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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$2,370,000	STATE OF IOWA OFFICE OF ENERGY INDEPENDENCE	478-17-18
93637	Clean Gasification Platform for Renewable Power, Energy and Ethanol from Biomass	
	11/12/08 to 2/2/11 RESEARCH	
	KONG, SONG-CHARNG MECHANICAL ENGINEERING-ENGR	
CO-PI	BROWN, ROBERT MECHANICAL ENGINEERING-ENGR	
CO-PI	LIN, SHANG-YI CHEMISTRY-LAS	
CO-PI	JONES, SAMUEL CENTER FOR SUSTAINABLE ENVIRONMENTAL TECHNOLOGIES - IPRT-VPR/ED	
\$1,690,024	STATE OF IOWA OFFICE OF ENERGY INDEPENDENCE	478-25-40
93459	Efficient, Low Cost, Solar Energy Conversion	
	11/12/08 to 2/28/12 RESEARCH	
	DALAL, VIKRAM ELECTRICAL & COMPUTER ENGINEERING-ENGR	
CO-PI	KIM, JAEYOUN ELECTRICAL & COMPUTER ENGINEERING-ENGR	
CO-PI	CHAUDHARY, SUMIT ELECTRICAL & COMPUTER ENGINEERING-ENGR	
CO-PI	SHINAR, JOSEPH PHYSICS & ASTRONOMY-LAS	
CO-PI	BISWAS, RANA PHYSICS & ASTRONOMY-LAS	
CO-PI	SHINAR, RUTH MICROELECTRONICS RESEARCH CENTER - IPRT-VPR/ED	
CO-PI	JEFFRIES-EL, MALIKA CHEMISTRY-LAS	
\$749,345	DEPARTMENT OF AGRICULTURE, CSREES	416-41-14
94163	Developing Predictive Models for Identifying Pigs with Superior Immune Response and Improved Food Safety	
	1/1/09 to 12/31/11 RESEARCH	
	TUGGLE, CHRIS ANIMAL SCIENCE-CALS	
CO-PI	HONAVAR, VASANT COMPUTER SCIENCE-LAS	
CO-PI	WANNEMUEHLER, MICHAEL VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
CO-PI	NETTLETON, DANIEL STATISTICS-LAS	
\$629,146	DEPARTMENT OF ENERGY	401-25-01
93016	Operating and Management Support for the Ames Laboratory	
	11/1/08 to 9/30/09 RESEARCH	
	KING, ALEXANDER AMES LABORATORY	

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\$486,842 DEPARTMENT OF ENERGY

401-25-01

93016 Operating and Management Support for the Ames Laboratory

11/1/08 to 9/30/09 RESEARCH
KING, ALEXANDER AMES LABORATORY

\$484,576 DEPARTMENT OF ENERGY

401-21-22

82117 Investigations in Experimental and Theoretical High Energy Physics

11/1/08 to 10/31/09 RESEARCH
KRENNRICH, FRANK PHYSICS & ASTRONOMY
CO-PI VALENCIA, GERMAN PHYSICS & ASTRONOMY
CO-PI WHISNANT, KERRY PHYSICS & ASTRONOMY
CO-PI ATWOOD, DAVID PHYSICS & ASTRONOMY
CO-PI ROSENBERG, ELI PHYSICS & ASTRONOMY
CO-PI CARTER-LEWIS, DAVID PHYSICS & ASTRONOMY
CO-PI POHL, MARTIN PHYSICS & ASTRONOMY
CO-PI HAUPTMAN, JOHN PHYSICS & ASTRONOMY
CO-PI COCHRAN, JAMES PHYSICS & ASTRONOMY
CO-PI CRAWLEY, HENRY PHYSICS & ASTRONOMY
CO-PI PRELL, SOEREN PHYSICS & ASTRONOMY
CO-PI MEYER, WALTER PHYSICS & ASTRONOMY

\$450,000 SMALL BUSINESS ADMINISTRATION

435-08-02

94519 Small Business Development Cooperative Agreement

10/1/08 to 9/30/09 EXTENSION/PUBLIC
HECKMANN, JAMES BUSINESS ADMINISTRATION-BUS

\$400,000 AMERICAN CONCRETE PAVEMENT ASSOCIATION

400-17-59

97569 Management of the National Concrete Pavement Tech Center

1/1/09 to 12/31/09 DEPT/ADMIN SUPPORT
CACKLER, ELLS CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
CO-PI NAMBISAN, SHASHI CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

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\$321,922 NATIONAL INSTITUTES OF HEALTH

430-17-13

94191 Neuroinflammatory Mechanisms in the Progression of Parkinsons Disease

2/15/09 to 1/31/10 RESEARCH

CO-PI KANTHASAMY, ARTHI BIOMEDICAL SCIENCES-VET
KANTHASAMY, ANUMANTHA BIOMEDICAL SCIENCES-VET

\$299,866 DARTMOUTH UNIVERSITY

404-17-22

96282 Factors Influencing the Health Behaviors of Young African American Adults

7/1/08 to 12/31/08 RESEARCH

CUTRONA, CAROLYN PSYCHOLOGY-LAS

\$293,000 FEDERAL HIGHWAY ADMINISTRATION

436-17-09

96643 CP Road Map Administrative Support Contract #3

9/11/08 to 9/29/09 RESEARCH

CO-PI WIEGAND, PAUL CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
NAMBISAN, SHASHI CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

\$292,489 DARTMOUTH UNIVERSITY

404-17-22

96282 Factors Influencing the Health Behaviors of Young African American Adults

7/1/08 to 12/31/09 RESEARCH

CUTRONA, CAROLYN PSYCHOLOGY-LAS

\$260,445 NATIONAL INSTITUTES OF HEALTH

430-21-36

81059 Regulation of Chromatin Structure and Gene Expression

1/1/09 to 12/31/09 RESEARCH

CO-PI JOHANSEN, KRISTEN BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY
JOHANSEN, JORGEN BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY
CO-PI GIRTON, JACK BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY

\$247,976 NATIONAL INSTITUTES OF HEALTH

430-23-29

85345 Modulation and Resistance of Levamisole Receptor Channels

1/1/09 to 12/31/09 RESEARCH

MARTIN, RICHARD BIOMEDICAL SCIENCES

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$227,032 IOWA DEPARTMENT OF PUBLIC HEALTH

478-30-22

96545 M C H 1-800 Healthy Families Teenline

10/1/08 to 9/30/09 EXTENSION/PUBLIC

CO-PI GLENN, SHERRY EXTENSION TO FAMILIES-EXT
VANGINKEL, MARGARET EXTENSION TO FAMILIES-EXT

\$226,068 COFFEE CREEK WATERSHED IMPROVEMENT ASSOCIATION, INC

400-30-77

97602 North Fork Maquoketa River Headwaters Watershed Project

7/1/08 to 6/30/11 EXTENSION/PUBLIC

CO-PI MILLER, GERALD AGRONOMY-EXT
MORTON, LOIS SOCIOLOGY-EXT

\$209,000 UNIVERSITY OF TENNESSEE

404-21-43

85409 The Computational Chemistry End Station

1/1/08 to 12/31/09 RESEARCH
GORDON, MARK CHEMISTRY

\$170,000 CRAY, INC

400-26-04

97904 High Performance Computing Projects

1/1/09 to 12/31/09 RESEARCH

CO-PI LUECKE, GLENN MATHEMATICS-LAS
COYLE, JAMES INFORMATION TECHNOLOGY SERVICES-PROV

\$162,954 IOWA DEPARTMENT OF TRANSPORTATION

474-17-49

96879 Planning, Implementation, and Operation of the Iowa Pavement Management Program

11/1/07 to 12/31/09 RESEARCH

CO-PI SMADI, OMAR CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
NAMBISAN, SHASHI CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
CO-PI HANS, ZACHARY CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

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\$162,500	UNIVERSITY OF NORTHERN IOWA			475-20-32
97463	Project Lead the Way Expansion			
	7/1/08 to 5/31/09	MISCELLANEOUS		
	ZACHARY, LOREN	ENGINEERING ADMINISTRATION-ENGR		
\$144,543	UNIVERSITY OF MINNESOTA			410-30-52
91789	Facilitating Change: Reducing the Risks of Transitioning to Organic Through a Comprehensive Farmer and Extension-Based Training Program			
	9/1/08 to 8/31/11	EXTENSION/PUBLIC		
	DELATE, KATHLEEN	AGRONOMY		
CO-PI	CHASE, CRAIG	EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT		
\$136,000	DEPARTMENT OF ENERGY			401-21-27
96323	Building a Universal Nuclear Energy Density Functional			
	12/1/08 to 11/30/09	RESEARCH		
	VARY, JAMES	PHYSICS & ASTRONOMY-LAS		
\$128,000	FEDERAL AVIATION ADMINISTRATION			437-25-01
92733	Nondestructive Evaluation for Damage in Composites and Their Repair			
	2/9/09 to 3/9/10	RESEARCH		
	BRASCHE, LISA	AIRWORTHINESS ASSURANCE CENTER OF EXCELLENCE-IPRT-VPR/ED		
CO-PI	HSU, DAVID	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED		
CO-PI	BARNARD, DAN	CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED		
\$125,000	NATIONAL SCIENCE FOUNDATION			420-61-74
77828	Novel Signaling Components for Plant Steroid Regulated Gene Expression in Arabidopsis			
	3/1/09 to 2/28/10	RESEARCH		
	YIN, YANHAI	GENETICS, DEVELOPMENT & CELL BIOLOGY		
\$124,997	IOWA DEPARTMENT OF TRANSPORTATION			474-17-75
96289	Investigation of Warm-Mix Asphalt Using Iowa Aggregate			
	1/27/09 to 8/31/10	RESEARCH		
	WILLIAMS, R	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR		
CO-PI	NAMBISAN, SHASHI	CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED		

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\$90,795	DEPARTMENT OF AGRICULTURE, CSREES		416-40-16
96786	Regulation of the Development of IVF and SCNT Embryos by MicroRNAs		
	1/1/08 to 12/31/09	RESEARCH	
	ROSS, JASON	ANIMAL SCIENCE-AES	
\$88,885	PRINCETON UNIVERSITY		404-20-02
82674	Rheological Behavior of Dense Assemblies of Granular Materials		
	4/1/07 to 3/31/10	RESEARCH	
	SUBRAMANIAM, SHANKAR	MECHANICAL ENGINEERING	
\$87,000	UNIVERSITY OF CALIFORNIA		404-20-31
96932	Advanced Dispatch for Hybrid Wind Systems		
	2/3/09 to 3/30/10	RESEARCH	
	ALIPRANTIS, DIONYSIOS	ELECTRICAL & COMPUTER ENGINEERING-ENGR	
CO-PI	AJJARAPU, VENKATARAMANA	ELECTRICAL & COMPUTER ENGINEERING-ENGR	
CO-PI	MCCALLEY, JAMES	ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$83,000	IDAHO NATIONAL LABORATORY		404-25-06
97462	Biomass Feedstock Assembly to Gasification Process Computational Interface Development		
	7/30/07 to 9/30/09	RESEARCH	
	BRYDEN, KENNETH	MECHANICAL ENGINEERING-ENGR	
\$80,000	NATIONAL SCIENCE FOUNDATION		420-17-45
84222	CAREER: Practical Design for Secure and Resilient Resource-constrained Wireless Networks		
	1/1/07 to 12/31/09	RESEARCH	
	GUAN, YONG	ELECTRICAL & COMPUTER ENGINEERING	
\$78,607	DEPARTMENT OF AGRICULTURE, ARS		419-23-10
93917	Study of PRRSV and PRRS Related Diseases		
	7/1/08 to 12/31/09	RESEARCH	
	BAKER, RODNEY	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	RAMIREZ, ALEJANDRO	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	

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\$75,000	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	421-21-16
92699	Potential Energy Surfaces and Dynamics for Energetic Ionic Liquids	
	2/1/09 to 11/30/09 RESEARCH	
	GORDON, MARK CHEMISTRY-LAS	
\$65,958	UNIVERSITY OF MINNESOTA	410-40-38
96067	Learning How to Use Communities of Practice to Address Sustainable Agriculture Issues	
	1/1/09 to 1/1/11 INSTRUCTION/TRAINING	
	PIROG, RICHARD LEOPOLD CENTER-AES	
CO-PI	LARABEE, BETH LEOPOLD CENTER-AES	
\$65,042	FLORIDA INTERNATIONAL UNIVERSITY	404-25-20
93150	Improvement of Postsecondary Education-Comprehensive Program	
	1/18/08 to 1/14/10 RESEARCH	
	WINER, ELIOT MECHANICAL ENGINEERING-ENGR	
\$60,000	CONSORTIUM FOR PLANT BIOTECHNOLOGY RESEARCH, INC	404-40-49
86391	Plant Resistance to Aphids Mediated by an Insect Virus	
	1/1/08 to 12/31/09 RESEARCH	
	BONNING, BRYONY ENTOMOLOGY	
CO-PI	MILLER, WYATT PLANT PATHOLOGY	
\$60,000	THE TRANSTEC GROUP, INC	404-17-10
96113	Accelerated Implementation of Intelligent Compaction Technology for Embankment Subgrade Soils, Aggregate Base, and Asphalt Pavement Materials-US 69 Kansas	
	9/27/07 to 9/27/10 RESEARCH	
	WHITE, DAVID CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	NAMBISAN, SHASHI CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$51,364	SOUTHWEST IOWA COALITION	400-30-67
97657	Southwest Iowa Coalition Program Coordination	
	1/1/09 to 12/31/11 EXTENSION/PUBLIC	
	BORICH, TIMOTHY COMMUNITY & REGIONAL PLANNING-EXT	

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	\$49,033	IOWA EGG COUNCIL		400-42-86
96121		Assessing Hen Response to Ammonia and Thermal Comfort Combinations via Preference Test		
		7/1/08 to 6/30/09	RESEARCH	
		XIN, HONGWEI	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	
	CO-PI	LI, HONG	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	
	\$48,971	IOWA STATE UNIVERSITY RESEARCH FOUNDATION		405-25-13
97950		Evaluation of Impact of a Novel Polyester Fabric Decolorizing Process on Fabric Properties		
		1/15/09 to 1/14/10	RESEARCH	
		VERKADE, JOHN	CHEMISTRY-LAS	
	CO-PI	KADOLPH, SARA	APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS	
	\$46,667	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 7/31/09	RESEARCH	
		WANG, XINWEI	MECHANICAL ENGINEERING-ENGR	
	\$45,694	IOWA DEPARTMENT OF TRANSPORTATION		474-17-66
97774		Wind Monitoring of the Red Rock Reservoir Bridge for Wind Induced Vibrations with Remote, Cellular-Based Notification		
		2/1/09 to 7/31/10	RESEARCH	
		PHARES, BRENT	CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
	CO-PI	NAMBISAN, SHASHI	CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
	\$44,999	JAPAN AEROSPACE EXPLORATION AGENCY		400-60-01
96550		Basic Research on Efficient Solution Algorithms for All Speed Flow Solver		
		12/1/08 to 2/27/09	RESEARCH	
		WANG, ZHI	AEROSPACE ENGINEERING-ENGR	
	\$40,000	DEPARTMENT OF ENERGY		401-20-03
80641		Industrial Assessment Center		
		9/1/06 to 8/31/11	RESEARCH	
		MAXWELL, GREGORY	MECHANICAL ENGINEERING	
	CO-PI	PETERS, FRANK	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING	

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\$40,000	DEPARTMENT OF ENERGY				401-20-03
80641	Industrial Assessment Center				
	9/1/06 to 8/31/11	RESEARCH			
CO-PI	NELSON, RON		MECHANICAL ENGINEERING		
\$38,160	IOWA SOYBEAN ASSOCIATION				450-49-18
97958	Statistical Analysis for the Effects of Management Practices, Soil, and Weather on Corn Yield Differences in Normal Minus 50 On-Farm Nitrogen Trials in Iowa				
	1/15/09 to 1/15/10	RESEARCH			
	CARAGEA, PETRUTA		STATISTICS-LAS		
CO-PI	NORDMAN, DANIEL		STATISTICS-LAS		
CO-PI	KAISER, MARK		STATISTICS-LAS		
\$36,000	SMITHSONIAN ASTROPHYSICAL OBSERVATORY, SMITHSONIAN INSTITUTION				404-21-73
96160	ChInGeS:The Chandra Arp Interacting Galaxies Survey				
	1/1/09 to 7/31/10	RESEARCH			
	STRUCK, CURTIS		PHYSICS & ASTRONOMY-LAS		
\$35,000	COTTON INCORPORATED				400-21-51
95659	Comparative Evolutionary Proteomics of Cotton				
	1/1/09 to 12/31/09	RESEARCH			
	WENDEL, JONATHAN		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS		
\$30,235	IOWA DEPARTMENT OF PUBLIC HEALTH				478-40-29
97694	Epidemiology and Laboratory Capacity for Infectious Diseases				
	1/1/09 to 12/31/09	RESEARCH			
	BARTHOLOMAY, LYRIC		ENTOMOLOGY-CALS		
\$28,500	DEPARTMENT OF ENERGY				401-21-22
93764	Investigations in Experimental and Theoretical High Energy Physics				
	11/1/07 to 10/31/08	RESEARCH			
	ROSENBERG, ELI		PHYSICS & ASTRONOMY-LAS		

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\$27,386	IOWA DEPARTMENT OF HUMAN SERVICES	470-28-25
97412	Child Support Training BOC-07-021 Sixth Amendment	
	1/12/09 to 6/30/09 EXTENSION/PUBLIC	
	LEMPERS, JACOBUS HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
\$25,000	LANCE ARMSTRONG FOUNDATION	400-28-73
88691	Deep-CS: Diet and Exercise Education Program for Cancer Survivors	
	11/1/07 to 10/31/09 INSTRUCTION/TRAINING	
	MACDONALD, RUTH FOOD SCIENCE & HUMAN NUTRITION	
CO-PI	WELK, GREGORY KINESIOLOGY	
CO-PI	ANDERSON, JEAN FOOD SCIENCE & HUMAN NUTRITION	
CO-PI	BARCLAY, SALLY FOOD SCIENCE & HUMAN NUTRITION	
\$25,000	ALLIANT ENERGY	400-20-70
98110	Alliant Energy-Electric Power Research Center	
	1/1/09 to 12/31/09 RESEARCH	
	BAIRD, TOM ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$23,068	UNIVERSITY OF MINNESOTA	410-25-04
96996	Barley Coordinated Agriculture Project: Leveraging Genomics, Genetics, and Breeding for Gene Discovery	
	4/1/06 to 3/31/10 RESEARCH	
	DICKERSON, JULIE ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$21,524	IOWA DEPARTMENT OF NATURAL RESOURCES	473-44-03
97839	Data Integration for Storet and DNR Mini-Report Web Application	
	2/1/09 to 7/31/09 RESEARCH	
	DOWNING, JOHN ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-CALS	
\$20,000	NAMBO, INC.	400-42-80
97506	Development of Ammonia Pretreatment Reactor for Lignocellulosic Bioethanol Production	
	12/1/08 to 11/30/09 RESEARCH	
	KIM, TAE AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	

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\$20,000	JET PROPULSION LABORATORY			404-21-74
97893	GLIMPSE360: Completing the Spitzer Galactic Plane Survey			
	2/10/09 to 6/30/10	RESEARCH		
	KERTON, CHARLES		PHYSICS & ASTRONOMY-LAS	
\$19,996	WEST CENTRAL COOPERATIVE			404-20-32
97459	Dissolution of Novel Plastics in Biodiesel			
	1/1/09 to 4/1/09	RESEARCH		
	NARASIMHAN, BALAJI		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
CO-PI	MALLAPRAGADA, S.		CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$18,350	VAN BEEK NATURAL SCIENCE, LLC			400-75-28
97509	Antimicrobial Activity of Essential Oils Part II: Formulation Testing, Blend Optimization, Expanded Pathogen Testing, Activity Enhancement and Alternative Delivery Strategies (Year 2)			
	9/18/07 to 12/31/09	RESEARCH		
	BREHM-STECHER, BYRON		FOOD SCIENCE & HUMAN NUTRITION-HS	
CO-PI	MUMM, LYNNE		INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY-VPR/ED	
\$17,550	FOX ENGINEERING ASSOCIATES, INC			400-75-26
97075	Biological Nutrient Removal of Nitrogen Using Cyclic Aeration in Activated Sludge Treatment Systems			
	12/1/08 to 12/31/09	RESEARCH		
	ONG, SAY		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	MUMM, LYNNE		INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY-VPR/ED	
\$16,687	IOWA DEPARTMENT OF TRANSPORTATION			474-17-56
96157	Iowa Department of Transportation Safety Analysis Coordination			
	11/15/08 to 6/30/09	RESEARCH		
	SOULEYRETTE, REGINALD		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$15,000	IOWA DEPARTMENT OF TRANSPORTATION			474-77-07
96850	Evaluation of 70 MPH Speed Limit			
	3/1/06 to 8/31/09	RESEARCH		
	SOULEYRETTE, REGINALD		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	

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\$15,000	IOWA DEPARTMENT OF TRANSPORTATION			474-77-07
96850	Evaluation of 70 MPH Speed Limit			
	3/1/06 to 8/31/09	RESEARCH		
CO-PI	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$15,000	FORT DODGE COMMUNITY SCHOOL DISTRICT			400-28-96
97854	Evaluation of the BLAST! After School Program at Butler Elementary in Fort Dodge, Iowa			
	10/1/08 to 9/30/13	RESEARCH		
	KEMIS, MARI		RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	
\$14,035	IOWA EGG COUNCIL			400-43-34
93892	Production of Ovotransferrin from Egg White for Antimicrobial Application			
	7/1/08 to 6/30/09	RESEARCH		
	AHN, DONG		ANIMAL SCIENCE-AES	
CO-PI	MENDONCA, AUBREY		FOOD SCIENCE & HUMAN NUTRITION-CALS	
CO-PI	LEE, EUN		ANIMAL SCIENCE-AES	
\$11,792	PIONEER HI-BRED INTERNATIONAL			400-48-66
98150	Corn Insect Research Project			
	11/11/08 to 2/27/10	RESEARCH		
	GASSMANN, AARON		ENTOMOLOGY-AES	
\$11,100	DEERE AND COMPANY- DUBUQUE WORKS			400-25-71
97608	Ultrasonic Evaluation of Bushings			
	1/15/09 to 4/30/09	RESEARCH		
	UTRATA, DAVID		CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED	
\$10,000	ADVANCED TECHNOLOGY INSTITUTE			404-20-63
54211	Instrumentation and Control for Energy Efficiency and Productivity			
	3/21/05 to 6/30/09	RESEARCH		
	PETERS, FRANK		INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING	
CO-PI	FRANK, MATTHEW		INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING	

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\$10,000	DEPARTMENT OF AGRICULTURE, CSREES	416-41-45
97399	Oxidation and Nitration: Novel Mechanisms Governing Meat Quality	
	9/1/06 to 8/31/09 RESEARCH	
	LONERGAN, ELISABETH ANIMAL SCIENCE-CALS	
\$10,000	SCIENCE APPLICATIONS INTERNATIONAL CORPORATION	404-17-48
97806	Pavement Markings Concept	
	5/30/06 to 6/30/09 RESEARCH	
	SMADI, OMAR CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
CO-PI	HAWKINS, NEAL CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$9,703	IOWA DEPARTMENT OF ECONOMIC DEVELOPMENT	478-30-35
97668	Youth Providing Services Project	
	1/1/09 to 12/31/09 EXTENSION/PUBLIC	
	MORRIS, JOHN EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$9,496	BAYLOR COLLEGE OF MEDICINE	410-23-09
64795	Mannheimia haemolytica Transcription Profiling In Vitro and In Vivo	
	8/1/04 to 7/31/09 RESEARCH	
	ACKERMANN, MARK VETERINARY PATHOLOGY	
\$7,596	LEE COUNTY AGRICULTURAL EXTENSION DISTRICT	400-39-77
97957	Lee County Parenting Education	
	11/1/03 to 12/31/09 EXTENSION/PUBLIC	
	MARTIN, PEGGY EXTENSION TO FAMILIES-EXT	
\$7,474	INSTITUTE FOR CHARACTER DEVELOPMENT	400-28-80
97778	Program Evaluation of the Iowa Character Counts Initiative	
	11/1/07 to 2/28/09 RESEARCH	
	GALLOWAY, ROBIN RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	
CO-PI	KEMIS, MARI RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$7,031	CENTERVILLE COMMUNITY SCHOOL DISTRICT	400-33-64
96221	Local Support for Iowa AmeriCorps State of Promise Program	
	9/1/08 to 8/31/09 EXTENSION/PUBLIC	
	BROSHAR, DONNIE EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$7,000	UNIVERSITY OF CALIFORNIA-DAVIS	404-28-69
97264	Parental Feeding Style and Dietary Intake in Ghanaian Children 2 to 5 Years of Age	
	1/1/09 to 6/30/09 RESEARCH	
	MARQUIS, GRACE FOOD SCIENCE & HUMAN NUTRITION-HS	
\$6,000	NATIONAL SCIENCE FOUNDATION	420-20-73
97959	Microfabrications and Manufacture of 3C-SIC MEMS Pressure Sensors for Harsh Environments	
	7/1/06 to 6/30/10 RESEARCH	
	MOLIAN, PALANIAPPA MECHANICAL ENGINEERING-ENGR	
\$5,616	UNIVERSITY OF NORTHERN IOWA	475-28-17
97406	Furthering Seamless Transitions Into and Through Science Teacher Education	
	1/16/09 to 5/31/09 RESEARCH	
	OLSON, JOANNE CURRICULUM & INSTRUCTION-HS	
\$4,556	CHEROKEE AREA ECONOMIC DEVELOPMENT	400-61-61
95651	Phase 1 Archaeological Survey for Economic Development Project in Cherokee County	
	7/6/08 to 12/1/08 EXTENSION/PUBLIC	
	HILL, MATTHEW ANTHROPOLOGY-LAS	
\$3,549	BLACK HAWK COUNTY ENGINEER	400-61-61
97762	Phase I Archaeological Survey for Osage Road Grade and Pave	
	1/12/09 to 6/30/09 EXTENSION/PUBLIC	
	HILL, MATTHEW ANTHROPOLOGY-LAS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$3,514	DES MOINES COUNTY EXTENSION SERVICE	400-33-41
85742	Local Support for Iowa FNP-Local Match	
	10/1/06 to 9/30/09 EXTENSION/PUBLIC	
	MARTIN, PEGGY EXTENSION TO FAMILIES	
\$3,400	MARSHALL COUNTY AGRICULTURAL EXTENSION	400-33-41
86174	Local Support for Iowa FNP	
	10/1/06 to 9/30/09 EXTENSION/PUBLIC	
	MARTIN, PEGGY EXTENSION TO FAMILIES	
\$3,125	WOODBURY COUNTY EXTENSION	400-33-64
98300	Local Support for Iowa AmeriCorps State of Promise Program	
	9/1/08 to 8/31/09 EXTENSION/PUBLIC	
	BROSHAR, DONNIE EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,943	HAMILTON COUNTY ENGINEER	400-61-61
97763	Phase I Archaeological Survey for Bridges M2.1 and Q14.1	
	1/15/09 to 6/30/09 EXTENSION/PUBLIC	
	HILL, MATTHEW ANTHROPOLOGY-LAS	
\$1,800	IOWA DEPARTMENT OF ECONOMIC DEVELOPMENT	478-17-15
96976	Targeted Industries Networking Fund Program	
	11/20/08 to 3/17/09 RESEARCH	
	JACOBSON, DOUG ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$1,298	DEPARTMENT OF AGRICULTURE, FSA	412-21-11
98144	Phase 1 Archaeological Survey in Howard County	
	2/16/09 to 6/30/09 EXTENSION/PUBLIC	
	HILL, MATTHEW ANTHROPOLOGY-LAS	

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\$1,287 KEMIN NUTRISURANCE

400-41-86

91995 Mineral Status and Physical Exercise in Horses

1/1/08 to 12/31/08 RESEARCH
AUWERDA, PEGGY ANIMAL SCIENCE

\$781 HORIZON AFTER SCHOOL PROGRAM

400-33-64

96595 Local Support for Iowa AmeriCorps State of Promise Program

9/1/08 to 8/31/09 EXTENSION/PUBLIC
BROSHAR, DONNIE EXTENSION 4-H YOUTH DEVELOPMENT-EXT

\$484 IOWA DEPARTMENT OF TRANSPORTATION

474-77-51

88242 Management of Iowa Department of Transportation Library Year 2008

7/1/07 to 6/30/08 RESEARCH
NAMBISAN, SHASHI CENTER FOR TRANSPORTATION RESEARCH & EDUCATION