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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$4,909,264	DEPARTMENT OF AGRICULTURE, NIFA			602-40-00
105938	USDA Hatch Act Research FY10			
	10/1/09 to 9/30/10	RESEARCH		
	WINTERSTEEN, WENDY		AGRICULTURE & HOME ECONOMICS EXPERIMENT STATION-AES/CALS	
\$1,462,698	NATIONAL SCIENCE FOUNDATION			420-40-71
92643	Metabolomics: A Functional Genomics Tool for Deciphering Functions of Arabidopsis Genes in the Context of Metabolic and Regulatory Networks			
	3/1/09 to 2/28/11	RESEARCH		
	NIKOLAU, BASIL		BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES	
CO-PI	WURTELE, EVE		GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
CO-PI	DIXON, PHILIP		STATISTICS-LAS	
CO-PI	DICKERSON, JULIE		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$1,459,460	BILL AND MELINDA GATES FOUNDATION			400-41-27
104632	Seed Policy Enhancement in African Regions			
	5/21/10 to 4/30/13	RESEARCH		
	CORTES, JOSEPH		SEED SCIENCE CENTER-AES/CALS	
CO-PI	HARRIES, ADELA IDA		SEED SCIENCE CENTER-AES/CALS	
CO-PI	MISRA, MANJIT		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$1,287,284	DEPARTMENT OF ENERGY			401-25-01
93016	Operating and Management Support for the Ames Laboratory			
	11/1/08 to 9/30/10	RESEARCH		
	KING, ALEXANDER		AMES LABORATORY	
\$1,250,000	IOWA STATE UNIVERSITY RESEARCH FOUNDATION			405-17-04
104412	Research Enhancement			
	12/31/09 to 12/31/99	RESEARCH		
	QUISENBERRY, SHARRON		VICE PRESIDENT FOR RESEARCH & ECONOMIC DEVELOPMENT-VPR/ED	
\$1,000,000	NATIONAL ACADEMIES			428-17-18
105336	Roadway Information Database Development and Technical Coordination			
	4/28/10 to 7/27/12	RESEARCH		
	SMADI, OMAR		INSTITUTE FOR TRANSPORTATION-VPR/ED	

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\$1,000,000	NATIONAL ACADEMIES		428-17-18
105336	Roadway Information Database Development and Technical Coordination		
	4/28/10 to 7/27/12	RESEARCH	
CO-PI	HANS, ZACHARY	INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	HALLMARK, SHAUNA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	SOULEYRETTE, REGINALD	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$855,442	DEPARTMENT OF ENERGY		401-25-01
93016	Operating and Management Support for the Ames Laboratory		
	11/1/08 to 9/30/10	RESEARCH	
	KING, ALEXANDER	AMES LABORATORY	
\$558,401	DEPARTMENT OF AGRICULTURE, NIFA		416-40-47
106533	Protein Utilization, IA: Advanced Soybean Refineries, Year 3		
	9/1/10 to 8/31/11	RESEARCH	
	JOHNSON, LAWRENCE	FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
CO-PI	MURPHY, PATRICIA	FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
CO-PI	GLATZ, CHARLES	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
CO-PI	JUNG, STEPHANIE	FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
CO-PI	WANG, TONG	FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
CO-PI	PERSIA, MICHAEL	ANIMAL SCIENCE-AES/CALS	
\$963,820	IOWA DEPARTMENT OF NATURAL RESOURCES		473-42-01
77888	Leopold Center Support		
	8/1/09 to 11/30/09	RESEARCH	
	DEWITT, JERALD	LEOPOLD CENTER-AES/CALS	
	DEWITT, JERALD	LEOPOLD CENTER-AES/CALS	
\$438,345	DEPARTMENT OF AGRICULTURE, NIFA		416-40-46
107347	Midwest Poultry Research Program		
	8/1/10 to 7/31/11	RESEARCH	
	XIN, HONGWEI	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	LI, HONG	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	

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\$438,345 DEPARTMENT OF AGRICULTURE, NIFA

416-40-46

107347 Midwest Poultry Research Program

8/1/10 to 7/31/11 RESEARCH

CO-PI IBARBURU-BLANC, MARO ANIMAL SCIENCE-AES/CALS
CO-PI MILLMAN, SUZANNE VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET
CO-PI BREHM-STECHER, BYRON FOOD SCIENCE & HUMAN NUTRITION-HS
CO-PI PERSIA, MICHAEL ANIMAL SCIENCE-AES/CALS

\$434,429 NATIONAL SCIENCE FOUNDATION

420-72-01

104052 Neco, GK-12: Growing the Green Collar Workforce for the 21st Century

6/1/10 to 5/31/11 FELLOWSHIP

NIKOLAU, BASIL BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS
CO-PI LESHEM-ACKERMAN, ADAH ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS
CO-PI SCHMIDT, DENISE CENTER FOR TECHNOLOGY IN LEARNING & TEACHING-HS
CO-PI DOBBS, DRENA GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS

\$381,072 DEPARTMENT OF HOMELAND SECURITY

428-40-02

93484 Development of U.S. Capability to Detect and Accurately Identify Threatening Plant Pathogens

9/30/08 to 9/30/11 RESEARCH

NUTTER, FORREST PLANT PATHOLOGY-CALS

\$354,007 NATIONAL INSTITUTES OF HEALTH

440-21-01

92813 Stem Cell-mediated Delivery of Neurotrophic Factors for Treatment of Glaucoma

6/1/10 to 5/31/11 RESEARCH

SAKAGUCHI, DONALD GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS
CO-PI GROZDANIC, SINISA VETERINARY CLINICAL SCIENCES-VET

\$332,619 DEPARTMENT OF AGRICULTURE, NIFA

620-30-89

96706 Civil Service Retirement System (CSRS) Formula Grant FY08

10/1/07 to 9/30/08 EXTENSION/PUBLIC

PAYNE, JACK EXTENSION ADMINISTRATION-EXT
CO-PI HOLZ-CLAUSE, MARY EXTENSION ADMINISTRATION-EXT

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$325,734	DEPARTMENT OF AGRICULTURE, NIFA		416-40-48
106539	New Century Farm, IA (BCRF)		
	9/1/10 to 8/31/11	RESEARCH	
	JOHNSON, LAWRENCE	FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
CO-PI	DARR, MATTHEW	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	BROWN, ROBERT	MECHANICAL ENGINEERING-ENGR	
CO-PI	MOORE, KENNETH	AGRONOMY-AES/CALS	
CO-PI	BIRRELL, STUART	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	COLLETTI, JOE	AGRICULTURE & HOME ECONOMICS EXPERIMENT STATION-AES/CALS	
\$325,431	NATIONAL INSTITUTES OF HEALTH		430-21-45
94529	Structural Studies of a T Cell Specific Tyrosine Kinase		
	5/1/10 to 4/30/11	RESEARCH	
	ANDREOTTI, AMY	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	
\$322,147	NATIONAL INSTITUTES OF HEALTH		430-21-08
90055	Regulation of T Cell Signaling: Structural Studies of PLCG1		
	5/1/08 to 4/30/11	RESEARCH	
	ANDREOTTI, AMY	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY	
\$313,465	NATIONAL INSTITUTES OF HEALTH		430-23-34
85626	Intermediate Cerebellum in Adaptive Reflex Control		
	5/1/10 to 4/30/11	RESEARCH	
	BRACHA, VLASTISLAV	BIOMEDICAL SCIENCES	
\$310,066	NATIONAL INSTITUTES OF HEALTH		430-21-46
82970	Regulatory Enzymes of Glycolysis and Gluconeogenesis		
	5/1/10 to 4/30/11	RESEARCH	
	HONZATKO, RICHARD	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY	
\$308,878	DEPARTMENT OF AGRICULTURE, NIFA		418-30-00
105340	2009 Civil Service Retirement System (CSRS) Formula Grant		
	10/1/08 to 9/30/09	EXTENSION/PUBLIC	
	PAYNE, JACK	EXTENSION ADMINISTRATION-EXT	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$308,878 DEPARTMENT OF AGRICULTURE, NIFA

418-30-00

105340 2009 Civil Service Retirement System (CSRS) Formula Grant

10/1/08 to 9/30/09 EXTENSION/PUBLIC
CO-PI HOLZ-CLAUSE, MARY EXTENSION ADMINISTRATION-EXT

\$307,618 CORPORATION FOR PUBLIC BROADCASTING

400-12-02

105786 FY10 Community Service Grant

10/1/09 to 9/30/11 DEPT/ADMIN SUPPORT
WITH, DONALD WOI RADIO-VPBF

\$303,932 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

\$300,000 NATIONAL SCIENCE FOUNDATION

420-60-39

104948 Virtual Melting and Amorphization as Mechanisms of Plastic Flow, Fracture and Phase Transformations

7/1/10 to 6/30/13 RESEARCH
LEVITAS, VALERY MECHANICAL ENGINEERING-ENGR

\$280,341 NATIONAL SCIENCE FOUNDATION

420-60-38

105178 Modeling the Formation of Self-ordered Nanoporous Anodic Oxides

8/12/10 to 7/31/13 RESEARCH
HEBERT, KURT CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
CO-PI HONG, WEI AEROSPACE ENGINEERING-ENGR
CO-PI SHROTRIYA, PRANAV MECHANICAL ENGINEERING-ENGR

\$280,000 NATIONAL SCIENCE FOUNDATION

420-60-42

105191 Study of Microburst Winds and Their Loading Effects on Built Structures

6/1/10 to 5/31/13 RESEARCH
SARKAR, PARTHA AEROSPACE ENGINEERING-ENGR
CO-PI HU, HUI AEROSPACE ENGINEERING-ENGR

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$279,965 NATIONAL SCIENCE FOUNDATION

420-60-37

105223 High-resolution Electrical Sensing of Surface Charges and Currents of Living Cells

8/15/10 to 7/31/13 RESEARCH

CO-PI PANDEY, SANTOSH
MARTIN, RICHARD

ELECTRICAL & COMPUTER ENGINEERING-ENGR
BIOMEDICAL SCIENCES-VET

\$277,339 DEPARTMENT OF AGRICULTURE, NIFA

416-40-44

106805 Food and Fuel Initiative: Iowa

9/1/10 to 8/31/11 RESEARCH

MISRA, MANJIT

AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

\$275,756 NATIONAL INSTITUTES OF HEALTH

430-21-14

91317 Solid-state NMR of Antimicrobial and Cationic Membrane Peptides

5/1/10 to 4/30/11 RESEARCH

HONG, MEI

CHEMISTRY

\$260,565 NATIONAL INSTITUTES OF HEALTH

430-23-37

85503 Mechanisms of Antibiotic Efflux in Campylobacter

6/1/10 to 5/31/11 RESEARCH

CO-PI ZHANG, QIJING
YU, EDWARD

VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE
PHYSICS & ASTRONOMY

\$250,000 FEDERAL AVIATION ADMINISTRATION

437-65-50

107721 Generation of Probability of Detection (POD) Curves for Ultrasonic Detection of Simulated Hard Alpha Inclusions in Titanium Forgings

2/19/08 to 12/31/11 RESEARCH

CO-PI BRASCHE, LISA
THOMPSON, R.
CO-PI GRAY, TIMOTHY

AIRWORTHINESS ASSURANCE CENTER OF EXCELLENCE - IPRT-VPR/ED
MATERIALS SCIENCE & ENGINEERING-ENGR
CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED

\$248,999 NATIONAL INSTITUTES OF HEALTH

430-46-11

106914 Glutathione S-transferase Signaling in VCD-induced Ovotoxicity

5/10/10 to 4/30/11 RESEARCH

KEATING, AILEEN

ANIMAL SCIENCE-AES/CALS

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\$247,500 DEPARTMENT OF AGRICULTURE, APHIS

412-05-37

107692 Development of Operational Guidelines for Vaccination for Foot and Mouth Disease, Vaccination for Classical Swine Fever, and Vaccination for Avian Influenza
5/7/10 to 5/6/11 EXTENSION/PUBLIC
ROTH, JAMES VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

\$243,060 NATIONAL INSTITUTES OF HEALTH

430-46-17

85445 Regulatory Circuits that Control Transcriptional Responses to Hypoxia
6/1/10 to 5/31/11 RESEARCH
POWELL-COFFMAN, JO GENETICS, DEVELOPMENT & CELL BIOLOGY

\$238,459 DEPARTMENT OF AGRICULTURE, NIFA

620-30-90

96708 Federal Employee Retirement System (FERS) Formula Grant FY08
10/1/07 to 9/30/08 EXTENSION/PUBLIC
PAYNE, JACK EXTENSION ADMINISTRATION-EXT
CO-PI HOLZ-CLAUSE, MARY EXTENSION ADMINISTRATION-EXT

\$227,393 FEDERAL HIGHWAY ADMINISTRATION

436-17-22

107622 Deicer Scaling Resistance of Concrete Mixtures Containing Slag Cement
5/26/10 to 11/25/11 RESEARCH
TAYLOR, PETER INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

\$214,981 DEPARTMENT OF AGRICULTURE, NIFA

620-30-90

105323 2009 Federal Employee Retirement System (FERS) Formula Grant
10/1/08 to 9/30/09 EXTENSION/PUBLIC
PAYNE, JACK EXTENSION ADMINISTRATION-EXT
CO-PI HOLZ-CLAUSE, MARY EXTENSION ADMINISTRATION-EXT

\$186,525 BOEING COMPANY

400-25-91

107125 Visualization of Multidisciplinary Design Data
5/3/10 to 12/22/10 RESEARCH
OLIVER, JAMES MECHANICAL ENGINEERING-ENGR
CO-PI WINER, ELIOT MECHANICAL ENGINEERING-ENGR

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\$175,032 DEPARTMENT OF AGRICULTURE, NIFA

416-44-24

106464 International Competitiveness and Marketability of Midwest Agribusiness Products

7/1/10 to 6/30/12 RESEARCH
BABCOCK, BRUCE ECONOMICS-AES/CALS

\$167,200 DEPARTMENT OF AGRICULTURE, APHIS

412-05-38

107482 Development of Cow-calf Facility Manual for Members of the National Animal Health Emergency Response Corps

5/7/10 to 5/6/11 EXTENSION/PUBLIC
ROTH, JAMES VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET
CO-PI DEWELL, RENEE VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

\$160,990 IOWA DEPARTMENT OF TRANSPORTATION

474-17-49

106179 Planning, Implementation, and Operation of the Iowa Pavement Management Program

11/1/07 to 12/31/10 RESEARCH
SMADI, OMAR INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

\$156,160 RUTGERS UNIVERSITY

404-21-94

98367 Understanding and Combating the Fire-enhancing Impact of Non-native Annuals in Desert Scrub Through the Tools of Population and Landscape Ecology

2/19/10 to 2/18/14 RESEARCH
MOLONEY, KIRK ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

\$150,528 NATIONAL SCIENCE FOUNDATION

420-61-20

99031 CPATH I: Experimenting with an Open Platform for the New Interdisciplinary Study on Gerontechnology

9/1/09 to 8/31/11 INSTRUCTION/TRAINING
CHANG, CARL COMPUTER SCIENCE-LAS
CO-PI WONG, JOHNNY COMPUTER SCIENCE-LAS
CO-PI MITRA, SIMANTA COMPUTER SCIENCE-LAS
CO-PI MARTIN, PETER HUMAN DEVELOPMENT & FAMILY STUDIES-HS
CO-PI SHELLEY, MACK STATISTICS-LAS

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\$148,532	UNIVERSITY OF ILLINOIS		404-17-72
90475	Theoretical Foundations and Design of Self-healing and Fast-recovery Strategies for Network Infrastructure Protection		
	2/19/08 to 2/18/11	RESEARCH	
	YING, LEI	ELECTRICAL & COMPUTER ENGINEERING	
\$148,000	WASHINGTON UNIVERSITY		404-21-95
105911	MRCE Developmental Project Grant Program RFA Optimization and Characterization of Inhibitors that Target Ebola Replication		
	3/1/10 to 2/28/11	RESEARCH	
	AMARASINGHE, GAYA	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	
\$147,313	WASHINGTON UNIVERSITY		444-21-03
104500	MRI-R2 Consortium: Development of an Electrostatic Levitation Facility for Neutron Scattering Studies of Liquids to be Used in Fundamental Research and Education		
	4/1/10 to 3/31/11	RESEARCH	
	GOLDMAN, ALAN	PHYSICS & ASTRONOMY-LAS	
\$146,505	SOUTH DAKOTA STATE UNIVERSITY		410-31-01
99528	Emission Measurement and Comparison with Management Techniques for Beef Deep-bedded Mono-slope Facilities		
	3/15/10 to 2/14/13	EXTENSION/PUBLIC	
	LAWRENCE, JOHN	EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	
CO-PI	KOHL, KRIS	EXTENSION AREA - NORTHWEST-EXT	
CO-PI	RIECK-HINZ, ANGELA	AGRONOMY-AES/CALS	
CO-PI	DORAN, BETH	EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	
\$144,168	ZINPRO CORPORATION		400-41-20
106520	The Effects of Supplemental Organic Zinc on Production, Metabolism, and Health in Lactating Holstein Cows		
	4/1/10 to 2/1/12	RESEARCH	
	BAUMGARD, LANCE	ANIMAL SCIENCE-AES/CALS	
\$140,000	DEPARTMENT OF AGRICULTURE, NIFA		417-30-14
105700	Iowa Sustainable Communities Project		
	5/15/07 to 5/14/11	EXTENSION/PUBLIC	
	WOODS, BARBARA	EXTENSION TO FAMILIES-EXT	
CO-PI	MORRIS, JOHN	EXTENSION 4-H YOUTH DEVELOPMENT-EXT	

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\$135,438	NATIONAL SCIENCE FOUNDATION			420-71-08
105249	Hopf Algebras, Frobenius–Schur Indicators and Modular Categories			
	7/1/10 to 6/30/13	RESEARCH		
	NG, SIU-HUNG		MATHEMATICS-LAS	
\$132,933	NATIONAL SCIENCE FOUNDATION			420-71-04
97311	RI: Small: Robot Grasping of Deformable Objects			
	7/15/09 to 6/30/11	RESEARCH		
	JIA, YAN-BIN		COMPUTER SCIENCE-LAS	
\$132,619	NATIONAL SCIENCE FOUNDATION			420-20-93
91708	Surface Plasmon Resonance Spectroscopy by Tunable Enhanced Light Transmission through Nanostructured Gratings			
	7/1/08 to 6/30/11	RESEARCH		
	HILLIER, ANDREW		CHEMICAL & BIOLOGICAL ENGINEERING	
\$130,752	HARBOR UNIVERSITY OF CALIFORNIA AT LOS ANGELES MEDICAL CENTER			404-40-88
79141	Intrathecal Enzyme Therapy for Mucopolysaccharidosis I			
	9/26/06 to 5/31/11	RESEARCH		
	ELLINWOOD, NORMAN		ANIMAL SCIENCE	
CO-PI	RIEDESEL, ELIZABETH		VETERINARY CLINICAL SCIENCES-VET	
\$130,000	NATIONAL SCIENCE FOUNDATION			420-25-09
91773	Multifunctional Mesoporous Silica Nanoparticles for Intracellular Controlled Release			
	7/1/08 to 6/30/11	RESEARCH		
	LIN, SHANG-YI		CHEMISTRY	
CO-PI	TREWYN, BRIAN		CHEMISTRY	
\$130,000	IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES			478-25-16
105330	Combustion of Bio-oil in Packaged Boilers for Heating Applications			
	5/1/10 to 6/30/11	RESEARCH		
	MEYER, TERRENCE		MECHANICAL ENGINEERING-ENGR	
CO-PI	BROWN, ROBERT		MECHANICAL ENGINEERING-ENGR	

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\$130,000	NATIONAL SCIENCE FOUNDATION			420-61-50
105553	Structure-composition-property Relationships in Complex Intermetallic Phases: Experimental Studies and Theoretical Predictions			
	9/1/10 to 8/31/11	RESEARCH		
	MILLER, GORDON		CHEMISTRY-LAS	
\$129,506	DEPARTMENT OF AGRICULTURE, ARS			419-40-16
98984	Identifying Porcine Genes and Gene Networks Involved in Effective Response to PRRS Virus Using Functional Genomics and Systems Biology			
	4/19/10 to 12/31/12	RESEARCH		
	TUGGLE, CHRIS		ANIMAL SCIENCE-AES/CALS	
CO-PI	HONAVAR, VASANT		COMPUTER SCIENCE-LAS	
\$126,001	SOUTH DAKOTA STATE UNIVERSITY			404-40-44
106229	Regional Biomass Feedstock Partnership–Biomass Residue Removal			
	10/1/07 to 9/30/11	RESEARCH		
	ANEX, ROBERT		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$125,906	BROOKHAVEN NATIONAL LABORATORY			404-21-01
106414	The U.S. Atlas Analysis Support			
	5/18/09 to 9/30/10	RESEARCH		
	COCHRAN, JAMES		PHYSICS & ASTRONOMY-LAS	
\$123,615	NATIONAL SCIENCE FOUNDATION			420-60-40
105488	REU Site—Research and Education in Microscale Sensing, Actuation and Imaging			
	5/15/10 to 4/30/11	INSTRUCTION/TRAINING		
	SUNDARARAJAN, SRIRAM		MECHANICAL ENGINEERING-ENGR	
CO-PI	SHROTRIYA, PRANAV		MECHANICAL ENGINEERING-ENGR	
\$120,000	PIONEER HI-BRED INTERNATIONAL, INC			400-60-19
107862	Identification of Metabolic Control Points in Seeds			
	10/8/10 to 10/8/12	RESEARCH		
	SHANKS, JACQUELINE		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	

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\$119,900	DEPARTMENT OF AGRICULTURE, APHIS	412-05-39
107877	Federal and State Transport Plan for Movement of Eggs and Egg Products from Non-infected Premises within an Avian Influenza Control Area (FAST Eggs Plan) 9/29/10 to 9/28/11 EXTENSION/PUBLIC	
CO-PI	TRAMPEL, DARRELL VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET ROTH, JAMES VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$117,208	BOEING COMPANY	400-25-86
107121	Development of a Collaborative Design Environment 3/15/10 to 12/31/10 RESEARCH	
CO-PI	OLIVER, JAMES MECHANICAL ENGINEERING-ENGR WINER, ELIOT MECHANICAL ENGINEERING-ENGR	
\$116,935	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION	404-17-34
98040	Community Context and Violence: African American Youth Transitioning to Adulthood 9/1/09 to 8/31/10 RESEARCH	
	CUTRONA, CAROLYN PSYCHOLOGY-LAS	
\$113,650	DEPARTMENT OF ENERGY	401-21-13
88070	Understanding and Improving CRM and GCM Simulations of Cloud Systems with Arm Observations 5/15/08 to 5/14/11 RESEARCH	
	WU, XIAOQING GEOLOGICAL & ATMOSPHERIC SCIENCES	
\$106,073	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	421-17-07
105017	DURIP: In-situ Environmental Atom Probe Tomography Facility for High Temperature Materials 6/1/10 to 5/31/11 EQUIPMENT	
	RAJAN, KRISHNA MATERIALS SCIENCE & ENGINEERING-ENGR	
\$100,006	OHIO STATE UNIVERSITY	410-40-56
99773	Common Buckthorn as a Keystone Invader in Agricultural Landscapes 2/1/10 to 1/31/13 RESEARCH	
	ONEAL, MATTHEW ENTOMOLOGY-AES/CALS	

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\$99,995	IOWA DEPARTMENT OF TRANSPORTATION		474-17-81
107488	Web-based Incident Location Tool		
	5/1/10 to 4/30/11	RESEARCH	
	SOULEYRETTE, REGINALD	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	GIESEMAN, DANIEL	INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$92,895	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANIZATION		400-17-74
106092	Regional Climate Simulations in Support of the Pacific Climate Change Science Program		
	1/1/10 to 3/1/11	RESEARCH	
	ARRITT, RAYMOND	AGRONOMY-AES/CALS	
\$86,007	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		422-21-07
106563	Understanding the Youngest X-ray Binary Populations in Low Metallicities		
	6/1/10 to 5/31/13	RESEARCH	
	ANTONIOU, VALSAMO	PHYSICS & ASTRONOMY-LAS	
CO-PI	MARENGO, MASSIMO	PHYSICS & ASTRONOMY-LAS	
\$84,700	DEPARTMENT OF AGRICULTURE, APHIS		412-05-36
107469	Enhancing and Maintaining the Training Website for the National Animal Health Emergency Response Corps		
	4/1/10 to 3/31/11	EXTENSION/PUBLIC	
	ROTH, JAMES	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
CO-PI	MOGAN, JANICE	CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET	
CO-PI	FLAMING, KEVAN	CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET	
\$72,279	DEPARTMENT OF AGRICULTURE, RD		412-40-11
107220	Increasing Technical Assistance and Training Opportunities for Iowa Food Entrepreneurs through the Regional Food Systems Working Group		
	4/26/10 to 4/19/11	MISCELLANEOUS	
	PIROG, RICHARD	LEOPOLD CENTER-AES/CALS	
CO-PI	LARABEE, BETH	LEOPOLD CENTER-AES/CALS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$70,000	BOEING COMPANY			400-17-67
106904	Multifunctional Composite Informatics Technical Area: Structural Technology—Emerging Materials			
	2/4/10 to 7/30/10	RESEARCH		
	RAJAN, KRISHNA		MATERIALS SCIENCE & ENGINEERING-ENGR	
\$70,000	DEPARTMENT OF AGRICULTURE, APHIS			412-23-04
107832	Clostridial Dermatitis in Turkeys			
	5/2/10 to 5/1/11	RESEARCH		
	WANNEMUEHLER, MICHAEL		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
CO-PI	SONGER, J		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$66,874	IOWA DEPARTMENT OF NATURAL RESOURCES			473-26-04
107629	Establishing Web-based Resources within the Iowa Geospatial Infrastructure			
	4/1/10 to 12/31/10	RESEARCH		
	KANE, KEVIN		INFORMATION TECHNOLOGY SERVICES-PROV	
\$60,000	FLORIDA STATE COLLEGE AT JACKSONVILLE			404-28-22
107404	DELTA: Disseminating Effective Learning through Automation			
	4/1/10 to 9/30/12	RESEARCH		
	HAGEDORN, LINDA		EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS	
\$59,000	SANDIA NATIONAL LABORATORIES			404-21-79
107160	Estimative Language and Statistical Relational Learning			
	3/16/09 to 9/30/10	RESEARCH		
	NORDMAN, DANIEL		STATISTICS-LAS	
CO-PI	WILSON, ALYSON		STATISTICS-LAS	
\$56,877	SOUTH DAKOTA STATE UNIVERSITY			410-40-52
104079	Impact of Maternal Nutrition on Expression of Genes Regulating Offspring Growth, Carcass Composition, and Meat Quality			
	4/1/10 to 3/31/11	RESEARCH		
	REECY, JAMES		ANIMAL SCIENCE-AES/CALS	
CO-PI	NETTLETON, DANIEL		STATISTICS-LAS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$56,418	USA POULTRY AND EGG EXPORT COUNCIL				400-41-17
106129	Use of Dried Egg White and/or Yolk in Non-dairy Creamers to Improve the Protein Content in the Philippines				
	5/1/10 to 4/30/11	RESEARCH			
	AHN, DONG		ANIMAL SCIENCE-AES/CALS		
CO-PI	LEE, EUN		ANIMAL SCIENCE-AES/CALS		
\$55,165	VALUE-ADDED SCIENCE AND TECHNOLOGIES, LLC				400-23-65
99132	Evaluation of Rate of Administration of Various Gas Mixtures Using the Smart Box Euthanasia Device as a Humane and Effective Method of Piglet Euthanasia				
	4/26/10 to 12/15/10	RESEARCH			
	MILLMAN, SUZANNE		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET		
\$54,000	SYNGENTA CROP PROTECTION, INC				400-41-41
91299	Interactions Among Plant Parasitic Nematodes and Fungal Pathogens of Corn and Their Management with Seed Treatments				
	6/1/07 to 10/31/09	RESEARCH			
	MUNKVOLD, GARY		PLANT PATHOLOGY		
\$53,948	DEPARTMENT OF AGRICULTURE, NIFA				411-23-10
108097	Animal Health and Disease Research				
	10/1/09 to 9/30/10	RESEARCH			
	NOLAN, LISA		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET		
\$53,845	ELECTRIC POWER RESEARCH INSTITUTE				400-20-64
94312	Implementation Planning of Reactive Power Reserve Monitoring with Visualization Tools for MidAmerican System				
	4/1/09 to 3/31/10	RESEARCH			
	AJJARAPU, VENKATARAMANA		ELECTRICAL & COMPUTER ENGINEERING-ENGR		
\$52,452	IOWA DEPARTMENT OF NATURAL RESOURCES				473-44-18
108069	Benchmarks of Biological Integrity for Lake Restoration Success				
	5/10/10 to 7/30/10	RESEARCH			
	DOWNING, JOHN		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS		

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$50,000	GRAIN PROCESSING CORPORATION			400-72-04
107362	Center for Biorenewable Chemicals (CBiRC) Membership			
	9/1/09 to 8/31/10	RESEARCH		
	SHANKS, BRENT		NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	
\$50,000	CHEVRON PHILLIPS CHEMICAL COMPANY, LLC			400-72-04
107379	Center for Biorenewable Chemicals (CBiRC) Membership			
	9/1/09 to 8/31/10	RESEARCH		
	SHANKS, BRENT		NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	
\$50,000	OFFICE OF NAVAL RESEARCH			421-20-38
107486	Exploratory Research into the Design and Development of IR Window Material Based on Y2O3-Zr(W,Mo)2O8 Nanocomposite			
	5/1/09 to 9/30/10	RESEARCH		
	AKINC, MUFIT		MATERIALS SCIENCE & ENGINEERING-ENGR	
\$50,000	UNITED EGG PRODUCERS			400-41-84
107636	Feeding DDGS and Other Altered Diets to Egg Laying Hens Demonstrate Economically Viable Reductions in Ammonia Emissions			
	3/1/10 to 8/31/10	RESEARCH		
	XIN, HONGWEI		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
	CO-PI LI, HONG		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$50,000	ALFRED P. SLOAN FOUNDATION			400-65-07
108250	Alfred P. Sloan Fellowship: Significant Scientific Work and Immediate Research Plans			
	9/15/10 to 9/15/12	RESEARCH		
	SADOW, AARON		CHEMISTRY-LAS	
\$48,165	UNIVERSITY OF MINNESOTA			410-31-02
107676	Iowa SARE Professional Development Program Plan of Work 2010			
	4/19/10 to 4/18/13	EXTENSION/PUBLIC		
	LAWRENCE, JOHN		EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	
	CO-PI LARSON, ANDREW		EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$47,142	DEPARTMENT OF AGRICULTURE, NIFA			418-30-14
96710	Pesticide Safety Education Program			
	10/1/07 to 9/30/08	EXTENSION/PUBLIC		
	BROWN, PAUL	EXTENSION ADMINISTRATION-EXT		
\$40,000	IOWA DEPARTMENT OF TRANSPORTATION			474-77-58
106223	Safety Circuit Rider			
	4/15/08 to 12/31/10	RESEARCH		
	MCDONALD, THOMAS	INSTITUTE FOR TRANSPORTATION-VPR/ED		
CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED		
\$40,000	IOWA DEPARTMENT OF ECONOMIC DEVELOPMENT			478-17-24
107181	IT Adventures Making It Fun			
	12/7/09 to 5/24/10	INSTRUCTION/TRAINING		
	JACOBSON, DOUG	ELECTRICAL & COMPUTER ENGINEERING-ENGR		
\$39,988	IOWA DEPARTMENT OF TRANSPORTATION			474-17-48
106174	Implementation and Operation of the Iowa Department of Transportation Pavement Management Optimization Model			
	11/1/07 to 12/31/10	RESEARCH		
	SMADI, OMAR	INSTITUTE FOR TRANSPORTATION-VPR/ED		
CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED		
\$39,275	UNIVERSITY OF NEBRASKA, LINCOLN			404-20-03
93210	Multi-laser-beam Open-atmosphere Surface Coating Techniques Based on Precursor Excitation, Photodissociation and Controlled Cooling			
	1/1/08 to 6/30/10	RESEARCH		
	WANG, XINWEI	MECHANICAL ENGINEERING-ENGR		
\$38,750	NATIONAL CATTLEMENS BEEF ASSOCIATION			400-44-28
106195	Tracking Individual Animal Responses to Preconditioning Vaccines, Is There a Correlation Between Management Strategies or Individual Response to Vaccination and Carcass Quality?			
	3/1/10 to 5/31/11	RESEARCH		
	REECY, JAMES	ANIMAL SCIENCE-AES/CALS		

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$37,000	SOUTH DAKOTA STATE UNIVERSITY			404-25-46
106945	Regional Biomass Feedstock Partnership–Biomass Residue Removal			
	10/1/07 to 9/30/11	RESEARCH		
	BRYDEN, KENNETH		MECHANICAL ENGINEERING-ENGR	
\$35,922	IOWA BEEF INDUSTRY COUNCIL			400-44-79
107711	Investigating Bovine Respiratory Disease (BRD) Effects on Beef Quality and Effectiveness of Genomic Tests for Beef Quality			
	4/1/10 to 3/31/11	RESEARCH		
	TAIT, RICHARD		ANIMAL SCIENCE-AES/CALS	
	CO-PI ENGELKEN, TERRY		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$35,539	NORTH CAROLINA STATE UNIVERSITY			404-43-81
108015	Strategic Habitat Conservation in Puerto Rico			
	10/1/09 to 9/30/10	RESEARCH		
	DINSMORE, STEPHEN		NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
\$33,000	VETERANS ADMINISTRATION			428-32-02
107504	Veterans Administration Intergovernmental Personnel Act Assignment for Sinisa Grozdanic			
	5/16/10 to 8/15/10	RESEARCH		
	GROZDANIC, SINISA		VETERINARY CLINICAL SCIENCES-VET	
\$30,219	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	IOWA STATE UNIVERSITY RESEARCH FOUNDATION			405-21-05
108143	Improve TAL Nuclease Technology			
	5/18/10 to 5/31/11	RESEARCH		
	YANG, BING		GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$30,000	IOWA DEPARTMENT OF TRANSPORTATION			474-17-40
108214	Investigation of Deterioration of Joints in Concrete Pavements			
	11/1/09 to 6/30/12	RESEARCH		
	TAYLOR, PETER		INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$28,616	DEERE & COMPANY			400-72-11
98569	Stress for John Deere Fatigue Life Prediction Applications			
	7/1/09 to 12/31/09	RESEARCH		
	CHUMBLEY, LEONARD		MATERIALS SCIENCE & ENGINEERING-ENGR	
CO-PI	LO, CHI		CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
CO-PI	NAKAGAWA, NORIO		CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
\$28,376	U.S. BORAX, INC			400-41-34
107433	Evaluation of a Boron Product in the Amelioration of Osteochondrosis in Pigs			
	3/12/10 to 5/31/10	RESEARCH		
	STALDER, KENNETH		ANIMAL SCIENCE-AES/CALS	
CO-PI	KARRIKER, LOCKE		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	BUTTERS-JOHNSON, ANNA		ANIMAL SCIENCE-AES/CALS	
CO-PI	PATIENCE, JOHN		ANIMAL SCIENCE-AES/CALS	
\$27,276	NATIONAL CATTLEMENS BEEF ASSOCIATION			400-44-24
106130	Novel Markers to Identify Tenderness in Early Postmortem Beef			
	4/1/10 to 4/30/11	RESEARCH		
	LONERGAN, ELISABETH		ANIMAL SCIENCE-AES/CALS	
CO-PI	LONERGAN, STEVEN		ANIMAL SCIENCE-AES/CALS	
\$26,000	IOWA SOYBEAN ASSOCIATION			450-40-21
107738	Testing Rag1 and Rag2 Alone and Together: Is One Enough?			
	2/1/10 to 1/31/11	RESEARCH		
	ONEAL, MATTHEW		ENTOMOLOGY-AES/CALS	
CO-PI	HODGSON, ERIN		ENTOMOLOGY-AES/CALS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$25,000	KANSAS STATE UNIVERSITY				404-40-99
105473	Occupational Safety and Health Training for Landscaping and Tree Services				
	9/30/09 to 9/29/11	EXTENSION/PUBLIC			
	MINNER, DAVID		HORTICULTURE-AES/CALS		
\$25,000	AMERICAN FISHERIES SOCIETY				404-26-02
107784	Enhancement to the Multi-state Aquatic Resources Information System (MARIS)–Part 2				
	4/1/10 to 3/31/11	RESEARCH			
	KANE, KEVIN		INFORMATION TECHNOLOGY SERVICES-PROV		
CO-PI	JOHNSTON, DOUGLAS		LANDSCAPE ARCHITECTURE-DSN		
\$25,000	ITC MIDWEST, LLC				400-60-12
107994	ITC Midwest LLC–EPRC Support				
	1/1/10 to 12/31/10	RESEARCH			
	BAIRD, TOM		ELECTRICAL & COMPUTER ENGINEERING-ENGR		
\$23,062	IOWA DEPARTMENT OF NATURAL RESOURCES				473-26-03
107458	Establishing Web-based Resources within the Iowa Geospatial Infrastructure				
	4/1/10 to 3/31/11	RESEARCH			
	KANE, KEVIN		INFORMATION TECHNOLOGY SERVICES-PROV		
\$21,298	IOWA DEPARTMENT OF TRANSPORTATION				474-17-76
107435	Enhancements to the Iowa DOT CMAT Software				
	5/1/10 to 12/31/11	RESEARCH			
	SOULEYRETTE, REGINALD		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR		
CO-PI	GIESEMAN, DANIEL		INSTITUTE FOR TRANSPORTATION-VPR/ED		
CO-PI	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED		
\$20,000	AMERICAN INSTITUTE OF MATHEMATICS				400-21-19
105014	Contract Between American Institute of Mathematics and Iowa State University				
	10/1/07 to 9/30/10	MISCELLANEOUS			
	HOGBEN, LESLIE		MATHEMATICS-LAS		

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$20,000	ADVANCED ANALYTICAL, INC			400-28-41
105364	Rapid Sequence-based Detection of Human Pathogens: From Farm to Fork to Physician			
	7/1/09 to 5/31/11	RESEARCH		
	BREHM-STECHER, BYRON		FOOD SCIENCE & HUMAN NUTRITION-HS	
\$20,000	REB RESEARCH			404-20-70
106297	Ti2ANb-coated Refractory Alloys for Generation IV Nuclear Reactor Construction			
	7/20/09 to 4/19/10	RESEARCH		
	RUSSELL, ALAN		MATERIALS SCIENCE & ENGINEERING-ENGR	
\$19,668	DEPARTMENT OF AGRICULTURE, FAS			412-30-32
107892	Animal Health Study Tour for Veterinarians from Armenia			
	9/11/09 to 9/10/11	EXTENSION/PUBLIC		
	HANSEN, RAYMOND		VALUE ADDED AGRICULTURE-EXT	
CO-PI	SCHULTZ, MADELINE		VALUE ADDED AGRICULTURE-EXT	
\$17,861	DEPARTMENT OF INTERIOR, FISH AND WILDLIFE SERVICE			424-21-04
105670	Chimpanzee Conservation in Light of Impending Mining Projects in Southeastern Senegal			
	5/5/10 to 12/31/11	RESEARCH		
	PRUETZ, JILL		ANTHROPOLOGY-LAS	
CO-PI	BOYER, KELLY		ANTHROPOLOGY-LAS	
\$17,530	SOUTH DAKOTA STATE UNIVERSITY			400-23-62
104015	Development of an Epitope-based Vaccine Against Swine Influenza A Virus Using a Non-toxic Enterotoxin as the Carrier-adjuvant			
	12/1/09 to 11/1/10	RESEARCH		
	BAKER, RODNEY		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$17,427	IOWA SOYBEAN ASSOCIATION			450-41-01
107966	Investigating the Effect of Soil pH on Soybean Cyst Nematode			
	2/1/10 to 1/31/11	RESEARCH		
	TYLKA, GREGORY		PLANT PATHOLOGY-AES/CALS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$16,610	MIDWEST RESEARCH INSTITUTE			400-17-73
107835	U.S. Road Assessment Program			
	5/1/04 to 1/31/11	RESEARCH		
	CO-PI SOULEYRETTE, REGINALD		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
	CO-PI HANS, ZACHARY		INSTITUTE FOR TRANSPORTATION-VPR/ED	
	CO-PI NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$16,110	UNIVERSITY OF IOWA			475-21-19
105550	Generation of Mesoscale Model Rainfall Forecasts to Improve Flood Forecasting to Assist the Iowa Flood Center			
	12/1/09 to 6/30/10	RESEARCH		
	GALLUS, WILLIAM		GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	
\$15,000	UNIVERSITY OF NEBRASKA, LINCOLN			410-30-59
106428	Financial Security for All, Community of Practice			
	1/1/09 to 12/31/10	EXTENSION/PUBLIC		
	SWANSON, PATRICIA		HUMAN DEVELOPMENT & FAMILY STUDIES-EXT	
\$15,000	METABOLIC TECHNOLOGIES, INC			400-28-49
106681	Effect of Oral ATP on Human Muscle Performance			
	2/1/10 to 5/31/11	RESEARCH		
	SHARP, RICKEY		KINESIOLOGY-HS	
\$14,981	NATIONAL SCIENCE FOUNDATION			420-71-10
105777	Dissertation Research: Unraveling the Genetic Basis for Complex Life History Traits in Natural Populations of Garter Snakes			
	7/1/10 to 6/30/12	RESEARCH		
	CO-PI BRONIKOWSKI, ANNE		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
	CO-PI SCHWARTZ, TONIA		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$14,000	NATIONAL SCIENCE FOUNDATION			420-40-67
106644	LTREB: Long-term Research on Environmental Gender Determination in a Model System (chrysemys): The Next Five Years			
	3/15/07 to 2/28/11	RESEARCH		
	JANZEN, FREDRIC		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$13,639	IOWA DEPARTMENT OF EDUCATION			472-28-18
107879	ICYD Site Visit Evaluation			
	5/15/10 to 6/30/10	RESEARCH		
	GALLOWAY, ROBIN		RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	
\$12,210	NATIONAL SCIENCE FOUNDATION			420-40-73
107427	LTREB: Long-term Research on Environmental Gender Determination in a Model System: The Next Five Years			
	3/15/07 to 2/28/11	RESEARCH		
	JANZEN, FREDRIC		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	
\$12,000	SYNGENTA CROP PROTECTION, INC			400-41-08
107507	Turfgrass Field Trial 2010			
	3/26/10 to 12/31/10	RESEARCH		
	CHRISTIANS, NICK		HORTICULTURE-AES/CALS	
\$11,102	HOUSTON ZOO, INC			400-21-19
107559	Extraction to Extinction? Chimpanzee Conservation in Light of Impending Iron Ore Mining Project in SE Senegal			
	4/1/10 to 5/1/11	RESEARCH		
	PRUETZ, JILL		ANTHROPOLOGY-LAS	
	CO-PI BOYER, KELLY		ANTHROPOLOGY-LAS	
\$10,725	NATIONAL SCIENCE FOUNDATION			420-21-32
106954	Gene Expression Response to Naturally Fluctuating Temperature in Turtles with Alternative Sex Determining Mechanisms			
	3/1/08 to 2/28/11	RESEARCH		
	VALENZUELA-CASTRO, MARIA		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$10,150	NATIONAL SCIENCE FOUNDATION			420-71-07
105793	Dissertation Research: Factors Mediating Gene Flow in a Mobile and Continuously Distributed Species, the Bobcat (<i>lynx rufus</i>)			
	6/1/10 to 5/31/11	RESEARCH		
	BRONIKOWSKI, ANNE		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
	CO-PI CLARK, WILLIAM		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	
	CO-PI REDING, DAWN		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$8,500	NATIONAL INSTITUTES OF HEALTH		430-17-17
105230	The XIth Latin American Conference on Probability and Mathematical Statistics		
	11/1/09 to 5/31/10	MISCELLANEOUS	
	WELK, GREGORY	KINESIOLOGY-HS	
CO-PI	NUSSER, SARAH	CENTER FOR SURVEY STATISTICS & METHODOLOGY-VPR/ED	
CO-PI	CARRIQUIRY, ALICIA	STATISTICS-LAS	
\$7,805	NATIONAL SCIENCE FOUNDATION		420-40-85
107144	LTREB: Long-term Research on Environmental Gender Determination in a Model System: The Next Five Years		
	3/15/07 to 2/28/11	RESEARCH	
	JANZEN, FREDRIC	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	
CO-PI	WARNER, DANIEL	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	
\$7,765	IOWA DEPARTMENT OF NATURAL RESOURCES		473-21-03
104495	Phase 1 Archaeological Survey		
	7/1/09 to 6/30/10	EXTENSION/PUBLIC	
	HILL, MATTHEW	ANTHROPOLOGY-LAS	
\$7,594	CENTERVILLE COMMUNITY SCHOOL DISTRICT		400-30-12
105136	Local Support for Iowa AmeriCorps State of Promise Program		
	9/1/09 to 8/31/10	EXTENSION/PUBLIC	
	BROSHAR, DON	EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$7,587	ALLAMAKEE COUNTY AGRICULTURAL EXTENSION DISTRICT		400-30-97
106330	Northeast Iowa Food and Fitness Initiative		
	1/1/10 to 12/31/10	EXTENSION/PUBLIC	
	GROVER, VANETTE	EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$7,500	PLANO MOLDING COMPANY		400-41-18
106562	Protein Polymer Product Development		
	7/1/08 to 5/31/10	RESEARCH	
	GREWELL, DAVID	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	KESSLER, MICHAEL	MATERIALS SCIENCE & ENGINEERING-ENGR	
CO-PI	GRAVES, WILLIAM	HORTICULTURE-AES/CALS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$7,500	PLANO MOLDING COMPANY			400-41-18
106562	Protein Polymer Product Development			
	7/1/08 to 5/31/10	RESEARCH		
CO-PI	RAJAN, KRISHNA		MATERIALS SCIENCE & ENGINEERING-ENGR	
CO-PI	VANAUKEN, HOWARD		MANAGEMENT-BUS	
\$7,290	PERMEATE REFINING			400-75-49
107753	Purifying Food-grade Alcohol Further with the Mello3z Process of Ozonation and Granular Activated Carbon			
	4/19/10 to 9/30/10	RESEARCH		
CO-PI	KOZIEL, JACEK		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	CAI, LINGSHUANG		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	MUMM, LYNNE		INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VP	
\$6,000	NATIONAL SCIENCE FOUNDATION			420-60-18
107438	CAREER: Ultrasound Histotripsy System Development to Improve Cancer Treatment			
	5/24/10 to 11/30/12	RESEARCH		
	BIGELOW, TIMOTHY		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$6,000	NATIONAL SCIENCE FOUNDATION			420-71-11
107439	Investigating Gibberellin Phytohormone Metabolism			
	8/1/09 to 7/31/13	RESEARCH		
	PETERS, REUBEN		BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	
\$6,000	NATIONAL SCIENCE FOUNDATION			420-60-01
107472	CAREER: Accurate and Efficient Electromagnetic Modeling Techniques for RF Integrated Circuits			
	4/27/10 to 4/30/11	RESEARCH		
	SONG, JIMING		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$5,625	NATIONAL SCIENCE FOUNDATION			420-71-01
107657	CAREER: Rationally Designed Conjugated Polymers Based on Benzobisazoles			
	6/1/09 to 5/31/11	RESEARCH		
	JEFFRIES-EL, MALIKA		CHEMISTRY-LAS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$5,062	COMMUNITY FOUNDATION OF GREATER DUBUQUE	400-30-12
105467	Local Support for Iowa AmeriCorps State of Promise Program	
	9/1/09 to 8/31/10 EXTENSION/PUBLIC	
	BROSHAR, DON EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$5,000	UNIVERSITY OF NEBRASKA, LINCOLN	410-30-59
106428	Financial Security for All, Community of Practice	
	1/1/09 to 12/31/10 EXTENSION/PUBLIC	
	SWANSON, PATRICIA HUMAN DEVELOPMENT & FAMILY STUDIES-EXT	
\$5,000	IOWA DEPARTMENT OF ECONOMIC DEVELOPMENT	478-40-05
106715	2010 Midwest Biopolymers and Biocomposites Workshop	
	2/12/10 to 6/30/10 INSTRUCTION/TRAINING	
	JARBOE, DARREN CENTER FOR CROPS UTILIZATION RESEARCH-AES/CALS	
	CO-PI GREWELL, DAVID AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$5,000	PIONEER HI-BRED INTERNATIONAL, INC	400-30-99
107959	Evaluation of GAT Soybeans	
	2/18/08 to 2/18/11 RESEARCH	
	OWEN, MICHEAL AGRONOMY-AES/CALS	
\$5,000	GENOMATICA, INC	400-72-04
108012	Center for Biorenewable Chemicals (CBiRC) Membership	
	4/5/10 to 4/4/11 RESEARCH	
	SHANKS, BRENT NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	
\$5,000	SOLAZYME, INC	400-72-04
108017	Center for Biorenewable Chemicals (CBiRC) Membership	
	4/16/10 to 4/15/11 RESEARCH	
	SHANKS, BRENT NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$4,989	INTERNATIONAL CROPS RESEARCH INSTITUTE FOR SEMI-ARID TROPICS	404-40-48
105537	Seed Development for Southern Africa	
	10/1/09 to 9/30/10 INSTRUCTION/TRAINING	
	CORTES, JOSEPH SEED SCIENCE CENTER-AES/CALS	
\$4,717	JOHNSONVILLE SAUSAGE, LLC	400-41-28
107487	Application of Calcium Lactate to Improve Pork Tenderness	
	6/1/10 to 7/15/10 RESEARCH	
	LONERGAN, STEVEN ANIMAL SCIENCE-AES/CALS	
CO-PI	LONERGAN, ELISABETH ANIMAL SCIENCE-AES/CALS	
\$4,000	MORRIS ANIMAL FOUNDATION	400-23-78
107969	Investigation of Eimeria Macusaniensis-salmonella Co-infections in Alpacas	
	6/1/10 to 8/31/10 SCHOLARSHIP	
	CARLSON, STEVEN BIOMEDICAL SCIENCES-VET	
\$4,000	MORRIS ANIMAL FOUNDATION	400-23-80
108013	Is Behavior During the Pre-race Period and Avoidance Responses at the Starting Gate Predictive of Breakdown During Horse Races?	
	5/15/10 to 8/15/10 SCHOLARSHIP	
	MILLMAN, SUZANNE VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$3,000	UNITED WAY OF STORY COUNTY	400-12-03
106688	Story County Sexual Assault Response Team (SART)	
	4/8/10 to 10/7/10 INSTRUCTION/TRAINING	
	STEWART, JERRY DEPARTMENT OF PUBLIC SAFETY-VPBF	
CO-PI	SIMBRIC, STEFFANI DEPARTMENT OF PUBLIC SAFETY-VPBF	
\$2,600	ACADEMY OF APPLIED SCIENCE	404-21-96
108164	Research and Engineering Apprenticeship	
	5/15/10 to 8/31/10 FELLOWSHIP	
	CERVATO, CINZIA GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$1,813	DAVENPORT COMMUNITY SCHOOL DISTRICT	400-30-12
105740	Local Support for Iowa Americorps State of Promise Program	
	9/1/09 to 8/31/10 EXTENSION/PUBLIC	
	BROSHAR, DONNIE EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,800	IOWA DEPARTMENT OF PUBLIC HEALTH	478-21-13
105247	Evaluation of BASICS for Nutrition and Physical Activity	
	10/1/09 to 9/30/10 RESEARCH	
	SHELLEY, MACK STATISTICS-LAS	
\$1,688	COMMUNITY FOUNDATION OF THE GREAT RIVER BEND	400-30-12
105137	Local Support for Iowa AmeriCorps State of Promise Program	
	9/1/10 to 8/31/11 EXTENSION/PUBLIC	
	BROSHAR, DON EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,688	IOWA 4-H FOUNDATION	400-30-12
105844	Local Support for Iowa Americorps State of Promise Program	
	9/1/09 to 8/31/10 EXTENSION/PUBLIC	
	BROSHAR, DON EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,686	UNIVERSITY OF NORTHERN IOWA	475-40-48
107902	Iowa NASA EPSCoR Travel Award	
	4/1/10 to 8/31/10 RESEARCH	
	KALEITA-FORBES, AMY AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$1,563	MAHASKA COMMUNITY RECREATION FOUNDATION	400-30-12
105424	Local Support for Iowa AmeriCorps State of Promise Program	
	9/1/09 to 8/31/10 EXTENSION/PUBLIC	
	BROSHAR, DON EXTENSION 4-H YOUTH DEVELOPMENT-EXT	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$1,200 IOWA DEPARTMENT OF EDUCATION

472-28-19

107221 PBS Webinar Series

3/1/10 to 6/30/10 INSTRUCTION/TRAINING

PETERSON, CARLA HUMAN DEVELOPMENT & FAMILY STUDIES-HS

\$844 LOUISA COUNTY AGRICULTURAL EXTENSION

400-30-12

105843 Local Support for Iowa Americorps State of Promise Program

9/1/09 to 8/31/10 EXTENSION/PUBLIC

BROSHAR, DON EXTENSION 4-H YOUTH DEVELOPMENT-EXT

\$500 THE BIOBUSINESS ALLIANCE OF MINNESOTA

400-72-04

107745 Center for Biorenewable Chemicals (CBiRC) Strategic Membership

3/22/10 to 3/21/11 RESEARCH

SHANKS, BRENT CHEMICAL & BIOLOGICAL ENGINEERING-ENGR