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

\$8,903,724	DEPARTMENT OF EDUCATION	432-57-70
<b>105118</b>	Pell Grant, FY10	
	7/1/09 to 6/30/10	STUDENT FINANCIAL AID
	JOHNSON, ROBERTA	STUDENT FINANCIAL AID-VP SA
\$1,563,516	DEPARTMENT OF ENERGY	401-25-01
<b>93016</b>	Operating and Management Support for the Ames Laboratory	
	11/1/08 to 9/30/10	RESEARCH
	KING, ALEXANDER	AMES LABORATORY
\$1,081,565	DEPARTMENT OF COMMERCE	426-35-90
<b>99029</b>	Iowa Center for Industrial Research and Service	
	7/1/09 to 6/30/10	EXTENSION/PUBLIC
	COX, RONALD	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT
\$980,944	OFFICE OF NAVAL RESEARCH	421-23-01
<b>79248</b>	Novel Therapies for Pneumonic Plague Targeting Quorum Sensing Components	
	9/26/06 to 9/30/11	RESEARCH
	MINION, FRANK	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE
CO-PI	WANNEMUEHLER, MICHAEL	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE
CO-PI	PHILLIPS, GREGORY	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE
CO-PI	NORDMAN, DANIEL	STATISTICS
CO-PI	NARASIMHAN, BALAJI	CHEMICAL & BIOLOGICAL ENGINEERING
CO-PI	RAJAN, KRISHNA	MATERIALS SCIENCE & ENGINEERING
\$600,000	NATIONAL SCIENCE FOUNDATION	420-25-61
<b>104362</b>	CAREER: Poly (hydrosilyl) Rare Earth Compounds for New Organosilane Transformations and Catalysis	
	2/1/10 to 1/31/15	RESEARCH
	SADOW, AARON	CHEMISTRY-LAS
\$598,607	DEPARTMENT OF AGRICULTURE, NIFA	416-28-38
<b>98391</b>	Customization of Food Safety Messaging for Retail Foodservice Employees	
	9/1/09 to 8/31/12	RESEARCH
	WOHLSDORF-ARENDT, SUSAN	APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS

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\$598,607 DEPARTMENT OF AGRICULTURE, NIFA

416-28-38

**98391** Customization of Food Safety Messaging for Retail Foodservice Employees

9/1/09 to 8/31/12 RESEARCH

CO-PI STROHBEHN, CATHERINE

APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS

CO-PI CORREIA, ANA

CURRICULUM & INSTRUCTION-HS

CO-PI SHELLEY, MACK

STATISTICS-LAS

\$468,381 DEPARTMENT OF EDUCATION

432-57-67

**105116** National Science and Mathematics Access to Retain Talent (SMART) Grant, FY10

7/1/09 to 6/30/10 STUDENT FINANCIAL AID

JOHNSON, ROBERTA

STUDENT FINANCIAL AID-VPSA

\$435,042 DEPARTMENT OF EDUCATION

432-57-66

**105114** Academic Competitiveness Grant (ACG), FY10

7/1/09 to 6/30/10 STUDENT FINANCIAL AID

JOHNSON, ROBERTA

STUDENT FINANCIAL AID-VPSA

\$400,000 NATIONAL SCIENCE FOUNDATION

420-20-78

**104358** CAREER: Bio-inspired MEMS Imaging Platform with Ultrawide, Dynamically Tunable Field-of-view for Biomedical and Assistive Applications

2/1/10 to 1/31/15 RESEARCH

KIM, JAEYOUN

ELECTRICAL & COMPUTER ENGINEERING-ENGR

\$400,000 NATIONAL SCIENCE FOUNDATION

420-20-98

**104359** CAREER: Programmable, Reconfigurable, Tunable Photonic Integrated Circuit Platform through the Fusion of Photonic Crystals and Nano-electro-mechanical Systems

8/1/10 to 7/31/15 RESEARCH

DONG, LIANG

ELECTRICAL & COMPUTER ENGINEERING-ENGR

\$399,000 DEPARTMENT OF AGRICULTURE, NIFA

416-43-69

**99059** Pseudomonas syringa Photosensory Proteins and Their Contribution to Plant Colonization and Survival Throughout the P. syringa Lifecycle

2/1/10 to 1/31/13 RESEARCH

BEATTIE, GWYN

PLANT PATHOLOGY-AES/CALS

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\$392,275	DEPARTMENT OF AGRICULTURE, NIFA		416-43-54
<b>104446</b>	Enhancing Farmland Water Quality and Availability through Soil-building Crop Rotations and Organic Practices		
	9/1/09 to 8/31/12	RESEARCH	
	DELATE, KATHLEEN	HORTICULTURE-AES/CALS	
CO-PI	CHASE, CRAIG	EXTENSION AREA - NORTHEAST-EXT	
\$350,150	DARTMOUTH UNIVERSITY		404-17-22
<b>96282</b>	Factors Influencing the Health Behaviors of Young African American Adults		
	7/1/08 to 12/31/10	RESEARCH	
	CUTRONA, CAROLYN	PSYCHOLOGY-LAS	
\$318,624	NATIONAL INSTITUTES OF HEALTH		430-17-13
<b>94191</b>	Neuroinflammatory Mechanisms in the Progression of Parkinsons Disease		
	2/1/10 to 1/31/11	RESEARCH	
	KANTHASAMY, ARTHI	BIOMEDICAL SCIENCES-VET	
CO-PI	KANTHASAMY, ANUMANTHA	BIOMEDICAL SCIENCES-VET	
\$315,000	FEDERAL HIGHWAY ADMINISTRATION		436-17-21
<b>104867</b>	Development of Sustainable Concrete Pavements: Manual of Practice		
	1/25/10 to 1/24/11	RESEARCH	
	TAYLOR, PETER	INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$258,863	DEPARTMENT OF EDUCATION		432-18-03
<b>96305</b>	Ronald E. McNair Postbaccalaureate Achievement Program		
	10/1/09 to 9/30/10	INSTRUCTION/TRAINING	
	HARDING, THELMA	GRADUATE COLLEGE-PROV	
\$245,057	NATIONAL INSTITUTES OF HEALTH		430-21-37
<b>80848</b>	Histone Modifications and Higher-order Chromatin Structure		
	2/1/10 to 1/31/11	RESEARCH	
	SHOGREN-KNAAK, MICHAEL	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY	

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

\$155,000 AMERICAN CONCRETE PAVEMENT ASSOCIATION

400-17-28

**106207** Continuation of Management of the Concrete Pavement Technology Center

1/1/10 to 12/31/10 DEPT/ADMIN SUPPORT

CO-PI CACKLER, ELLS INSTITUTE FOR TRANSPORTATION-VPR/ED  
CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

\$153,367 IOWA DEPARTMENT OF TRANSPORTATION

474-17-72

**106216** Council Bluffs Drilled Shaft Evaluation Project

3/1/10 to 8/31/12 RESEARCH

CO-PI ASHLOCK, JERAMY CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR  
CO-PI PHARES, BRENT INSTITUTE FOR TRANSPORTATION-VPR/ED  
CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED  
CO-PI WIPF, TERRY CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR

\$142,730 DEPARTMENT OF EDUCATION

432-57-68

**105117** Teacher Education Assistance for College and Higher Education (TEACH) Grant, FY10

7/1/09 to 6/30/10 STUDENT FINANCIAL AID  
JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA

\$127,759 KEMIN INDUSTRIES, INC

400-28-34

**106196** Bioequivalence of Chromium Propionate

2/8/10 to 7/31/10 RESEARCH

CO-PI REDDY, MANJU FOOD SCIENCE & HUMAN NUTRITION-HS  
CO-PI ALEKEL, D. FOOD SCIENCE & HUMAN NUTRITION-HS

\$125,000 NATIONAL SCIENCE FOUNDATION

420-61-74

**77828** Novel Signaling Components for Plant Steroid Regulated Gene Expression in Arabidopsis

3/1/10 to 2/28/11 RESEARCH

YIN, YANHAI GENETICS, DEVELOPMENT & CELL BIOLOGY

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

\$101,539 DEFENSE THREAT REDUCTION AGENCY

421-17-05

**96978** Towards a Network Theory for Preserving Critical Capability Under Network Outages

7/13/09 to 7/12/11 RESEARCH

YING, LEI ELECTRICAL & COMPUTER ENGINEERING-ENGR

\$100,000 PORTLAND CEMENT ASSOCIATION

400-17-42

**106210** Management of the National Concrete Pavement Technology Center

1/1/10 to 12/31/10 DEPT/ADMIN SUPPORT

CO-PI CACKLER, ELLS INSTITUTE FOR TRANSPORTATION-VPR/ED  
CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

\$80,000 FOREST PRODUCTS LABORATORY

412-17-17

**106201** Improved Analytical Techniques for Historic Covered Bridges

1/26/10 to 9/30/12 RESEARCH

CO-PI WIPF, TERRY CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR  
CO-PI FANOUS, FOUAD CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR  
CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

\$73,074 IOWA DEPARTMENT OF HUMAN SERVICES

470-28-29

**106453** Service Training FOSU-10-001

1/4/10 to 6/30/10 INSTRUCTION/TRAINING

LEMPERS, JACOBUS HUMAN DEVELOPMENT & FAMILY STUDIES-HS

\$70,523 UNIVERSITY OF WISCONSIN, MADISON

404-17-55

**53744** Parent-child Communications and Health-risk Behavior

6/1/06 to 5/31/10 RESEARCH

MELBY, JANET HUMAN DEVELOPMENT & FAMILY STUDIES

\$68,000 AIR FORCE RESEARCH LABORATORY

421-20-40

**97678** Adaptive Guidance for Responsive Launch and Operations

6/29/10 to 2/10/11 RESEARCH

LU, PING AEROSPACE ENGINEERING-ENGR

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

\$65,000	UNITED STATES CENSUS BUREAU			426-21-04
<b>104880</b>	Research on United States Census Dual System Surveys			
	1/13/10 to 9/30/11	RESEARCH		
	CHEN, SONG		STATISTICS-LAS	
\$65,000	MONSANTO COMPANY			400-30-89
<b>106617</b>	Assessing Long-term Viability of Glyphosate-based Technology as a Foundation for Cropping Systems			
	2/1/06 to 8/31/11	RESEARCH		
	OWEN, MICHEAL		AGRONOMY-EXT	
\$59,815	CERES TRUST			400-40-57
<b>105067</b>	No-till Organic Vegetable Production			
	1/1/10 to 12/31/12	RESEARCH		
	DELATE, KATHLEEN		HORTICULTURE-AES/CALS	
	CO-PI AL-KAISI, MAHDI		AGRONOMY-AES/CALS	
\$56,603	IOWA DEPARTMENT OF HUMAN SERVICES			470-30-10
<b>106336</b>	New Staff Orientation Training			
	1/22/10 to 6/30/10	EXTENSION/PUBLIC		
	OESTERREICH, LESIA		HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
\$55,000	NATIONAL SCIENCE FOUNDATION			420-17-81
<b>105194</b>	Collaborative Research: Security and Software Engineering Research Center			
	2/1/10 to 1/31/11	RESEARCH		
	JACOBSON, DOUG		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$54,437	UNIVERSITY OF IOWA			404-28-26
<b>75805</b>	Writing to Learn: Professional Development Resources			
	9/1/05 to 8/31/10	RESEARCH		
	DRAKE, COREY		CURRICULUM & INSTRUCTION-HS	

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\$53,958	SOUTH DAKOTA STATE UNIVERSITY			404-40-44
<b>106072</b>	Biomass Residue Removal			
	10/1/07 to 9/30/10	RESEARCH		
	ANEX, ROBERT		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$50,000	IOWA DEPARTMENT OF TRANSPORTATION			474-17-62
<b>105509</b>	Integration of Drilled Shaft Load Test Data into PILOT-IA			
	2/3/10 to 1/31/11	RESEARCH		
	SRITHARAN, SIVALINGAM		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$50,000	MIDAMERICAN ENERGY COMPANY			400-20-73
<b>106191</b>	MidAmerican Energy Company Electric Power Research Center (MEC-EPRC)			
	11/1/09 to 10/31/10	RESEARCH		
	BAIRD, TOM		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$50,000	TOYOTA MOTOR NORTH AMERICA, INC			400-17-47
<b>106202</b>	Biobased Industry Center			
	1/1/10 to 12/31/10	MISCELLANEOUS		
	BUSHNELL, JAMES		ECONOMICS-AES/CALS	
\$50,000	DSM PERFORMANCE MATERIALS			400-72-04
<b>106326</b>	Center for Biorenewable Chemicals (CBiRC)			
	1/1/10 to 12/31/10	RESEARCH		
	SHANKS, BRENT		NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR	
\$48,038	UNIVERSITY OF NORTHERN IOWA			475-40-47
<b>98495</b>	Real-time Predictive Framework for Mosquito-borne Diseases			
	10/22/09 to 10/31/10	RESEARCH		
	BARTHOLOMAY, LYRIC		ENTOMOLOGY-AES/CALS	

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	\$46,132	IOWA EGG COUNCIL		400-42-43
<b>105324</b>		Ammonia Emissions of Pullets and Laying Hens as Affected by Stocking Density-Year 2		
		7/1/09 to 6/30/10	RESEARCH	
		XIN, HONGWEI	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
	CO-PI	LI, HONG	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
	\$45,131	AGCO CORPORATION		400-30-70
<b>105969</b>		High Efficiency Sprayer Evaluation		
		1/1/10 to 9/30/10	EXTENSION/PUBLIC	
		HANNA, H.	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
	CO-PI	DARR, MATTHEW	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
	\$44,252	IOWA EGG COUNCIL		400-43-25
<b>99595</b>		A Novel Use of Egg Yolk Protein and Lecithin to Create Oleosomes Containing Stabilized N-3 Oils		
		7/1/09 to 6/30/10	RESEARCH	
		WANG, TONG	FOOD SCIENCE & HUMAN NUTRITION-AES/CALS	
	CO-PI	WANG, HUI	CENTER FOR CROPS UTILIZATION RESEARCH-AES/CALS	
	\$43,670	IOWA EGG COUNCIL		400-42-40
<b>105322</b>		Evaluation of Different Diets on Ammonia Emission and Production Performance of Laying Hens		
		11/1/09 to 6/30/10	RESEARCH	
		XIN, HONGWEI	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
	CO-PI	LI, HONG	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
	\$42,501	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		422-21-06
<b>99338</b>		Intermediate Mass Star Formation–Bridging High and Low-mass Regimes		
		1/1/10 to 12/31/12	RESEARCH	
		KERTON, CHARLES	PHYSICS & ASTRONOMY-LAS	
	\$41,140	UNIVERSITY OF ILLINOIS		400-43-93
<b>99153</b>		Identification and Utilization of Resistance to Soybean Rust		
		1/1/09 to 12/31/10	RESEARCH	
		CIANZIO, SILVIA	AGRONOMY-AES/CALS	



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\$40,000	ADVANCED TECHNOLOGY INSTITUTE			404-20-63
<b>54211</b>	Instrumentation and Control for Energy Efficiency and Productivity			
	3/21/05 to 6/30/10	RESEARCH		
	PETERS, FRANK		INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING	
CO-PI	FRANK, MATTHEW		INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING	
\$40,000	THE TRANSTEC GROUP, INC			404-17-10
<b>99287</b>	Accelerated Implementation of Intelligent Compaction Technology for Embankment Subgrade Soils, Aggregate Base, and Asphalt Pavement Materials, US 69 KANSAS			
	5/1/09 to 12/31/09	RESEARCH		
	WHITE, DAVID		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$35,000	IOWA SOYBEAN ASSOCIATION			450-40-13
<b>99400</b>	Toxins and Laccases: Potential Pathogenic Weapons in Soybean Sudden Death Syndrome			
	10/1/09 to 9/30/10	RESEARCH		
	LEANDRO, LEONOR		PLANT PATHOLOGY-AES/CALS	
CO-PI	MBOFUNG, GLADYS		PLANT PATHOLOGY-AES/CALS	
\$34,995	IOWA DEPARTMENT OF TRANSPORTATION			474-79-97
<b>106180</b>	PONTIS Implementation and Operation: Iowa Department of Transportation			
	11/1/07 to 12/31/10	RESEARCH		
	SMADI, OMAR		INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$34,757	IOWA DEPARTMENT OF TRANSPORTATION			474-17-55
<b>106116</b>	Smart Work Zone Deployment Initiative for 2010-2011			
	12/1/04 to 12/31/10	RESEARCH		
	MCDONALD, THOMAS		INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	

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\$34,390	NATIONAL SCIENCE FOUNDATION			420-61-40
<b>98774</b>	NSF-CBMS Regional Conference: The Mutually Beneficial Relationship of Matrices and Graphs			
	1/1/10 to 12/31/10	RESEARCH		
	HOGBEN, LESLIE		MATHEMATICS-LAS	
\$30,317	TOURISM LUCAS COUNTY BOARD			400-28-33
<b>106049</b>	Lucas County Tourism Marketing Plan			
	2/9/10 to 5/31/12	EXTENSION/PUBLIC		
	TANG, LIANG		APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS	
CO-PI	ZHENG, TIANSHU		APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS	
\$30,000	AIR FORCE RESEARCH LABORATORY			421-20-02
<b>104018</b>	Leaky Waves in Metamaterials for Antenna Applications			
	1/14/10 to 1/17/11	RESEARCH		
	SONG, JIMING		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$28,338	NATIONAL INSTITUTES OF HEALTH			430-66-01
<b>96785</b>	Coarse-grained Models of Proteins			
	1/1/10 to 12/31/10	RESEARCH		
	JERNIGAN, ROBERT		BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES	
CO-PI	KLOCZKOWSKI, ANDRZEJ		PLANT SCIENCES INSTITUTE-VPR/ED	
\$27,829	MAYO CLINIC			404-21-88
<b>90912</b>	Improving Colonoscopy Quality through Automated Monitoring			
	9/1/09 to 5/31/10	RESEARCH		
	TAVANAPONG, WALLAPAK		COMPUTER SCIENCE	
CO-PI	WONG, JOHNNY		COMPUTER SCIENCE	
\$26,575	OAK RIDGE NATIONAL LABORATORY			401-25-08
<b>98307</b>	Formation Mechanisms and Optical Properties of Low-dimensional Materials			
	4/20/09 to 1/31/10	RESEARCH		
	HO, KAI-MING		PHYSICS & ASTRONOMY-LAS	
CO-PI	WANG, CAI-ZHUANG		AMES LABORATORY DOE-VPR/ED	

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\$24,998	UNIVERSITY OF IOWA				475-20-24
<b>99566</b>	Segmental Bone Defect				
	9/1/09	to	8/31/10	RESEARCH	
	FRANK, MATTHEW			INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
\$20,000	ADVANCED TECHNOLOGY INSTITUTE				404-20-38
<b>54112</b>	Determination of Transformation Diagrams for the Superaustenitic Stainless Steel Casting Alloys				
	1/1/04	to	6/30/10	RESEARCH	
	CHUMBLEY, LEONARD			MATERIALS SCIENCE & ENGINEERING	
CO-PI	GLEESON, BRIAN			MATERIALS SCIENCE & ENGINEERING	
\$20,000	COLLABORATIVE HEALTH SOLUTIONS, LLC				400-17-52
<b>106040</b>	Social Network Algorithms for Patient to Illness Matching and Patient to Patient Matching				
	1/1/10	to	8/15/10	RESEARCH	
	HONAVAR, VASANT			COMPUTER SCIENCE-LAS	
\$20,000	NATIONAL GEOGRAPHIC SOCIETY				400-21-45
<b>106510</b>	Social Cohesion, Social Relationships and Sharing Behavior Among Savanna Chimpanzees				
	3/6/10	to	3/31/11	RESEARCH	
	PRUETZ, JILL			ANTHROPOLOGY-LAS	
\$19,520	DEPARTMENT OF AGRICULTURE, ARS				419-23-15
<b>106933</b>	Research Support Agreement				
	2/1/10	to	9/30/10	RESEARCH	
	NOLAN, LISA			VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$19,390	ARMY CORPS OF ENGINEERS				421-20-36
<b>98262</b>	Water Quality Study, Saylorville Reservoir				
	12/11/09	to	2/28/10	RESEARCH	
	LUTZ, DONNA			CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	ONG, SAY			CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	

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\$18,457	MICHIGAN TECHNOLOGICAL UNIVERSITY			404-40-68
<b>97731</b>	Enhancing the Capacity for Sustainable Forest Management and Ecosystem Service Provisioning in Chiapas and Oaxaca			
	2/16/09 to 9/30/11	RESEARCH		
	ASBJORNSEN, HEIDI		NATURAL RESOURCE ECOLOGY & MANAGEMENT-CALS	
\$17,283	UNIVERSITY OF MISSOURI			404-30-19
<b>106677</b>	Healthy Relationship and Marriage Education Training Project (HRMET) Year 2			
	9/30/09 to 9/29/10	INSTRUCTION/TRAINING		
	GREDER, KIMBERLY		HUMAN DEVELOPMENT & FAMILY STUDIES-EXT	
CO-PI	SANTIAGO, ANTONIO		EXTENSION TO FAMILIES-EXT	
\$15,000	AIR FORCE RESEARCH LABORATORY			421-20-40
<b>97678</b>	Adaptive Guidance for Responsive Launch and Operations			
	6/29/10 to 2/10/11	RESEARCH		
	LU, PING		AEROSPACE ENGINEERING-ENGR	
\$14,036	ARMY CORPS OF ENGINEERS			421-20-35
<b>98271</b>	Water Quality Study, Red Rock Reservoir			
	12/11/09 to 2/28/10	RESEARCH		
	LUTZ, DONNA		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	ONG, SAY		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$12,487	ARIZONA STATE UNIVERSITY			404-21-89
<b>105901</b>	Integrating Machine Learning and Knowledge Representation for Discovery of Social Goal of Groups and Group Members from Their Language Usage			
	8/24/09 to 10/23/10	RESEARCH		
	AIST, GREGORY		ENGLISH-LAS	
\$10,017	VISUAL MEDICAL SOLUTIONS, LLC			400-75-45
<b>106519</b>	Interaction and Segmentation Techniques for Orthopedic, Endoscopic, Colorectal and Oncological Surgeons			
	2/1/10 to 2/28/11	RESEARCH		
	GILBERT, STEPHEN		INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY ADMINISTRATION-VPR/ED	
CO-PI	MUFF, BRIAN		INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VP	

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

\$9,584	IOWA DEPARTMENT OF TRANSPORTATION		474-17-52
<b>106225</b>	Aurora Project 2009-03-RWIS Knowledge Base		
	1/26/10 to 12/31/10	RESEARCH	
	HAWKINS, NEAL	INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	ALBRECHT, CHRISTOPHER	INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$9,024	DEPARTMENT OF AGRICULTURE, ARS		419-40-20
<b>105496</b>	Heat and Moisture Production Rates of Modern Swine and Their Housing Systems		
	2/1/10 to 2/1/12	RESEARCH	
	XIN, HONGWEI	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
CO-PI	LI, HONG	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$7,594	CENTERVILLE COMMUNITY SCHOOL DISTRICT		400-30-12
<b>105136</b>	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	
\$7,000	EMBRIA		400-28-84
<b>106551</b>	Effectiveness of EpiCor in Improving Immune Function, Inflammation, and Performance After Intense Exercise		
	4/1/08 to 5/31/10	RESEARCH	
	KOHUT, MARIAN	KINESIOLOGY-HS	
CO-PI	SHARP, RICKEY	KINESIOLOGY-HS	
\$4,800	IOWA DEPARTMENT OF PUBLIC HEALTH		478-14-03
<b>106420</b>	Influenza Incidence Surveillance Project		
	10/4/09 to 5/31/10	RESEARCH	
	HENDRICKS, MICHELLE	STUDENT HEALTH CENTER-VPSA	
\$4,763	DARTMOUTH COLLEGE		404-17-77
<b>98346</b>	Psychological and Behavioral Predictors of HPV Vaccination in African American Women		
	4/1/09 to 12/31/10	RESEARCH	
	CUTRONA, CAROLYN	PSYCHOLOGY-LAS	

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

\$2,918	IOWA DEPARTMENT OF PUBLIC HEALTH			472-28-06
<b>105123</b>	Practice Level e-Health Assessment			
	9/30/09 to 3/31/10	RESEARCH		
	ANDERSON, MARY		RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	
\$2,000	IOWA SHEEP AND WOOL PROMOTION BOARD			459-23-03
<b>104965</b>	Training the Next Generation of Small Ruminant Veterinarians			
	9/1/09 to 9/1/10	INSTRUCTION/TRAINING		
	PLUMMER, PAUL		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$1,688	COMMUNITY FOUNDATION OF THE GREAT RIVER BEND			400-30-12
<b>105137</b>	Local Support for Iowa AmeriCorps State of Promise Program			
	9/1/10 to 8/31/10	EXTENSION/PUBLIC		
	BROSHAR, DON		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,563	MAHASKA COMMUNITY RECREATION FOUNDATION			400-30-12
<b>105424</b>	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	
\$1,480	CORNELL UNIVERSITY			404-21-63
<b>92401</b>	Genomic Analyses of Shoot Meristem Function in Maize			
	9/1/09 to 8/31/10	RESEARCH		
	NETTLETON, DANIEL		STATISTICS-LAS	
\$844	MERRYMAKERS ASSOCIATION			400-30-12
<b>105135</b>	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**

\$844 WAPELLO COUNTY AGRICULTURAL EXTENSION

400-30-12

**106135** 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