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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$10,111,426	DEPARTMENT OF EDUCATION		432-57-90
112138	PELL GRANT, FY11		
	7/1/10 to 6/30/11	STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA	STUDENT FINANCIAL AID-VPSA	
\$3,868,825	DEPARTMENT OF AGRICULTURE, NIFA		620-30-00
113912	SMITH-LEVER COOPERATIVE EXTENSION FORMULA		
	10/1/10 to 9/30/15	EXTENSION/PUBLIC	
	MILLER, GERALD	EXTENSION ADMINISTRATION-EXT	
CO-PI	HOLZ-CLAUSE, MARY	EXTENSION ADMINISTRATION-EXT	
\$1,919,596	DEPARTMENT OF AGRICULTURE, NIFA		602-40-00
114079	2011 HATCH RESEARCH		
	10/1/10 to 9/30/12	RESEARCH	
	WINTERSTEEN, WENDY	AGRICULTURE & HOME ECONOMICS EXPERIMENT STATION-AES/CALS	
\$1,285,641	DEPARTMENT OF ENERGY		401-25-01
93016	OPERATING AND MANAGEMENT SUPPORT FOR THE AMES LABORATORY		
	11/1/08 to 12/31/11	RESEARCH	
	KING, ALEXANDER	AMES LABORATORY	
\$1,250,000	DEPARTMENT OF AGRICULTURE, NIFA		416-23-24
111861	MOLECULAR EPIDEMIOLOGY OF CLOSTRIDIUM DIFFICILE FOOD CONTAMINATION: LINKS TO HUMAN CDI		
	3/1/11 to 2/28/14	RESEARCH	
	SONGER, J	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$1,000,000	DEPARTMENT OF AGRICULTURE, NIFA		416-40-65
111073	THE PHYSIOLOGICAL IMPACT OF HEAT STRESS ON PIG METABOLISM AND PERFORMANCE		
	1/15/11 to 1/14/13	RESEARCH	
	BAUMGARD, LANCE	ANIMAL SCIENCE-AES/CALS	
CO-PI	GABLER, NICHOLAS	ANIMAL SCIENCE-AES/CALS	
CO-PI	LONERGAN, STEVEN	ANIMAL SCIENCE-AES/CALS	
CO-PI	PATIENCE, JOHN	ANIMAL SCIENCE-AES/CALS	
CO-PI	ROSS, JASON	ANIMAL SCIENCE-AES/CALS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$1,000,000	DEPARTMENT OF AGRICULTURE, NIFA	416-40-65
111073	THE PHYSIOLOGICAL IMPACT OF HEAT STRESS ON PIG METABOLISM AND PERFORMANCE	
	1/15/11 to 1/14/13 RESEARCH	
CO-PI	SELSBY, JOSHUA	ANIMAL SCIENCE-AES/CALS
\$560,000	NATIONAL SCIENCE FOUNDATION	420-60-02
113850	COLLABORATIVE RESEARCH: PSERC COLLABORATIVE PROPOSAL FOR A PHASE III INDUSTRY UNIVERSITY COOPERATIVE RESEARCH CENTER PROGRAM	
	2/9/11 to 2/28/11 RESEARCH	
CO-PI	MCCALLEY, JAMES	ELECTRICAL & COMPUTER ENGINEERING-ENGR
CO-PI	ALIPRANTIS, DIONYSIOS	ELECTRICAL & COMPUTER ENGINEERING-ENGR
CO-PI	BUSHNELL, JAMES	ECONOMICS-LAS
CO-PI	RYAN, SARAH	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR
\$551,000	MAPP BIOPHARMACEUTICALS	404-23-13
113642	MONOCLONAL IMMUNOPROTECTANTS FOR SELECT AGENTS TOXINS (MAB-SAT)	
	7/1/10 to 6/30/11 RESEARCH	
	SONGER, J	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET
\$484,046	DEPARTMENT OF EDUCATION	432-57-87
112135	NATIONAL SCIENCE AND MATHEMATICS ACCESS TO RETAIN TALENT (SMART) GRANT, FY11	
	7/1/10 to 6/30/11 STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA	STUDENT FINANCIAL AID-VPSA
\$477,754	SMALL BUSINESS ADMINISTRATION	435-08-13
113745	SMALL BUSINESS JOBS ACT OF 2010	
	1/1/11 to 12/31/12 EXTENSION/PUBLIC	
	HECKMANN, JAMES	BUSINESS ADMINISTRATION-BUS
\$457,434	SMALL BUSINESS ADMINISTRATION	435-08-21
108547	IOWA SMALL BUSINESS DEVELOPMENT CENTER FY 2011 SBA COOPERATIVE AGREEMENT	
	10/1/10 to 9/30/11 EXTENSION/PUBLIC	
	HECKMANN, JAMES	BUSINESS ADMINISTRATION-BUS

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$452,257 DEPARTMENT OF EDUCATION

432-57-86

112126 ACADEMIC COMPETITIVENESS GRANT, FY11

7/1/10 to 6/30/11 STUDENT FINANCIAL AID
JOHNSON, ROBERTA STUDENT FINANCIAL AID-VP SA

\$400,000 DEPARTMENT OF JUSTICE

428-65-01

111144 INTERNET-SCALE EVENT AND ATTACK GENERATION ENVIRONMENT (ISEAGE)

9/1/10 to 8/31/13 RESEARCH
JACOBSON, DOUG ELECTRICAL & COMPUTER ENGINEERING-ENGR

\$370,563 UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION

444-21-05

114543 ADVANCING DRUG DEVELOPMENT IN MEDICINAL PLANTS USING TRANSCRIPTOMICS AND METABOLOMICS

9/1/10 to 8/31/11 RESEARCH
WURTELE, EVE GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS
CO-PI NIKOLAU, BASIL GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS

\$301,362 DARTMOUTH UNIVERSITY

404-17-22

96282 FACTORS INFLUENCING THE HEALTH BEHAVIORS OF YOUNG AFRICAN AMERICAN ADULTS

7/1/08 to 12/31/11 RESEARCH
CUTRONA, CAROLYN PSYCHOLOGY-LAS

\$299,304 NATIONAL SCIENCE FOUNDATION

420-40-90

111575 REU SITE: RESEARCH EXPERIENCES FOR UNDERGRADUATES IN AGRICULTURAL BIOTECHNOLOGY AND GENOMICS

2/15/11 to 1/31/14 INSTRUCTION/TRAINING
WANG, KAN AGRONOMY-AES/CALS
CO-PI ROTHSCHILD, MAX ANIMAL SCIENCE-AES/CALS

\$288,185 DEPARTMENT OF AGRICULTURE, NIFA

416-40-64

111207 IMPLICATIONS OF U.S. CLIMATE POLICY CHOICES FOR AGRICULTURAL INPUT COMPETITIVENESS, COSTS, AND USAGE

2/15/11 to 2/14/14 RESEARCH
BUSHNELL, JAMES ECONOMICS-AES/CALS
CO-PI HAYES, DERMOT ECONOMICS-AES/CALS

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$273,002 IOWA DEPARTMENT OF NATURAL RESOURCES

473-26-06

113974 PRELIMINARY SERVICES FOR A STATE AGENCY GIS SERVICE BUREAU

3/11/11 to 12/31/12 RESEARCH

KANE, KEVIN INFORMATION TECHNOLOGY SERVICES-PROV

\$250,000 UNIVERSITY OF MARYLAND

404-21-84

97482 EMPIRICAL SEARCH FOR NEW SUPERCONDUCTORS

8/1/09 to 7/31/12 RESEARCH

CANFIELD, PAUL PHYSICS & ASTRONOMY-LAS

\$249,467 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

422-46-02

73280 A PROTOTYPE REMOTE SENSING VALIDATION SITE: TOWARDS A MULTI-VARIABLE APPROACH TO VALIDATING AND SCALING REMOTELY-SENSED OBSERVATIONS OF THE WATER CYCLE

2/1/09 to 1/31/11 RESEARCH

HORNBUCKLE, BRIAN AGRONOMY

CO-PI KALEITA-FORBES, AMY AGRICULTURAL & BIOSYSTEMS ENGINEERING

\$247,389 NATIONAL SCIENCE FOUNDATION

420-60-64

111905 MELT-DISPERSION MECHANISM FOR ENERGETIC REACTIONS OF ALUMINUM NANOPARTICLES

9/15/10 to 4/30/12 RESEARCH

LEVITAS, VALERY MECHANICAL ENGINEERING-ENGR

\$200,000 DEPARTMENT OF JUSTICE

428-65-02

111143 INTERNET-SCALE EVENT AND ATTACK GENERATION ENVIRONMENT (ISEAGE)

9/1/10 to 8/31/13 RESEARCH

JACOBSON, DOUG ELECTRICAL & COMPUTER ENGINEERING-ENGR

\$190,679 IOWA DEPARTMENT OF NATURAL RESOURCES

473-42-01

111316 LEOPOLD CENTER SUPPORT

7/1/10 to 12/31/10 RESEARCH

MORTON, LOIS LEOPOLD CENTER-AES/CALS

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$179,723 DEPARTMENT OF EDUCATION

432-57-88

112137 TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION (TEACH) GRANT, FY11

7/1/10 to 6/30/11 STUDENT FINANCIAL AID
JOHNSON, ROBERTA

\$173,000 DEPARTMENT OF AGRICULTURE, NASS

412-17-21

114294 NEW APPROACHES FOR AREA FRAME DEVELOPMENT, AREA SAMPLE DESIGN, AND GEOSPATIAL DATA COLLECTION

3/1/11 to 9/30/12 RESEARCH
NUSSER, SARAH STATISTICS-LAS
CO-PI KIM, JAE-KWANG STATISTICS-LAS
CO-PI YU, CINDY STATISTICS-LAS
CO-PI ZHU, ZHENGYUAN STATISTICS-LAS

\$170,000 DEPARTMENT OF ENERGY

401-21-18

105932 REGULATION OF CHLOROPLAST BIOGENESIS: THE IMMUTANS MUTANT OF ARABIDOPSIS

7/1/94 to 8/31/11 RESEARCH
RODERMEL, STEVEN GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS

\$158,000 IOWA DEPARTMENT OF NATURAL RESOURCES

473-30-16

111731 AMBIENT COMMUNITY ASSESSMENTS: KEY COMPONENTS TO SUCCESSFUL COMMUNITY-BASED WATERSHED IMPROVEMENT PROJECTS

1/10/11 to 1/31/13 EXTENSION/PUBLIC
COMITO, JACQUELINE SOCIOLOGY-EXT
CO-PI STAUDT, ANN AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT
CO-PI HELMERS, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT

\$149,864 INTERNATIONAL FOOD POLICY RESEARCH INSTITUTE

404-40-46

113529 SUBAGREEMENT FOR BUILDING FUNCTIONAL BIOSAFETY SYSTEMS

10/1/10 to 9/30/11 INSTRUCTION/TRAINING
MISRA, MANJIT AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS
CO-PI HARRIES, ADELAIDA SEED SCIENCE CENTER-AES/CALS
CO-PI WOLT, JEFFREY SEED SCIENCE CENTER-AES/CALS
CO-PI CORTES, JOSEPH SEED SCIENCE CENTER-AES/CALS
CO-PI AKETCH, JAMES SEED SCIENCE CENTER-AES/CALS
CO-PI HURD, HOWARD VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$135,881	IOWA DEPARTMENT OF NATURAL RESOURCES			473-42-51
108192	AN INVESTIGATION OF WILDLIFE VALUE, HYDROLOGY, AND WATER QUALITY OF DRAINED (FARMED) WETLANDS OF NORTH IOWA			
	1/19/11 to 7/15/13	RESEARCH		
	DINSMORE, STEPHEN		NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$133,200	NATIONAL INSTITUTES OF HEALTH			430-23-15
104088	AMYGDALAR MODULATION OF PROCESSING IN AUDITORY CORTEX			
	3/1/11 to 2/29/12	RESEARCH		
	PETERSON, DIANA		BIOMEDICAL SCIENCES-VET	
\$132,877	NATIONAL SCIENCE FOUNDATION			420-61-58
111389	CAREER: NEXT GENERATION NEUTRINO WATER CHERENKOV DETECTORS USING LARGE-AREA FAST PHOTODIODES			
	6/1/11 to 5/31/12	RESEARCH		
	SANCHEZ, MAYLY		PHYSICS & ASTRONOMY-LAS	
\$120,000	UNIVERSITY OF ALBERTA			400-42-08
111200	DEVELOPMENT OF GENOME ENHANCED EBVS FOR SOW FEED INTAKE AND EFFICIENCY			
	1/1/11 to 12/31/12	RESEARCH		
	ROTHSCHILD, MAX		ANIMAL SCIENCE-AES/CALS	
CO-PI	DEKKERS, JACK		ANIMAL SCIENCE-AES/CALS	
\$107,895	UNIVERSITY OF NORTH CAROLINA, GREENSBORO			410-28-02
106384	ENHANCING STUDENTS' SMALL BUSINESS KNOWLEDGE AND ENTREPRENEURIAL SKILLS FROM A GLOBAL PERSPECTIVE: COLLABORATIVE CURRICULUM DESIGN AND ASSESSMENT			
	9/1/10 to 7/31/13	INSTRUCTION/TRAINING		
	KARPOVA, ELENA		APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS	
CO-PI	MARCKETTI, SARA		APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS	
\$106,660	UNIVERSITY OF NORTHERN IOWA			475-14-01
111276	CAMPUS VIOLENCE PREVENTION PROJECT			
	9/1/07 to 8/31/12	INSTRUCTION/TRAINING		
	HILL, THOMAS		VICE PRESIDENT FOR STUDENT AFFAIRS-VPSA	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$100,748	DEPARTMENT OF AGRICULTURE, FAS			412-05-44
114312	SERBIA ANIMAL HEALTH TECHNICAL ASSISTANCE			
	12/20/10 to 12/30/11	INSTRUCTION/TRAINING		
	UHLENHOPP, ELDON		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$99,310	ENVIRONMENTAL PROTECTION AGENCY			429-46-22
114198	THE ECONOMIC AND ENVIRONMENTAL IMPACTS FROM INCREASED USE OF RENEWABLE FUELS IN THE U.S. TRANSPORTATION SECTOR			
	2/11/11 to 1/2/12	RESEARCH		
	BABCOCK, BRUCE		ECONOMICS-AES/CALS	
\$94,000	IOWA PORK PRODUCERS ASSOCIATION			452-23-02
114005	DEVELOPMENT OF A MODEL FOR REGIONAL CONTROL AND ELIMINATION OF PRRS VIRUS IN IOWA			
	8/1/10 to 9/30/11	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-EXT	
CO-PI	ZIMMERMAN, JEFFREY		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$93,585	DEPARTMENT OF DEFENSE, AFOSR			421-20-15
95706	BIO-INSPIRED INTEGRATED SENSING AND CONTROL OF FLAPPING FLIGHT FOR MICRO AERIAL VEHICLES			
	2/15/09 to 11/30/11	RESEARCH		
	LU, PING		AEROSPACE ENGINEERING-ENGR	
\$89,982	NATIONAL SCIENCE FOUNDATION			420-40-65
83239	LTREB: LONG-TERM RESEARCH ON ENVIRONMENTAL GENDER DETERMINATION IN A MODEL SYSTEM: THE NEXT FIVE YEARS			
	3/15/07 to 2/29/12	RESEARCH		
	JANZEN, FREDRIC		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY	
\$82,785	UNIVERSITY OF LOUISVILLE			404-40-40
106974	ESTABLISHMENT OF A P23H MUTANT RHODOPSIN SWINE MODEL OF RETINITIS PIGMENTOSA (RP)			
	12/1/10 to 11/30/11	RESEARCH		
	ROSS, JASON		ANIMAL SCIENCE-AES/CALS	

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	\$75,000	IOWA DEPARTMENT OF TRANSPORTATION		474-79-08
113848		REVISION TO THE SUDAS TRAFFIC SIGNAL STANDARDS-PHASE 2		
		3/1/11 to 8/30/12 RESEARCH		
	CO-PI	HAWKINS, NEAL	INSTITUTE FOR TRANSPORTATION-VPR/ED	
	CO-PI	WIEGAND, PAUL	INSTITUTE FOR TRANSPORTATION-VPR/ED	
	CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED	
	\$73,828	INFECTIOUS DISEASE RESEARCH INSTITUTE		404-23-16
111781		LEISHMANIA ANTIGENS DEFINED BY HUMAN IMMUNE RESPONSES		
		7/1/10 to 6/30/11 RESEARCH		
	CO-PI	PETERSEN, CHRISTINE	VETERINARY PATHOLOGY-VET	
	CO-PI	JONES, DOUGLAS	VETERINARY PATHOLOGY-VET	
	\$60,587	UNIVERSITY OF ALBERTA		400-41-78
111274		CHARACTERIZATION OF MIRNAS AND THEIR TARGETS IN FOOD ANIMAL PATHOGEN INFECTION MODELS FOR POTENTIAL USE AS MARKERS FOR IMPROVEMENT OF FOOD SAFETY		
		1/1/11 to 12/31/13 RESEARCH		
		TUGGLE, CHRIS	ANIMAL SCIENCE-AES/CALS	
	\$60,440	KANSAS STATE UNIVERSITY		400-42-23
114356		PRRS HOST GENETICS CONSORTIUM: A PROPOSAL TO CONTINUE CONSORTIUM WORK TO STUDY THE ROLE OF HOST GENETICS AND RESISTANCE TO PRRSV-YEAR 3		
		11/1/10 to 11/1/11 RESEARCH		
		REECY, JAMES	ANIMAL SCIENCE-AES/CALS	
	\$59,200	MISSISSIPPI STATE UNIVERSITY		404-25-37
105825		SEED TECHNOLOGIES TO SECURE RAPID AND COMPLETE SWITCHGRASS ESTABLISHMENT		
		7/1/10 to 8/31/12 RESEARCH		
		MOORE, KENNETH	AGRONOMY-AES/CALS	
	\$59,068	VETCARA		400-65-16
114313		EFFECTS OF EPICOR ON IMMUNE RESPONSE, SAFETY, AND WELFARE OF DOGS		
		2/1/11 to 9/30/11 RESEARCH		
	CO-PI	PALIC, DUSAN	BIOMEDICAL SCIENCES-VET	
	CO-PI	ROWE, ERIC	BIOMEDICAL SCIENCES-VET	
	CO-PI	ROTH, JAMES	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	

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	\$59,068	VETCARA		400-65-16
114313		EFFECTS OF EPICOR ON IMMUNE RESPONSE, SAFETY, AND WELFARE OF DOGS		
		2/1/11 to 9/30/11	RESEARCH	
	CO-PI	KIMURA, KAYOKO	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
	CO-PI	MADSON, DARIN	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
	CO-PI	NOXON, JAMES	VETERINARY CLINICAL SCIENCES-VET	
	CO-PI	MAY, ELIZABETH	VETERINARY CLINICAL SCIENCES-VET	
	CO-PI	MUMM, LYNNE	INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VPF	
	\$57,000	IOWA PORK PRODUCERS ASSOCIATION		452-40-03
113923		SUSTAINING IOWA PORK PRODUCTION AND AIR QUALITY		
		9/1/10 to 8/31/12	RESEARCH	
		XIN, HONGWEI	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
	CO-PI	COLLETTI, JOE	AGRICULTURE & HOME ECONOMICS EXPERIMENT STATION-AES/CALS	
	\$56,503	PLEOTINT, LLC		444-17-05
104672		DEMONSTRATION WITH ENERGY AND DAYLIGHTING ASSESSMENTS OF SUNLIGHT RESPONSIVE THERMOCHROMIC WINDOW SYSTEMS		
		3/18/11 to 2/16/12	RESEARCH	
		NORDMEYER, KEVIN	IOWA ENERGY CENTER-VPR/ED	
	\$55,203	GUARDIAN FOOD TECHNOLOGIES, LLC		400-41-54
113999		EVALUATE THE IMPACT OF PACKAGING ON THE ANTI-MICROBIAL PROPERTIES OF LACTIGUARD APPLIED TO BEEF TRIM, BEEF BRISKET AND GROUND BEEF		
		1/17/11 to 9/30/11	RESEARCH	
		DICKSON, JAMES	ANIMAL SCIENCE-AES/CALS	
	\$55,000	IOWA DEPARTMENT OF TRANSPORTATION		474-79-11
113922		EVALUATION AND GUIDANCE FOR EFFECTIVE TRAFFIC CALMING AND TRAFFIC CONTROL IN SMALL RURAL COMMUNITIES		
		1/15/11 to 12/31/12	RESEARCH	
		HALLMARK, SHAUNA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
	CO-PI	HAWKINS, NEAL	INSTITUTE FOR TRANSPORTATION-VPR/ED	
	CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED	

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\$55,000	IOWA DEPARTMENT OF TRANSPORTATION			474-77-49
114052	TRAFFIC SAFETY LIAISON PROGRAM FOR 2011-2012			
	3/3/08 to 2/29/12	RESEARCH		
	SPERRY, ROBERT		INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$52,383	KITOZYME			400-23-45
113997	IMMUNOMODULATORY EFFECTS OF GLUCAN COMPOUNDS PRODUCED BY KITOZYME (PHASE I: SCREENING OF PROVIDED COMPOUNDS IN VITRO)			
	1/1/11 to 12/31/11	RESEARCH		
	PALIC, DUSAN		BIOMEDICAL SCIENCES-VET	
CO-PI	KIMURA, KAYOKO		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
CO-PI	ROTH, JAMES		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$52,304	DARTMOUTH COLLEGE			404-17-77
98346	PSYCHOLOGICAL AND BEHAVIORAL PREDICTORS OF HPV VACCINATION IN AFRICAN AMERICAN WOMEN			
	4/1/09 to 12/31/11	RESEARCH		
	CUTRONA, CAROLYN		PSYCHOLOGY-LAS	
\$50,000	SPECTRAL SCIENCES, INC			404-21-65
106885	PHASE II STTR: COMPUTATIONAL PREDICTION OF KINETIC RATE CONSTANTS FOR CONDENSED PHASES			
	1/1/11 to 12/1/12	RESEARCH		
	WINDUS, THERESA		CHEMISTRY-LAS	
\$50,000	CHEVRON PHILLIPS CHEMICAL COMPANY			400-72-04
113648	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP			
	9/1/10 to 8/31/11	RESEARCH		
	SHANKS, BRENT		NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	
\$50,000	LESAFFRE YEAST CORPORATION			400-72-04
114366	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP			
	2/1/11 to 1/31/12	RESEARCH		
	SHANKS, BRENT		NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	

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\$50,000	DSM PERFORMANCE MATERIALS			400-72-04
114385	CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP			
	1/1/11 to 12/31/11	RESEARCH		
	SHANKS, BRENT		NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	
\$45,764	IOWA CORN PROMOTION BOARD			451-40-01
111887	SUPPLEMENTATION OF THE ANTIOXIDANT VITAMIN C TO FEEDLOT CATTLE CONSUMING HIGH DISTILLER'S GRAINS DIETS			
	7/1/10 to 11/30/11	RESEARCH		
	HANSEN, STEPHANIE		ANIMAL SCIENCE-AES/CALS	
\$42,640	IOWA DEPARTMENT OF EDUCATION			472-28-13
111314	EARLY CHILDHOOD ASSESSMENT SURVEY INSTRUMENT			
	10/1/10 to 6/30/11	RESEARCH		
	PORTER, STEPHEN		EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS	
\$40,676	IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP			471-30-39
114183	IMPACTS OF CROP, BIOMASS HARVEST SYSTEMS, AND NUTRIENT MANAGEMENT ON SOIL AND PHOSPHORUS LOSS WITH SURFACE RUNOFF PROJECT			
	1/1/11 to 12/31/12	EXTENSION/PUBLIC		
	MALLARINO, ANTONIO		AGRONOMY-EXT	
CO-PI	HELMERS, MATTHEW		AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT	
\$40,500	NATIONAL SCIENCE FOUNDATION			420-18-03
90658	GRADUATE RESEARCH FELLOWSHIP PROGRAM			
	8/15/07 to 7/31/12	RESEARCH		
	HOLGER, DAVID		GRADUATE COLLEGE	
\$40,000	UNITED STATES GOLF ASSOCIATION			400-42-17
111871	DISCOVERY OF NOVEL GENES IN CREEPING BENTGRASS BY HIGH THROUGHPUT GENE SILENCING WITH SPECIALIZED INVERTED REPEAT CDNA LIBRARIES			
	9/7/10 to 9/6/12	RESEARCH		
	FEI, SHUIZHANG		HORTICULTURE-AES/CALS	
CO-PI	YIN, YANHAI		GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	

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\$37,500	IOWA DEPARTMENT OF TRANSPORTATION	474-17-77
113091	EVALUATION OF MITIGATION FOR SAFETY CONCERNS ON LOW-VOLUME UNPAVED RURAL ROADS IN IOWA	
	3/15/11 to 12/15/12 RESEARCH	
	MCDONALD, THOMAS INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	SPERRY, ROBERT INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$37,000	TEXAS A&M UNIVERSITY	404-23-15
111019	FAZD CENTER DETAILED WORK PLANS FOR FISCAL YEARS 2011 (YR 1) CREATE AND DEMONSTRATE THE SECURE EGG SUPPLY "COMPONENT" TO THE FAZD DASHBOARD	
	9/1/10 to 6/30/11 EXTENSION/PUBLIC	
	ROTH, JAMES VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$35,000	SPIRIT AEROSYSTEMS	400-25-19
114355	INDUSTRY/UNIVERSITY COOPERATIVE RESEARCH PROGRAM, CNDE MEMBERSHIP	
	1/1/11 to 12/31/11 RESEARCH	
	THOMPSON, R. CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
\$34,620	DEPARTMENT OF AGRICULTURE, ARS	419-49-57
113075	RESEARCH SUPPORT AGREEMENT	
	1/1/10 to 9/30/11 RESEARCH	
	LEWIS, LES ENTOMOLOGY-AES/CALS	
\$33,844	PRATT & WHITNEY	400-65-12
113389	POD FOR PHASED ARRAY INSPECTION OF AL 7255 BILLETS	
	2/1/11 to 3/31/11 RESEARCH	
	BRASCHE, LISA CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
CO-PI	GRAY, TIMOTHY CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
CO-PI	MEEKER, WILLIAM STATISTICS-LAS	
\$32,465	UNITED SORGHUM CHECKOFF PROGRAM	459-40-37
113661	ASSOCIATION STUDY OF CAROTENOID GENES AND THEIR EFFECT ON C ASSIMILATION AND PHOTOPROTECTION	
	1/1/11 to 12/31/11 RESEARCH	
	SALAS-FERNANDEZ, MARIA AGRONOMY-AES/CALS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$31,103	DEPARTMENT OF AGRICULTURE, ARS			419-40-17
105185	RISK OF WESTERN CORN ROOTWORM ADAPTATION TO TRANSGENIC CORN			
	5/18/10 to 2/28/13	RESEARCH		
	GASSMANN, AARON		ENTOMOLOGY-AES/CALS	
\$30,000	ROBYT, JOHN			400-21-01
104669	CHEMICAL AND ENZYMATIC MODIFICATION AND CARBOHYDRATES			
	7/1/08 to 6/30/99	RESEARCH		
	HONZATKO, RICHARD		BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	
\$30,000	UNIVERSITY OF NEBRASKA, LINCOLN			410-30-80
113581	COOPERATIVES COMMUNITY OF PRACTICE			
	9/1/10 to 12/31/11	EXTENSION/PUBLIC		
	HANSEN, RAYMOND		VALUE ADDED AGRICULTURE-EXT	
	CO-PI SCHULTZ, MADELINE		VALUE ADDED AGRICULTURE-EXT	
\$30,000	SPECTRAL ENERGIES, LLC			404-20-97
114361	MECHANISM AND MODEL-BASED IMPROVEMENT OF ENERGETIC ALUMINUM NANOPARTICLES			
	1/20/11 to 9/15/11	RESEARCH		
	LEVITAS, VALERY		AEROSPACE ENGINEERING-ENGR	
\$28,686	UNIVERSITY OF NORTHERN IOWA			475-28-33
108078	CEESTEEM: THE CENTER FOR EARLY EDUCATION IN SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS			
	8/1/10 to 12/31/10	RESEARCH		
	HEGLAND, SUSAN		HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
\$25,000	DEPARTMENT OF DEFENSE, AFRL			421-20-40
97678	ADAPTIVE GUIDANCE FOR RESPONSIVE LAUNCH AND OPERATIONS			
	2/10/11 to 9/28/12	RESEARCH		
	LU, PING		AEROSPACE ENGINEERING-ENGR	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$25,000	IOWA VETERINARY MEDICAL ASSOCIATION			400-23-43
113352	USE OF AN IMPLANTABLE DEVICE FOR IN VIVO DETECTION MYCOBACTERIUM AVIUM PARATUBERCULOSIS (MAP) IN ASYMPTOMATIC CALVES	10/31/10 to 10/31/11	RESEARCH	
	HOSTETTER, JESSE		VETERINARY PATHOLOGY-VET	
CO-PI	JONES, DOUGLAS		VETERINARY PATHOLOGY-VET	
\$25,000	ITC MIDWEST, LLC			400-60-12
114174	EPRC SUPPORT	1/1/11 to 12/31/11	RESEARCH	
	MCCALLEY, JAMES		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$24,657	DEPARTMENT OF AGRICULTURE, NIFA			416-40-19
97419	SWINE PRODUCTION MANAGER CERTIFICATION AND ASSOCIATES DEGREE DELIVERED VIA DISTANCE EDUCATION	7/1/09 to 6/30/11	EXTENSION/PUBLIC	
	MEISINGER, DAVID		U.S. PORK CENTER OF EXCELLENCE-AES	
\$23,000	VETERANS ADMINISTRATION			428-23-10
114060	PREVENTION OF HEMORRHAGE AND DEATH AFTER TRAUMATIC BLAST INJURY (TBI)	1/3/11 to 5/15/11	RESEARCH	
	GROZDANIC, SINISA		VETERINARY CLINICAL SCIENCES-VET	
\$21,670	VETERANS ADMINISTRATION			428-17-05
106240	IMPROVING THE DELIVERY OF SMOKING CESSATION GUIDELINES IN HOSPITALIZED VETERANS	11/1/09 to 12/31/11	RESEARCH	
	HUCK, SHIRLEY		SURVEY AND BEHAVIORAL RESEARCH SERVICES-VPR/ED	
\$20,000	COTTON, INC			400-21-31
113390	THE GENOMIC CONSEQUENCES OF POLYPLOIDY IN TWO AGRONOMICALLY IMPORTANT COTTON SPECIES	8/1/11 to 12/31/11	RESEARCH	
	WENDEL, JONATHAN		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
CO-PI	GROVER, CORRINNE		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY	

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\$18,551	DEPARTMENT OF AGRICULTURE, ARS			419-49-67
113129	RESEARCH SUPPORT AGREEMENT			
	1/1/10 to 9/30/11	RESEARCH		
	LEWIS, LES		ENTOMOLOGY-AES/CALS	
\$18,000	IOWA STATE UNIVERSITY RESEARCH FOUNDATION			405-20-01
114063	CALCIUM POWDER PRODUCTION PROJECT			
	1/1/11 to 6/30/11	RESEARCH		
	RUSSELL, ALAN		MATERIALS SCIENCE & ENGINEERING-ENGR	
\$15,000	FLORIDA STATE COLLEGE AT JACKSONVILLE			404-28-22
114163	DELTA: DISSEMINATING EFFECTIVE LEARNING THROUGH AUTOMATION			
	4/1/10 to 9/30/12	RESEARCH		
	HAGEDORN, LINDA		EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS	
\$15,000	KEMIN INDUSTRIES, INC			400-65-05
114262	PRELIMINARY STUDIES ON THE REPLACEMENT OF VERMICULITE AND PERLITE WITH BIOCHAR IN A SOILLESS GREENHOUSE SUBSTRATE			
	1/24/11 to 8/31/11	RESEARCH		
	GLADON, RICHARD		HORTICULTURE-AES/CALS	
CO-PI	LAIRD, DAVID		AGRONOMY-AES/CALS	
CO-PI	MUMM, LYNNE		INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VPF	
\$14,740	IOWA ARMY NATIONAL GUARD			478-40-38
114372	NATURAL RESOURCE INVENTORY AND UPDATE			
	1/1/11 to 12/31/11	RESEARCH		
	MCMULLEN, CATHERINE		NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$14,424	DEPARTMENT OF DEFENSE, ACE			421-20-41
106830	WATER QUALITY STUDY, RED ROCK RESERVOIR (OPTION YEAR 1)			
	2/3/11 to 2/28/11	RESEARCH		
	LUTZ, DONNA		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	ONG, SAY		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$10,455	DEPARTMENT OF DEFENSE, ONR			421-21-24
97671	TOWARDS SECURE AND PRIVACY-PRESERVING DEPLOYMENT AND ACCESS OF LARGE TACTICAL SENSOR NETWORKS			
	6/1/09 to 5/31/12	RESEARCH		
	ZHANG, WENSHENG		COMPUTER SCIENCE-LAS	
\$10,000	UNIVERSITY OF IOWA			475-20-08
113089	OPTIMIZE THE NANOCOMPOSITE PROPERTIES			
	10/1/10 to 6/30/11	MISCELLANEOUS		
	LIN, ZHIQUN		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
CO-PI	MALLAPRAGADA, S.		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$9,968	DEPARTMENT OF DEFENSE, ACE			421-20-42
106825	WATER QUALITY STUDY, SAYLORVILLE RESERVOIR (OPTION YEAR 1)			
	2/3/11 to 2/28/11	RESEARCH		
	LUTZ, DONNA		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	ONG, SAY		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$9,950	NATIONAL SCIENCE FOUNDATION			420-21-53
113659	SEX CHROMOSOME EVOLUTION IN TURTLES			
	2/7/11 to 12/31/11	RESEARCH		
	VALENZUELA-CASTRO, MARIA		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$9,421	UNIVERSITY OF NEBRASKA			410-40-69
107392	COLLABORATIVE PROPOSAL DEVELOPMENT FOR CONNECTING FARM AND COMMUNITY			
	9/1/10 to 7/31/11	RESEARCH		
	WELLS, BETTY		SOCIOLOGY-AES/CALS	
\$7,631	CENTERVILLE COMMUNITY SCHOOLS			400-30-46
113863	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM			
	9/1/10 to 8/31/11	EXTENSION/PUBLIC		
	LEVINGS, JUDITH		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$7,200	UNIVERSITY OF IOWA				475-40-53
113355	INVESTIGATE THE EFFICACY OF BIOFILTERS IN THE REMOVAL OF MRSA VIRUS EMISSION FROM SWINE FINISHING FACILITIES				
	4/1/10 to 3/31/11	RESEARCH			
	HOFF, STEVEN		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS		
\$5,748	KEMIN INDUSTRIES, INC				400-41-70
114176	PRELIMINARY STUDIES ON THE INOCULATION OF A SOILLESS GREENHOUSE SUBSTRATE WITH PB-6				
	1/1/11 to 8/15/11	RESEARCH			
	GLADON, RICHARD		HORTICULTURE-AES/CALS		
\$5,635	ADAIR COUNTY AGRICULTURAL EXTENSION DISTRICT				400-30-46
114325	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM				
	9/1/10 to 8/31/11	EXTENSION/PUBLIC			
	LEVINGS, JUDITH		EXTENSION 4-H YOUTH DEVELOPMENT-EXT		
\$5,550	FAMILY, INC				400-30-46
114515	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM				
	9/1/10 to 8/31/11	EXTENSION/PUBLIC			
	LEVINGS, JUDITH		EXTENSION 4-H YOUTH DEVELOPMENT-EXT		
\$5,000	UNIVERSITY OF MINNESOTA				400-41-74
114301	2010 LITERATURE REVIEW GALACTOOLIGOSACCHARIDES: A VALUABLE PREBIOTIC FROM CHEESE WHEY PERMEATE AND ITS HEALTH IMPLICATIONS				
	6/1/10 to 12/31/10	RESEARCH			
	LAMSAL, BUDDHI		FOOD SCIENCE & HUMAN NUTRITION-AES/CALS		
\$4,600	AJINOMOTO USA, INC				400-41-08
111604	AJINOMOTO BIOSTIMULANT TRIAL 2010				
	8/28/10 to 2/28/11	RESEARCH			
	CHRISTIANS, NICK		HORTICULTURE-AES/CALS		

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\$4,000	SMITHSONIAN ASTROPHYSICAL OBSERVATORY, SMITHSONIAN INSTITUTION	404-21-64
111915	UNIDENTIFIED TEV SOURCE IN THE GAMMA-CYGNI SNR	
	1/10/11 to 1/9/13 RESEARCH	
	WEINSTEIN, AMANDA PHYSICS & ASTRONOMY-LAS	
\$4,000	IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP	471-30-11
114188	IOWA LEARNING FARMS 2011	
	1/1/11 to 12/31/11 EXTENSION/PUBLIC	
	MORTON, LOIS SOCIOLOGY-EXT	
CO-PI	CRUSE, RICHARD AGRONOMY-EXT	
CO-PI	DUFFY, MICHAEL ECONOMICS-EXT	
CO-PI	HELMERS, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT	
CO-PI	COMITO, JACQUELINE SOCIOLOGY-EXT	
CO-PI	HANNA, H. AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT	
\$3,000	AMERICAN COUNCILS FOR INTERNATIONAL EDUCATION	433-21-01
114333	HOSTING SCHOLARS FROM EASTERN EUROPE	
	1/13/11 to 5/16/11 INSTRUCTION/TRAINING	
	MESROPOVA, OLGA WORLD LANGUAGES & CULTURES-LAS	
\$2,945	ADAIR COUNTY AGRICULTURAL EXTENSION DISTRICT	400-30-46
114325	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/10 to 8/31/11 EXTENSION/PUBLIC	
	LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$2,775	FRIENDLY HOUSE	400-30-46
114326	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/10 to 8/31/11 EXTENSION/PUBLIC	
	LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$2,730	IOWA DEPARTMENT OF NATURAL RESOURCES		473-21-12
111054	PHASE 1 ARCHAEOLOGICAL SURVEY		
	7/1/10 to 6/30/11	EXTENSION/PUBLIC	
	HILL, MATTHEW	ANTHROPOLOGY-LAS	
\$2,000	HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES, INC		404-20-04
114091	SENIOR DESIGN PROJECT		
	1/1/11 to 12/31/11	RESEARCH	
	GOVINDARASU, MANIMARAN	ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$1,998	DEPARTMENT OF AGRICULTURE, ARS		419-42-05
105513	RESEARCH SUPPORT AGREEMENT		
	10/1/09 to 9/30/10	RESEARCH	
	LAMKEY, KENDALL	AGRONOMY-AES/CALS	
\$1,500	DEPARTMENT OF EDUCATION		432-57-70
105118	PELL GRANT, FY10		
	7/1/09 to 6/30/10	STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA	STUDENT FINANCIAL AID-VPSA	
\$1,482	DEPARTMENT OF AGRICULTURE, ARS		419-42-26
111968	RESEARCH SUPPORT AGREEMENT		
	1/1/09 to 9/30/10	RESEARCH	
	LAMKEY, KENDALL	AGRONOMY-AES/CALS	
\$1,440	DEPARTMENT OF AGRICULTURE, ARS		419-42-06
105515	RESEARCH SUPPORT AGREEMENT		
	10/1/09 to 9/30/10	RESEARCH	
	LAMKEY, KENDALL	AGRONOMY-AES/CALS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$1,388	COMMUNITY FOUNDATION OF GREAT RIVER BEND	400-30-46
111925	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/10 to 8/31/11 EXTENSION/PUBLIC	
	LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,388	CLAY COUNTY AGRICULTURAL EXTENSION DISTRICT	400-30-46
113377	LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM	
	9/1/10 to 8/31/11 EXTENSION/PUBLIC	
	LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,322	DEPARTMENT OF AGRICULTURE, ARS	419-42-03
105511	RESEARCH SUPPORT AGREEMENT	
	10/1/09 to 9/30/10 RESEARCH	
	LAMKEY, KENDALL AGRONOMY-AES/CALS	
\$1,239	DEPARTMENT OF AGRICULTURE, ARS	419-42-04
105512	RESEARCH SUPPORT AGREEMENT	
	1/1/09 to 9/30/10 RESEARCH	
	LAMKEY, KENDALL AGRONOMY-AES/CALS	
\$1,202	DEPARTMENT OF AGRICULTURE, ARS	419-42-01
105508	RESEARCH SUPPORT AGREEMENT	
	10/1/09 to 9/30/10 RESEARCH	
	LAMKEY, KENDALL AGRONOMY-AES/CALS	
\$771	DEPARTMENT OF AGRICULTURE, ARS	419-42-02
105510	RESEARCH SUPPORT AGREEMENT	
	10/1/09 to 9/30/10 RESEARCH	
	LAMKEY, KENDALL AGRONOMY-AES/CALS	

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\$732	HARRISON COUNTY REC			400-61-61
113988	PHASE 1A ARCHAEOLOGICAL SURVEY			
	1/3/11 to 3/1/11	EXTENSION/PUBLIC		
	HILL, MATTHEW		ANTHROPOLOGY-LAS	
\$718	DEPARTMENT OF AGRICULTURE, ARS			419-42-08
105729	RESEARCH SUPPORT AGREEMENT			
	1/1/09 to 9/30/10	RESEARCH		
	LEWIS, LES		ENTOMOLOGY-AES/CALS	
\$424	DEPARTMENT OF AGRICULTURE, ARS			419-42-23
105521	RESEARCH SUPPORT AGREEMENT			
	10/1/09 to 9/30/10	RESEARCH		
	LAMKEY, KENDALL		AGRONOMY-AES/CALS	
\$176	DEPARTMENT OF AGRICULTURE, ARS			419-42-11
105517	RESEARCH SUPPORT AGREEMENT			
	10/1/09 to 9/30/10	RESEARCH		
	LAMKEY, KENDALL		AGRONOMY-AES/CALS	
\$126	DEPARTMENT OF AGRICULTURE, ARS			419-42-25
113059	RESEARCH SUPPORT AGREEMENT			
	8/16/10 to 9/30/10	RESEARCH		
	LAMKEY, KENDALL		AGRONOMY-AES/CALS	