHIRLEY SURVEY AND BEHAVIORAL RESEARCH SERVICES-VPR/ED	
CO-PI	LARSON, JANICE SURVEY AND BEHAVIORAL RESEARCH SERVICES-VPR/ED	

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\$10,000	COTTON INC			4002118
120349	GENOMIC CONSEQUENCES OF POLYPLOIDY IN 2 AGRONOMICALLY IMPORTANT COTTON SPECIES			
	1/1/12	to	12/31/12	RESEARCH
	WENDEL, JONATHAN		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$9,936	IOWA DEPARTMENT OF TRANSPORTATION			4741758
120066	INTEGRATING ACCESS MANAGEMENT INTO LOCAL PRACTICE			
	10/1/12	to	3/31/13	RESEARCH
	HAWKINS, NEAL	INSTITUTE FOR TRANSPORTATION-VPR/ED		
CO-PI	HALLMARK, SHAUNA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR		
\$9,800	LUTHER COLLEGE			4003023
120447	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		
\$9,000	STOLLER ENTERPRISES			4004085
120356	STOLLER TURF GROWTH REGULATOR STUDY			
	10/1/12	to	12/31/12	RESEARCH
	CHRISTIANS, NICK		HORTICULTURE-AES/CALS	
\$8,640	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)			4192383
120622	RESEARCH SUPPORT AGREEMENT			
	10/1/12	to	9/30/13	EXTENSION/PUBLIC
	WANNEMUEHLER, MICHAEL		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$8,100	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)			4194051
120613	RESEARCH SUPPORT AGREEMENT			
	10/1/12	to	9/30/13	EXTENSION/PUBLIC
	LAMKEY, KENDALL		AGRONOMY-AES/CALS	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$8,000	UNIVERSITY OF WISCONSIN MADISON	4003028
116793	IMPROVED MANAGEMENT OF SCLEROTINIA STEM ROT IN THE NORTH CENTRAL REGION, YEAR 3	
	3/1/12 to 2/28/13 EXTENSION/PUBLIC	
	MUELLER, DAREN PLANT PATHOLOGY-EXT	
\$7,429	IOWA DEPARTMENT OF TRANSPORTATION	4742110
119190	RECIPROCAL EFFECTS OF INSECT AND MAMMAL HERBIVORES WITH TALLGRASS PRAIRIE DIVERSITY	
	10/12/12 to 12/31/13 RESEARCH	
	HARPOLE, WILLIAM ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
	CO-PI MORTENSEN, BRENT ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$6,804	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4192381
120623	RESEARCH SUPPORT AGREEMENT	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	WANNEMUEHLER, MICHAEL VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$6,660	NSF-NATIONAL SCIENCE FOUNDATION	4207205
120127	NOVEL MANUFACTURING OF BIO-INSPIRED METAL MATRIX COMPOSITES BY SEMISOLID FORMING-JOINING	
	8/15/10 to 7/31/13 RESEARCH	
	KIM, GAP-YONG MECHANICAL ENGINEERING-ENGR	
\$6,480	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194073
120620	RESEARCH SUPPORT AGREEMENT	
	10/1/12 to 9/30/13 EXTENSION/PUBLIC	
	LAMKEY, KENDALL AGRONOMY-AES/CALS	
\$6,400	UNIVERSITY OF NORTHERN IOWA	4751402
120316	CAMPUS VIOLENCE PREVENTION PROJECT	
	9/1/07 to 8/31/13 INSTRUCTION/TRAINING	
	HILL, THOMAS VICE PRESIDENT FOR STUDENT AFFAIRS-VP SA	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$6,000	UNIVERSITY OF MINNESOTA TWIN CITIES	4002824
120588	ASSESSMENT OF CONSUMER PERCEPTIONS, PREFERENCES AND BEHAVIORS WITH FLUID MILK USING EXPERIMENTAL AUCTIONS 7/1/12 to 6/30/13 RESEARCH CLARK, STEPHANIE FOOD SCIENCE & HUMAN NUTRITION-HS	
\$6,000	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194050
120610	RESEARCH SUPPORT AGREEMENT 10/1/12 to 9/30/13 EXTENSION/PUBLIC LAMKEY, KENDALL AGRONOMY-AES/CALS	
\$6,000	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194053
120616	RESEARCH SUPPORT AGREEMENT 10/1/12 to 9/30/13 EXTENSION/PUBLIC LAMKEY, KENDALL AGRONOMY-AES/CALS	
\$5,645	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4194062
120609	RESEARCH SUPPORT AGREEMENT 10/1/12 to 9/30/13 EXTENSION/PUBLIC LAMKEY, KENDALL AGRONOMY-AES/CALS	
\$4,511	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	4192380
120624	RESEARCH SUPPORT AGREEMENT 10/1/12 to 9/30/13 EXTENSION/PUBLIC WANNEMUEHLER, MICHAEL VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$3,850	FMC CORPORATION	4003311
120398	FIELD TRIALS TO ASSESS THE EFFECT OF REGALIA MAXX FUNGICIDE ON CORN 4/1/12 to 12/31/12 RESEARCH ROBERTSON, ALISON PLANT PATHOLOGY-EXT	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$3,694	MRI GLOBAL			4001773
120203	ADDITIONAL USRAP ACTIVITIES FOR 2012			
	5/21/04 to 12/31/12	RESEARCH		
CO-PI	HANS, ZACHARY		INSTITUTE FOR TRANSPORTATION-VPR/ED	
	HALLMARK, SHAUNA		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$3,240	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)			4192384
120626	RESEARCH SUPPORT AGREEMENT			
	10/1/12 to 9/30/13	EXTENSION/PUBLIC		
	HAYNES, JOSEPH		VETERINARY PATHOLOGY-VET	
\$2,605	HUMANITIES IOWA			4042140
120366	IOWA POET LAUREATE TOURS HOB NAILED BOOTS THEATRE COMPANY			
	9/11/12 to 11/1/12	MISCELLANEOUS		
	SWANDER, MARY		ENGLISH-LAS	
\$2,450	NAHANT RESOURCE MANAGEMENT			4003023
120451	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	
\$2,450	IOWA DEPARTMENT OF HUMAN RIGHTS			4003023
120562	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	
\$1,865	LUTHERAN SERVICES IN IOWA			4003023
120448	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	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$1,675	COMMUNITY FOUNDATION OF GREATER DUBUQUE	4003023
120449	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	
\$1,620	IOWA DEPARTMENT OF TRANSPORTATION	4742108
119181	OAKRIDGE RESEARCH AND EDUCATION PRAIRIE--2ND YEAR ESTABLISHMENT	
	10/12/12 to 12/31/13 RESEARCH	
CO-PI	HARPOLE, WILLIAM ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
	SULLIVAN, LAUREN ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$1,225	YOUTH & SHELTER SERVICES	4003023
120564	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	
\$1,000	PARETO BIOTECHNOLOGIES INC	4007204
120442	CENTER FOR BIORENEWABLE CHEMCIALS (CBIRC) MEMBERSHIP	
	9/30/12 to 9/29/13 RESEARCH	
	SHANKS, BRENT CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$750	BLACK HAWK COUNTY EXTENSION OFFICE	4003023
120563	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	
\$626	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	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$612 CITY OF DUBUQUE, IOWA 4003023

120565 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

\$612 MUSCATINE COUNTY AGRICULTURAL EXTENSION DISTRICT 4003023

120656 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
