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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$4,848,041	DEPARTMENT OF ENERGY			401-25-01
93016	Operating and Management Support for the Ames Laboratory			
	1/1/07 to 9/30/08	RESEARCH		
	KING, ALEXANDER		AMES LABORATORY	
\$951,360	IOWA DEPARTMENT OF TRANSPORTATION			474-30-01
96768	Community Transportation Enhancement Planning, 2008-2009			
	8/1/08 to 6/30/10	RESEARCH		
	BADENHOPE, JULIA		LANDSCAPE ARCHITECTURE-DSN	
CO-PI	KELLER, J.		LANDSCAPE ARCHITECTURE-DSN	
CO-PI	BORICH, TIMOTHY		COMMUNITY & REGIONAL PLANNING-DSN	
\$943,350	DEPARTMENT OF AGRICULTURE			412-30-08
96142	Agricultural Marketing Resource Center			
	10/1/08 to 12/31/09	EXTENSION/PUBLIC		
	HOLZ-CLAUSE, MARY		VALUE ADDED AGRICULTURE-EXT	
CO-PI	HANSEN, RAYMOND		VALUE ADDED AGRICULTURE-EXT	
\$611,000	DEPARTMENT OF JUSTICE			428-17-12
95616	Cyber Crime Program			
	12/26/07 to 12/25/10	RESEARCH		
	JACOBSON, DOUG		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$589,558	KANSAS STATE UNIVERSITY			404-40-41
92671	GEPR: Transcription Profiling and Functional Analyses of Bacterial Disease Susceptibility Pathways of Rice			
	9/15/08 to 8/31/09	RESEARCH		
	BOGDANOVE, ADAM		PLANT PATHOLOGY-AES	
CO-PI	YANG, BING		GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	
\$400,001	NATIONAL SCIENCE FOUNDATION			420-20-95
94565	CAREER: Evaporation-Driven Self-Assembly of Hierarchically Ordered Structures from Confined Solutions			
	1/1/09 to 12/31/13	RESEARCH		
	LIN, ZHIQUN		MATERIALS SCIENCE & ENGINEERING-ENGR	

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\$325,192	DEPARTMENT OF AGRICULTURE, CSREES			416-21-08
92919	Rice as a Model System for Elucidating Diterpenoid Metabolism in Cereal Crop Plants			
	12/1/08 to 11/30/12	RESEARCH		
	PETERS, REUBEN		BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	
\$314,601	IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP			471-30-34
96492	Nutrient Water Management Project			
	1/1/09 to 12/31/09	RESEARCH		
	HELMERS, MATTHEW		AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
CO-PI	CRUMPTON, WILLIAM		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	
\$295,870	UNITED SOYBEAN BOARD			459-40-12
94138	Application of New Genetic Resources to the Improved Control of Soybean Sudden Death Syndrome			
	10/1/08 to 9/30/09	RESEARCH		
	CIANZIO, SILVIA		AGRONOMY-CALS	
CO-PI	BHATTACHARYYA, MADAN		AGRONOMY-CALS	
\$250,000	IOWA DEPARTMENT OF TRANSPORTATION			474-79-07
96336	Improving Concrete Overlay Construction			
	11/3/08 to 9/30/10	RESEARCH		
	WIEGAND, PAUL		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
CO-PI	CAACKLER, ELLS		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$247,198	DEPARTMENT OF AGRICULTURE, APHIS			412-45-28
96222	Risk and Benefit Analysis for Genetically Modified Agricultural Products			
	9/27/08 to 9/26/09	RESEARCH		
	MISRA, MANJIT		BIOSAFETY INSTITUTE FOR GENETICALLY MODIFIED AGRICULTURAL PRODUCTS-A	
\$239,786	UNIVERSITY OF CALIFORNIA - BERKELEY			404-40-83
79131	Genetic Mechanisms Regulating Inflorescence Architecture in Maize and Related Cereals			
	8/1/06 to 7/31/09	RESEARCH		
	VOLLBRECHT, ERIK		GENETICS, DEVELOPMENT & CELL BIOLOGY	

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\$239,786	UNIVERSITY OF CALIFORNIA - BERKELEY	404-40-83
79131	Genetic Mechanisms Regulating Inflorescence Architecture in Maize and Related Cereals	
	8/1/06 to 7/31/09 RESEARCH	
CO-PI	BRENDEL, VOLKER	GENETICS, DEVELOPMENT & CELL BIOLOGY
\$231,555	NATIONAL INSTITUTES OF HEALTH	430-46-22
85461	High-Accuracy Protein Models Derived from Lower Resolution Data	
	9/1/08 to 8/31/09 RESEARCH	
CO-PI	KLOCZKOWSKI, ANDRZEJ	PLANT SCIENCES INSTITUTE-VPR/ED
CO-PI	JERNIGAN, ROBERT	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY
CO-PI	HONAVAR, VASANT	COMPUTER SCIENCE
CO-PI	WU, ZHIJUN	MATHEMATICS
\$193,030	DEPARTMENT OF JUSTICE	428-25-06
95614	Analytical Instrumentation for the MFRC Forensic Science Testing and Evaluation Laboratory	
	12/26/07 to 12/25/10 EQUIPMENT	
	BALDWIN, DAVID	AMES LABORATORY DOE-VPR/ED
\$162,000	NATIONAL SCIENCE FOUNDATION	420-25-44
96206	Activation of Oxygen: Mechanistic Aspects of Electron Transfer and Atom Transfer	
	2/1/06 to 1/31/10 RESEARCH	
	BAKAC, ANDREJA	CHEMISTRY-LAS
\$150,000	MIDAMERICAN ENERGY COMPANY	400-20-73
97111	MidAamerican Energy Company-Electric Power Research Center	
	12/19/05 to 10/31/09 RESEARCH	
	BAIRD, TOM	ELECTRICAL & COMPUTER ENGINEERING-ENGR
\$145,770	IOWA DEPARTMENT OF NATURAL RESOURCES	473-40-12
92003	Status and Occurrence of Native Fish in Iowa Streams: Current Distributions and Historical Changes	
	8/11/08 to 5/31/11 RESEARCH	
CO-PI	QUIST, MICHAEL	NATURAL RESOURCE ECOLOGY & MANAGEMENT
CO-PI	PIERCE, CLAY	NATURAL RESOURCE ECOLOGY & MANAGEMENT

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\$142,560	GOVERNORS TRAFFIC SAFETY BUREAU			478-17-14
96655	Iowa Traffic Safety Data Service			
	10/1/08 to 9/30/09	RESEARCH		
	SOULEYRETTE, REGINALD		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	HANS, ZACHARY		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$140,722	NATIONAL PORK BOARD			453-40-08
95695	Vaccination of Pigs with Alphavirus Replicon Particles Expressing PRRSV ORF 3, 4, 5 and 6			
	12/1/08 to 12/1/09	RESEARCH		
	HARRIS, DELBERT		ANIMAL SCIENCE-CALS	
CO-PI	HARRIS, ISABEL		ANIMAL SCIENCE-CALS	
\$135,000	NATIONAL SCIENCE FOUNDATION			420-21-27
79360	Structure-Composition-Property Relationships in Complex Intermetallic Phases: Experimental and Theoretical Studies			
	1/1/07 to 12/31/09	RESEARCH		
	MILLER, GORDON		CHEMISTRY	
\$135,000	DEPARTMENT OF AGRICULTURE, ARS			419-40-48
97037	Research Support Agreement			
	10/1/08 to 9/30/09	RESEARCH		
	HOGBERG, MAYNARD		ANIMAL SCIENCE-AES	
\$132,305	CORPORATION FOR PUBLIC BROADCASTING			400-12-01
96770	FY09 Community Service Grant			
	10/1/08 to 9/30/10	DEPT/ADMIN SUPPORT		
	WIRTH, DONALD		WOI RADIO-VPBF	
\$124,375	FIRST LEGO LEAGUE			400-20-56
96559	Support for First Lego League Program			
	7/16/08 to 5/30/09	EXTENSION/PUBLIC		
	JOHNSON, JOEL		ENGINEERING ACADEMIC & STUDENT AFFAIRS-ENGR	
CO-PI	SCHROEDER, CAMILLE		ENGINEERING ACADEMIC & STUDENT AFFAIRS-ENGR	

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\$120,000	DEPARTMENT OF COMMERCE			426-35-01
94460	University Center Economic Development Program			
	8/1/08 to 7/31/09	EXTENSION/PUBLIC		
	COX, RONALD		CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT	
	CO-PI ROBERTS, JOHN		CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT	
\$118,380	TEXAS TECH UNIVERSITY			404-21-24
87420	Simulation of Electronic Non-Adiabatic Dynamics for Reactions with Organic Macromolecules, Liquids and Surfaces			
	9/15/07 to 8/31/09	RESEARCH		
	WINDUS, THERESA		CHEMISTRY	
\$114,060	IOWA DEPARTMENT OF NATURAL RESOURCES			473-40-14
92073	Design and Implementation of a Secretive Marsh Bird Monitoring Program in Iowa			
	9/25/08 to 5/31/11	RESEARCH		
	DINSMORE, STEPHEN		NATURAL RESOURCE ECOLOGY & MANAGEMENT	
\$112,500	THERMAL WAVE IMAGING, INC			404-25-01
93201	Thermal Wave Imaging-STTR Phase II			
	6/1/08 to 5/31/10	RESEARCH		
	HOLLAND, STEPHEN		AEROSPACE ENGINEERING-ENGR	
\$107,949	UNIVERSITY OF IOWA			404-40-34
91624	Selection of Small Inhibitory Molecules Against Filoviruses			
	8/5/08 to 7/31/09	RESEARCH		
	NILSEN-HAMILTON, MARIT		BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY	
\$105,328	THE OHIO STATE UNIVERSITY			404-20-83
83146	Development of MHz Frame Rate Optical Diagnostics for Hypersonic Ground Test Facilities			
	1/5/07 to 1/4/10	RESEARCH		
	MEYER, TERRENCE		MECHANICAL ENGINEERING	

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\$104,616	NATIONAL SCIENCE FOUNDATION			420-18-03
90658	Graduate Research Fellowship Program			
	8/15/07 to 7/31/12	RESEARCH		
	HOLGER, DAVID		GRADUATE COLLEGE	
\$100,000	NATIONAL PORK BOARD			453-40-07
95594	Large Scale SNP Association Analyses of Feed Efficiency and Longevity			
	12/1/08 to 12/1/09	RESEARCH		
	ROTHSCHILD, MAX		ANIMAL SCIENCE-CALS	
CO-PI	DEKKERS, JACK		ANIMAL SCIENCE-CALS	
CO-PI	STALDER, KENNETH		ANIMAL SCIENCE-CALS	
\$95,009	MICHIGAN STATE UNIVERSITY			410-30-51
93784	Ten Upper Midwest States Extension Staff Teaming Up for Water Quality for Small and Medium Livestock Farms			
	9/1/08 to 8/31/11	EXTENSION/PUBLIC		
	LAWRENCE, JOHN		ECONOMICS-EXT	
\$90,990	DOW AGROSCIENCES, LLC			400-43-26
97065	Soybean Transformation			
	11/17/08 to 12/31/10	RESEARCH		
	WANG, KAN		AGRONOMY-CALS	
\$90,000	OFFICE OF NAVAL RESEARCH			421-20-06
96036	Fundamental Understanding and Improvement of Energetic Reactions of Aluminum Particles with Oxidizers and Metals			
	9/10/08 to 2/28/10	RESEARCH		
	LEVITAS, VALERY		MECHANICAL ENGINEERING-ENGR	
\$87,875	NATIONAL PORK BOARD			453-23-48
95771	Quantifying Risk Factors for PRRS Virus Introduction into Swine Herds Through the Use of the PRRS Risk Assessment			
	11/1/08 to 11/1/11	RESEARCH		
	HOLTKAMP, DERALD		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
CO-PI	ZIMMERMAN, JEFFREY		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	

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\$80,000	CATERPILLAR				400-17-01
94382	Intelligent Compaction for Non-Vibratory Machines				
	6/1/08 to 12/31/08	RESEARCH			
	WHITE, DAVID		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR		
CO-PI	MORRIS, MAX		STATISTICS-LAS		
CO-PI	CAACKLER, ELLS		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED		
\$79,941	IOWA DEPARTMENT OF HUMAN SERVICES				470-30-01
96422	Child Care Resource and Referral Consultation Training				
	10/15/08 to 9/30/09	EXTENSION/PUBLIC			
	OESTERREICH, LESIA		HUMAN DEVELOPMENT & FAMILY STUDIES-EXT		
CO-PI	HEGLAND, SUSAN		HUMAN DEVELOPMENT & FAMILY STUDIES-HS		
\$74,703	YALE UNIVERSITY				404-21-47
85294	Comparative Analysis of C3 and C4 Leaf Development in Rice, Sorghum and Maize				
	8/1/07 to 7/31/09	RESEARCH			
	LIU, PENG		STATISTICS		
\$71,158	NATIONAL INSTITUTES OF HEALTH				430-17-12
91406	A Measurement Error Approach to Estimating Usual Daily Physical Activity Distributions				
	9/15/08 to 5/31/09	RESEARCH			
	WELK, GREGORY		KINESIOLOGY		
CO-PI	CARRIQUIRY, ALICIA		STATISTICS		
CO-PI	NUSSER, SARAH		STATISTICS		
\$65,000	CATERPILLAR				400-17-11
94401	Intelligent Compaction for Vibratory Machines-CMV and MDP Measurement Systems				
	6/1/08 to 12/31/08	RESEARCH			
	WHITE, DAVID		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR		
CO-PI	MORRIS, MAX		STATISTICS-LAS		
CO-PI	CAACKLER, ELLS		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED		
CO-PI	GIESELMAN, HEATH		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR		
CO-PI	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED		

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\$65,000	MICHIGAN STATE UNIVERSITY		410-40-21
94493	North Central Plant Diagnostic Network		
	7/1/07 to 6/30/09	EXTENSION/PUBLIC	
	BAUM, THOMAS	PLANT PATHOLOGY-CALS	
\$64,000	UNIVERSITY OF NEW MEXICO		404-20-51
87240	PIRE: Molecular Engineering for Conversion of Biomass-Derived Reactants to Fuels, Chemicals and Materials		
	9/1/07 to 8/31/09	RESEARCH	
	SHANKS, BRENT	CHEMICAL & BIOLOGICAL ENGINEERING	
\$62,064	AMERICAN OIL CHEMISTS SOCIETY		400-42-16
96934	Uniformity in Near Infrared Measurements of Soybean Quality Traits, Year 6		
	10/1/08 to 9/30/09	RESEARCH	
	HURBURGH, CHARLES	AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
\$55,000	CATERPILLAR		400-17-04
94391	Collaborative Research to Develop Onboard Machine Technology for Real-Time Determination of Soil Water Content: Phase III-Development of Field Application System		
	6/1/08 to 12/31/08	RESEARCH	
	WHITE, DAVID	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	MORRIS, MAX	STATISTICS-LAS	
CO-PI	CAKLER, ELLS	CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
CO-PI	GIESELMAN, HEATH	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$55,000	VETERANS ADMINISTRATION MEDICAL CENTER-IOWA CITY		428-23-12
96669	Veterans Administration Rehabilitation Center for Prevention of Blindness		
	10/1/08 to 9/30/09	RESEARCH	
	GROZDANIC, SINISA	VETERINARY CLINICAL SCIENCES-VET	
\$54,128	IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP		471-30-24
96477	Demonstration of the Impacts of Mixed Annual-Perennial Agroecosystems on Water Quality		
	7/1/08 to 9/30/09	EXTENSION/PUBLIC	
	HELMERS, MATTHEW	AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT	

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\$52,436	DEPARTMENT OF EDUCATION			432-23-02
87748	North American Indigenous Community--Building Outreach and Understanding			
	9/1/08 to 8/31/09	EXTENSION/PUBLIC		
	HANSEN, DAVID		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE	
\$50,000	IOWA DEPARTMENT OF TRANSPORTATION			474-77-62
94335	Work Plan for the Earthworks Engineering Research Center Programmatic Support by Iowa Department of Transportation			
	7/1/08 to 6/30/09	RESEARCH		
	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
CO-PI	WHITE, DAVID		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	CAKLER, ELLS		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$50,000	STATE OF IOWA			475-30-02
97082	Midwest Grape and Wine Industry Institute			
	7/1/08 to 6/30/09	EXTENSION/PUBLIC		
	MILLER, GERALD		EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	
\$48,000	CATERPILLAR			400-17-12
94404	CFED Phase III-Laboratory Kneading Compactor Evaluation and In-Situ Measurements Database Development			
	6/1/08 to 12/31/08	RESEARCH		
	WHITE, DAVID		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	MORRIS, MAX		STATISTICS-LAS	
CO-PI	CAKLER, ELLS		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI		CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$47,182	MICHIGAN STATE UNIVERSITY			404-40-45
97093	Enhancing Nutritional Value and Marketability of Beans Through Research and Strengthening Key Value Chain Stakeholders in Uganda and Rwanda			
	4/1/08 to 9/30/09	RESEARCH		
	MAZUR, ROBERT		SOCIOLOGY-LAS	
\$45,166	IOWA DEPARTMENT OF HUMAN SERVICES			470-30-05
96649	Project Recovery			
	7/26/08 to 12/31/08	EXTENSION/PUBLIC		
	GLENN, SHERRY		EXTENSION TO FAMILIES-EXT	

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\$45,166	IOWA DEPARTMENT OF HUMAN SERVICES			470-30-05
96649	Project Recovery			
	7/26/08 to 12/31/08	EXTENSION/PUBLIC		
CO-PI	VANGINKEL, MARGARET		EXTENSION TO FAMILIES-EXT	
\$45,052	PURDUE UNIVERSITY			404-20-23
91353	Spray and Combustion of Gelled Hypergolic Propellants			
	6/1/08 to 5/31/11	RESEARCH		
	MEYER, TERRENCE		MECHANICAL ENGINEERING	
\$45,000	GLYCOMYR			400-23-60
96780	Test Glycosides of 1,25-Dihydroxyvitamin D for Anti-Cancer Activity in Vitro and in Vivo			
	7/1/08 to 5/31/10	RESEARCH		
	BLOEDEL, JAMES		BIOMEDICAL SCIENCES-VET	
\$45,000	NORTHWEST AREA FOUNDATION			400-30-35
96848	Horizons Alumni Grant			
	10/23/08 to 3/31/09	EXTENSION/PUBLIC		
	WARNING, JEANNE		EXTENSION TO FAMILIES-EXT	
CO-PI	FLETCHER, CYNTHIA		HUMAN DEVELOPMENT & FAMILY STUDIES-EXT	
CO-PI	FREEMAN, RUTH		EXTENSION AREA - CENTRAL-EXT	
\$43,750	ITC MIDWEST, LLC			400-60-12
96965	ITC-Electric Power Research Center			
	4/1/08 to 12/31/09	RESEARCH		
	BAIRD, TOM		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$42,624	UNIVERSITY OF MARYLAND			404-65-01
78949	Iron-Based Magnetostrictive Alloys: New Structural Materials for Revolutionary Engineered Systems			
	10/1/07 to 4/30/09	RESEARCH		
	LOGRASSO, THOMAS		MATERIALS SCIENCE & ENGINEERING	
CO-PI	MCQUEENEY, ROBERT		PHYSICS & ASTRONOMY	

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\$39,000	UNIVERSITY OF NEVADA-LAS VEGAS		400-28-04
94447	High Tech vs High Touch in Resort Operations: Implications for Customer Service and Satisfaction		
	7/1/08 to 6/30/09	RESEARCH	
	OH, HAEMOON	APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS	
CO-PI	JEONG, MIYOUNG	APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS	
\$38,702	WOODBURY COUNTY AGRICULTURAL EXTENSION DISTRICT		410-30-57
93708	Woodbury County BASICS for FY2009		
	10/1/08 to 9/30/09	EXTENSION/PUBLIC	
	MCGILL, SHERRY	EXTENSION TO FAMILIES-EXT	
CO-PI	SWEERS, RENEE	EXTENSION AREA - NORTHWEST-EXT	
\$38,148	UNIVERSITY OF NORTH CAROLINA, GREENSBORO		410-28-04
86833	Collaborative Development of Global Fiber, Fabric and Related Products Industry Based Problem-Solving Modules for Undergraduate Curricula		
	8/1/07 to 7/31/10	RESEARCH	
	KARPOVA, ELENA	APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT	
\$30,000	DEPARTMENT OF AGRICULTURE, APHIS		412-23-18
96460	Survey of Avian Influenza Virus Subtypes in Migrating Wildbirds		
	9/30/08 to 9/29/09	RESEARCH	
	YOON, KYOUNG-JIN	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$30,000	BOEING COMPANY		400-17-29
96832	NSF I/UCRC Center for Information Protection-Boeing		
	1/1/09 to 1/1/10	RESEARCH	
	JACOBSON, DOUG	ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$30,000	STEEL FOUNDERS SOCIETY OF AMERICA		404-20-62
96846	Performance Steel Castings Phase II		
	9/4/08 to 4/30/09	RESEARCH	
	PETERS, FRANK	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
CO-PI	FRANK, MATTHEW	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
CO-PI	JACKMAN, JOHN	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	

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\$26,049	BROWN UNIVERSITY		404-21-71
84850	Demographic and Hormonal Profiles of Reproductive Decline in Perimenopause		
	9/30/06 to 8/31/09	RESEARCH	
	BRONIKOWSKI, ANNE	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY	
\$24,864	WENNER-GREN FOUNDATION FOR ANTHROPOLOGICAL RESEARCH		400-21-50
96860	Food Sharing and Provisioning in Savanna Chimpanzees at Fongoli, Senegal: Male Mating Effort?		
	1/1/09 to 12/31/09	RESEARCH	
	PRUETZ, JILL	ANTHROPOLOGY-LAS	
\$22,859	FEDERAL HIGHWAY ADMINISTRATION		436-17-01
96583	Eisenhower Transportation Fellowship Program for Stewart McCoy		
	9/1/08 to 8/31/09	SCHOLARSHIP	
	MAZE, THOMAS	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	NAMBISAN, SHASHI	CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
CO-PI	REGENOLD, MICHELE	CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED	
\$20,000	STEEL FOUNDERS SOCIETY OF AMERICA		404-20-81
96845	Performance Steel Casting		
	11/3/06 to 12/31/08	RESEARCH	
	PETERS, FRANK	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
CO-PI	FRANK, MATTHEW	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
CO-PI	JACKMAN, JOHN	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
\$16,130	TEXAS A&M UNIVERSITY		400-42-31
93503	National Center for Electron Beam Food Safety Project-Improving the Safety of Fruits and Vegetables		
	9/1/08 to 8/31/09	RESEARCH	
	DICKSON, JAMES	ANIMAL SCIENCE-CALS	
\$15,000	DEPARTMENT OF AGRICULTURE, ERS		412-45-51
96185	Modeling Biofuel Production and Policies on Agriculture in the World and Implications for United States		
	9/20/07 to 12/31/09	RESEARCH	
	ELOBEID, AMANI	ECONOMICS-AES	

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\$15,000	DEPARTMENT OF AGRICULTURE, ERS			412-45-51
96185	Modeling Biofuel Production and Policies on Agriculture in the World and Implications for United States			
	9/20/07 to 12/31/09	RESEARCH		
CO-PI	TOKGOZ, SIMLA	ECONOMICS-AES		
\$15,000	IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP			471-30-15
96758	Worker Protection Outreach Program			
	10/1/08 to 6/30/09	EXTENSION/PUBLIC		
	BROWN, PAUL	EXTENSION ADMINISTRATION-EXT		
CO-PI	BUFFINGTON, ELIZABETH	ENTOMOLOGY-EXT		
\$15,000	IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP			471-30-20
96760	Educational and Training Components of Iowa's Pesticide Management Plan			
	10/1/08 to 6/30/09	EXTENSION/PUBLIC		
	BROWN, PAUL	EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT		
CO-PI	POPE, RICHARD	ENTOMOLOGY-EXT		
CO-PI	SCHAEFER, KRISTINE	ENTOMOLOGY-EXT		
\$13,467	IOWA DEPARTMENT OF MANAGEMENT			478-30-20
95576	Family Child Care Environment Rating Scale Training for Consultants			
	9/24/08 to 6/30/09	EXTENSION/PUBLIC		
	OESTERREICH, LESIA	HUMAN DEVELOPMENT & FAMILY STUDIES-EXT		
CO-PI	MAYS, SHARON	EXTENSION TO FAMILIES-EXT		
CO-PI	DONALD, DONNA	EXTENSION TO FAMILIES-EXT		
\$12,765	UNITED STATES-ISRAEL BINATIONAL SCIENCE FOUNDATION			400-60-13
84800	Investigation of the Enhanced Operation Parameters of xPZT-(1-x)PNN Relaxor Ferroelectrics Through Long Time Thermal Cycling			
	10/1/08 to 9/30/09	RESEARCH		
	TAN, XIAOLI	MATERIALS SCIENCE & ENGINEERING		

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\$11,808	UNIVERSITY OF ARIZONA		404-23-04
93204	Novel YcbQ Pili of Enterohemorrhagic E- coli O157:H7		
	4/1/07 to 5/2/08	RESEARCH	
	JORDAN, DIANNA	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$10,487	POLK COUNTY AGRICULTURAL EXTENSION DISTRICT		400-30-31
96638	After School Girls Program		
	10/1/08 to 7/31/09	EXTENSION/PUBLIC	
	PETERSON, MARC	EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$10,000	IOWA PUREBRED SWINE COUNCIL		400-30-40
96800	Graduate Student Support		
	11/1/08 to 6/30/09	EXTENSION/PUBLIC	
	BAAS, THOMAS	ANIMAL SCIENCE-CALS	
\$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	FEC SOLUTIONS		400-42-27
90328	Oil Recovery from Corn Fermentation By-Products		
	7/1/08 to 5/31/09	RESEARCH	
	WANG, TONG	FOOD SCIENCE & HUMAN NUTRITION	
CO-PI	JOHNSON, LAWRENCE	FOOD SCIENCE & HUMAN NUTRITION	
CO-PI	POMETTO, ANTHONY	FOOD SCIENCE & HUMAN NUTRITION	
\$7,000	TEXAS A&M UNIVERSITY		400-42-03
96359	Tracing Pathogen Contamination Through the Post-Harvest Environment		
	4/1/08 to 5/31/09	RESEARCH	
	DICKSON, JAMES	ANIMAL SCIENCE-CALS	

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\$6,500	IOWA COUNCIL OF FOUNDATIONS	400-33-64
96593	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	
\$6,000	DEPARTMENT OF AGRICULTURE, ARS	419-40-50
97030	Research Support Agreement	
	10/1/08 to 9/30/09 INSTRUCTION/TRAINING	
	HOGBERG, MAYNARD ANIMAL SCIENCE-AES	
\$5,000	SOUTHERN IOWA FORAGE AND LIVESTOCK COMMITTEE	410-30-18
88106	Grazing with Wildlife Compatibility Education Project	
	5/1/06 to 4/30/07 EXTENSION/PUBLIC	
	PEASE, JAMES NATURAL RESOURCE ECOLOGY & MANAGEMENT	
\$5,000	AMES NOON ROTARY CLUB	400-28-44
93945	Thinking Globally and Acting Locally: Implementing Parenting Programs for Sudanese Refugees in Story County	
	10/1/08 to 9/30/09 EXTENSION/PUBLIC	
	KEINO, LEAH APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS	
\$3,549	BLACK HAWK COUNTY ENGINEER	400-61-61
96857	Phase 1 Archaeological Survey for the Gilbertville Road Grade and Pave	
	10/22/08 to 12/31/08 EXTENSION/PUBLIC	
	HILL, MATTHEW ANTHROPOLOGY-LAS	
\$3,125	WEBSTER COUNTY ENGINEER	400-61-61
96859	Phase 1 Archaeological Survey for Four Bridges in Webster County	
	10/23/08 to 12/31/08 EXTENSION/PUBLIC	
	HILL, MATTHEW ANTHROPOLOGY-LAS	

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	\$3,000	BRANSON ULTRASONICS CORPORATION		400-42-21
96695		Bio-Fuels Unit Operations Course Development		
		9/1/08 to 8/31/11	RESEARCH	
		GREWELL, DAVID	AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
	CO-PI	BRUMM, THOMAS	AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
	CO-PI	HURBURGH, CHARLES	AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
	\$2,000	NATIONAL PORK BOARD		453-23-48
95771		Quantifying Risk Factors for PRRS Virus Introduction into Swine Herds Through the Use of the PRRS Risk Assessment		
		11/1/08 to 11/1/11	RESEARCH	
		HOLTKAMP, DERALD	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
	CO-PI	ZIMMERMAN, JEFFREY	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
	\$1,874	MARSHALL COUNTY ENGINEER		400-61-61
96968		Phase 1 Archaeological Survey for Two Bridge Replacements in Marshall County		
		11/3/08 to 12/31/08	EXTENSION/PUBLIC	
		HILL, MATTHEW	ANTHROPOLOGY-LAS	
	\$1,562	WAYNE COMMUNITY SCHOOL DISTRICT		400-33-64
97052		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	
	\$1,562	COMMUNITY FOUNDATION OF GREATER DUBUQUE		400-33-64
97053		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	
	\$1,480	CORNELL UNIVERSITY		404-21-63
92401		Genomic Analyses of Shoot Meristem Function in Maize		
		9/1/08 to 8/31/09	RESEARCH	
		NETTLETON, DANIEL	STATISTICS-LAS	

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\$1,380	DEPARTMENT OF AGRICULTURE, FSA	412-21-11
96974	Phase 1 Archaeology Survey in Plymouth County	
	11/3/08 to 12/31/08 EXTENSION/PUBLIC	
	HILL, MATTHEW ANTHROPOLOGY-LAS	
\$1,199	DEPARTMENT OF AGRICULTURE, ARS	419-40-49
97038	Research Support Agreement	
	10/1/08 to 9/30/09 RESEARCH	
	HOGBERG, MAYNARD ANIMAL SCIENCE-AES	
\$1,000	MICHIGAN STATE UNIVERSITY	410-40-35
97083	North Central Regional Aquaculture Center Extension Project	
	9/1/08 to 8/31/09 EXTENSION/PUBLIC	
	MORRIS, JOSEPH NATURAL RESOURCE ECOLOGY & MANAGEMENT-CALS	