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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$8,721,743	DEPARTMENT OF EDUCATION		432-57-70
105118	PELL Grant, FY10		
	7/1/09 to 6/30/10	STUDENT FINANCIAL AID	
	JOHNSON, ROBERTA	STUDENT FINANCIAL AID-VPSA	
\$3,000,000	DEPARTMENT OF JUSTICE		428-25-07
104523	Development of a Forensic Science Testing and Evaluation Laboratory		
	10/1/09 to 9/30/10	RESEARCH	
	BALDWIN, DAVID	AMES LABORATORY DOE-VPR/ED	
\$2,059,528	NATIONAL SCIENCE FOUNDATION		441-40-04
97218	EFRI-HyBi: Bioengineering a System for the Direct Production of Biological Hydrocarbons for Biofuels		
	9/1/09 to 8/31/13	RESEARCH	
	SHANKS, JACQUELINE	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
CO-PI	NIKOLAU, BASIL	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-CALS	
CO-PI	BOBIK, THOMAS	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-CALS	
\$1,500,000	DEPARTMENT OF AGRICULTURE, OPDM		412-35-01
104657	BioPreferred Program		
	9/30/09 to 9/30/10	EXTENSION/PUBLIC	
	DEVLIN, STEVEN	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT	
CO-PI	COX, RONALD	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT	
\$1,492,686	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	
\$1,250,000	NATIONAL ACADEMY OF SCIENCES		428-17-07
98883	Project Management Strategies for Complex Projects		
	9/1/09 to 2/28/12	RESEARCH	
	SHANE, JENNIFER	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	STRONG, KELLY	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	

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\$1,250,000	NATIONAL ACADEMY OF SCIENCES			428-17-07
98883	Project Management Strategies for Complex Projects			
	9/1/09 to 2/28/12	RESEARCH		
CO-PI	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$1,053,000	TPI IOWA, LLC			478-20-50
96147	Advanced Manufacturing Innovation Initiative for Wind Turbine Blades			
	7/27/09 to 2/28/12	RESEARCH		
CO-PI	FRANK, MATTHEW		INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
CO-PI	PETERS, FRANK		INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
CO-PI	JACKMAN, JOHN		INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	
CO-PI	DAYAL, VINAY		AEROSPACE ENGINEERING-ENGR	
\$952,884	NATIONAL SCIENCE FOUNDATION			420-17-76
99414	CDI-Type II: Dimensionality-Reduction and Reconstruction Tools for Atom Probe Tomography			
	9/1/09 to 8/31/13	RESEARCH		
CO-PI	RAJAN, KRISHNA		MATERIALS SCIENCE & ENGINEERING-ENGR	
CO-PI	ALURU, SRINIVAS		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
CO-PI	GANAPATHYSUBRAMANIAN, B		MECHANICAL ENGINEERING-ENGR	
\$828,150	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION			426-20-09
99436	Enhancing the Understanding of Extreme Winds Near Ground and Their Damaging Effects for Hazard Mitigation			
	9/1/09 to 8/31/10	RESEARCH		
CO-PI	SARKAR, PARTHA		AEROSPACE ENGINEERING-ENGR	
CO-PI	DAYAL, VINAY		AEROSPACE ENGINEERING-ENGR	
CO-PI	HAAN, FREDERICK		AEROSPACE ENGINEERING-ENGR	
CO-PI	HU, HUI		AEROSPACE ENGINEERING-ENGR	
CO-PI	GALLUS, WILLIAM		GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	
CO-PI	SRITHARAN, SIVALINGAM		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$691,653	NATIONAL INSTITUTE ON DRUG ABUSE			430-17-05
98151	Rural Youth and Family Competencies Building Project			
	9/30/09 to 8/31/10	RESEARCH		
	SPOTH, RICHARD		PARTNERSHIPS IN PREVENTION SCIENCE INSTITUTE-VPR/ED	

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$671,854	NATIONAL SCIENCE FOUNDATION		420-18-02
77864	ADVANCE Institutional Transformation Award: Comprehensive Institutional Transformation		
	8/1/06 to 7/31/11	INSTRUCTION/TRAINING	
	CARLSON, SUSAN	OFFICE OF THE PROVOST	
CO-PI	BIRD, SHARON	SOCIOLOGY	
CO-PI	BOWEN, BONNIE	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY	
CO-PI	DEBINSKI, DIANE	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY	
CO-PI	FEHR, CARLA	PHILOSOPHY & RELIGIOUS STUDIES	
CO-PI	GAHN, SANDRA	INSTITUTIONAL RESEARCH	
CO-PI	HAMRICK, FLORENCE	EDUCATIONAL LEADERSHIP & POLICY STUDIES	
\$659,340	HEALTH RESOURCES AND SERVICES ADMINISTRATION		430-23-03
99670	Mobile Modular Biosafety Level 3 Laboratory for Iowa State University College of Veterinary Medicine		
	9/1/09 to 8/31/10	EQUIPMENT	
	UHLENHOPP, ELDON	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	
\$650,000	DEPARTMENT OF JUSTICE		428-17-17
104322	Internet-Scale Event and Attack Generation Environment		
	9/1/09 to 8/31/12	RESEARCH	
	JACOBSON, DOUG	ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$633,308	FEDERAL HIGHWAY ADMINISTRATION		436-17-20
99601	Concrete Overlay Field Application Program		
	9/23/09 to 10/6/10	RESEARCH	
	CACKLER, ELLS	INSTITUTE FOR TRANSPORTATION-VPR/ED	
CO-PI	NAMBISAN, SHASHI	INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$586,719	NATIONAL SCIENCE FOUNDATION		420-21-94
96922	Collaborative Research: Taming the Scale Explosion in Nuclear Structure Calculations		
	9/1/09 to 8/31/14	RESEARCH	
	VARY, JAMES	PHYSICS & ASTRONOMY-LAS	
CO-PI	SOSONKINA, MASHA	AMES LABORATORY DOE-VPR/ED	

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\$554,490	NATIONAL INSTITUTES OF HEALTH, NIMH			430-17-07
79261	Resiliency and Vulnerability in African American Parents			
	8/1/09 to 7/31/10	RESEARCH		
	CUTRONA, CAROLYN	PSYCHOLOGY		
CO-PI	RUSSELL, DANIEL	HUMAN DEVELOPMENT & FAMILY STUDIES		
\$515,291	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	VICE PRESIDENT FOR STUDENT AFFAIRS-VPSA		
\$473,869	DEPARTMENT OF AGRICULTURE, CSREES			416-40-26
98761	Effects of Lipids on Physical Properties, Digestibility, and Nutritional Benefits of Starchy Foods			
	9/1/09 to 8/31/13	RESEARCH		
	JANE, JAY-LIN	FOOD SCIENCE & HUMAN NUTRITION-AES/CALS		
CO-PI	HENDRICH, SUZANNE	FOOD SCIENCE & HUMAN NUTRITION-HS		
CO-PI	BIRT, DIANE	FOOD SCIENCE & HUMAN NUTRITION-AES/CALS		
\$454,950	NATIONAL SCIENCE FOUNDATION			420-17-80
97255	TC: Small: Cyber Security for Electric Power Infrastructure: Risk Modeling and Mitigation			
	9/15/09 to 8/31/12	RESEARCH		
	GOVINDARASU, MANIMARAN	ELECTRICAL & COMPUTER ENGINEERING-ENGR		
CO-PI	LIU, CHEN-CHING	ELECTRICAL & COMPUTER ENGINEERING-ENGR		
\$450,433	NATIONAL INSTITUTES OF HEALTH			440-21-03
97194	Histone Modifications and Higher-Order Chromatin Structure			
	9/1/09 to 8/31/11	RESEARCH		
	SHOGREN-KNAAK, MICHAEL	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS		
\$401,731	NATIONAL SCIENCE FOUNDATION			420-40-31
95982	Optimal siRNA Design Based on Whole Genome Thermodynamic Analysis			
	9/1/09 to 8/31/10	RESEARCH		
	CHOU, HUI-HSIEN	GENETICS, DEVELOPMENT & CELL BIOLOGY-AES		

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$400,000	NATIONAL SCIENCE FOUNDATION	420-17-77
99035	ARI: Informatics Aided Design of Inorganic Scintillator Materials	
	9/1/09 to 8/31/10 RESEARCH	
	RAJAN, KRISHNA MATERIALS SCIENCE & ENGINEERING-ENGR	
\$399,982	DEPARTMENT OF STATE	433-28-09
99348	Turkish Student Teacher Internship Project-ECA/A/S/X-09-03	
	9/16/09 to 6/30/11 INSTRUCTION/TRAINING	
	SCHMIDT, DENISE CURRICULUM & INSTRUCTION-HS	
CO-PI	HARGRAVE, CONNIE CURRICULUM & INSTRUCTION-HS	
CO-PI	NIEDERHAUSER, DALE CURRICULUM & INSTRUCTION-HS	
\$385,632	DEPARTMENT OF AGRICULTURE, CSREES	416-44-22
104221	Agricultural Trade Analysis-Center for Agricultural and Rural Development	
	9/1/09 to 8/31/11 RESEARCH	
	HAYES, DERMOT ECONOMICS-AES/CALS	
CO-PI	FABIOSA, JACINTO CENTER FOR AGRICULTURAL & RURAL DEVELOPMENT-AES/CALS	
\$385,000	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	422-20-06
99333	Program Year 20 (2009) Iowa Space Grant Consortium	
	4/1/05 to 3/31/10 MISCELLANEOUS	
	BYRD, WILLIAM AEROSPACE ENGINEERING-ENGR	
\$382,015	CENTERS FOR DISEASE CONTROL AND PREVENTION	430-17-01
98852	Adoption and Implementation Support Innovations for PROSPER Partnership-Based EBI Delivery Network	
	9/15/09 to 9/14/10 RESEARCH	
	SPOTH, RICHARD PARTNERSHIPS IN PREVENTION SCIENCE INSTITUTE-VPR/ED	
\$368,233	STANFORD UNIVERSITY	404-25-31
98401	Collaborative Research: Cyberinfrastructure and Research Facilities: Tools for Ab Initio Molecular Dynamics and Simulation Analysis	
	3/1/09 to 8/31/10 RESEARCH	
	GORDON, MARK CHEMISTRY-LAS	
CO-PI	SOSONKINA, MASHA AMES LABORATORY DOE-VPR/ED	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$367,985 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

\$340,127 IOWA COMMISSION ON VOLUNTEER SERVICE

478-30-43

96767 Iowa AmeriCorps State of Promise Program

9/1/09 to 8/31/10 EXTENSION/PUBLIC
BROSHAR, DONNIE EXTENSION 4-H YOUTH DEVELOPMENT-EXT
CO-PI MCCARTHY, JUDY EXTENSION 4-H YOUTH DEVELOPMENT-EXT

\$337,333 DEPARTMENT OF EDUCATION

432-14-07

104861 Iowa State University Trio Educational Talent Search

9/1/09 to 8/31/10 INSTRUCTION/TRAINING
AGYEMAN, JANE ENROLLMENT SERVICES-VPSA

\$330,000 DEPARTMENT OF AGRICULTURE, OCE

412-45-07

104913 Energy from Agriculture: Estimating Output and the Resulting Macroeconomic Consequences Using a Market Based Approach

10/1/09 to 12/31/10 RESEARCH
BABCOCK, BRUCE ECONOMICS-AES/CALS

\$309,399 NATIONAL SCIENCE FOUNDATION

420-21-97

95871 Meshing Synthesis and Biosynthesis for KDO: A Key Plant and Bacterial Sugar

9/15/09 to 8/31/11 RESEARCH
POHL, NICOLA CHEMISTRY-LAS

\$267,804 FEDERAL HIGHWAY ADMINISTRATION

436-17-12

98129 Guide for Existing Concrete Overlay Design Methodology

9/4/09 to 9/3/10 RESEARCH
CACKLER, ELLS INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

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\$262,289 NATIONAL SCIENCE FOUNDATION

420-66-03

104876 National Science Foundation Stephen Howell Intergovernmental Personnel Act Personnel Assignment

9/14/09 to 9/13/10 MISCELLANEOUS
HOWELL, STEPHEN PLANT SCIENCES INSTITUTE-VPR/ED

\$258,392 NATIONAL INSTITUTES OF HEALTH

430-25-08

90801 Metalblast: A Cell and Metabolic Biology Interactive Learning Environment for High School Students

9/1/09 to 8/31/10 RESEARCH
WURTELE, EVE GENETICS, DEVELOPMENT & CELL BIOLOGY
CO-PI BASSHAM, DIANE GENETICS, DEVELOPMENT & CELL BIOLOGY
CO-PI DICKERSON, JULIE ELECTRICAL & COMPUTER ENGINEERING
CO-PI HERRNSTADT, STEVEN ART & DESIGN
CO-PI OLSON, JOANNE CURRICULUM & INSTRUCTION

\$250,273 NATIONAL INSTITUTES OF HEALTH

430-46-06

79202 Modeling Ribosomal Control, Function and Assembly

9/1/09 to 8/31/10 RESEARCH
JERNIGAN, ROBERT BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY

\$250,000 FEDERAL HIGHWAY ADMINISTRATION

436-17-08

104835 Optimizing Concrete Mixtures for Performance and Sustainability

9/4/09 to 9/3/10 RESEARCH
TAYLOR, PETER INSTITUTE FOR TRANSPORTATION-VPR/ED
CO-PI NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

\$249,999 NATIONAL SCIENCE FOUNDATION

420-17-30

97647 Expanding Technological Literacy Through Engineering Minors

9/15/09 to 8/31/11 RESEARCH
MINA, MANI ELECTRICAL & COMPUTER ENGINEERING-ENGR

\$249,700 DEPARTMENT OF AGRICULTURE, APHIS

412-05-31

104490 Development of an Illustrated Operational Guideline for Quarantine and Movement Control and Development of a Tactical Field Guide for FADPRReP Topics

4/1/09 to 3/31/10 EXTENSION/PUBLIC
ROTH, JAMES VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

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\$249,700 DEPARTMENT OF AGRICULTURE, APHIS

412-05-31

104490 Development of an Illustrated Operational Guideline for Quarantine and Movement Control and Development of a Tactical Field Guide for FADPReP Topics

4/1/09 to 3/31/10 EXTENSION/PUBLIC

CO-PI BICKETT-WEDDLE, DANELLE CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET
CO-PI DVORAK, GLENDA CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET
CO-PI EIA, CHERYL CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET
CO-PI FLAMING, KEVAN CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET

\$246,014 UNIVERSITY OF CALIFORNIA - BERKELEY

404-40-83

79131 Genetic Mechanisms Regulating Inflorescence Architecture in Maize and Related Cereals

8/1/06 to 7/31/10 RESEARCH

VOLLBRECHT, ERIK GENETICS, DEVELOPMENT & CELL BIOLOGY
CO-PI BRENDEL, VOLKER GENETICS, DEVELOPMENT & CELL BIOLOGY

\$244,411 DEPARTMENT OF AGRICULTURE, CSREES

416-40-24

97867 A Model to Predict Gene Flow in Open-Pollinated Crops

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

WESTGATE, MARK AGRONOMY-CALS
CO-PI ARRITT, RAYMOND AGRONOMY-CALS

\$243,459 UNIVERSITY OF NORTHERN IOWA

475-28-22

104379 Community College STEM Instructor Preparation and Updates-Iowa Math and Science Education Partnership year 2

6/1/09 to 5/31/10 RESEARCH

EBBERS, LARRY EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS

\$238,000 IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP

471-30-01

104689 Midwest Grape and Wine Industry Institute

7/1/09 to 6/30/10 EXTENSION/PUBLIC

DHARMADHIKARI, MURLIDHAR FOOD SCIENCE & HUMAN NUTRITION-EXT
CO-PI MILLER, GERALD EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT

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\$236,000 DEPARTMENT OF ENERGY

401-21-04

104615 Biomimetic Catalysts Responsive to Specific Chemical Signals

9/15/09 to 9/14/10 RESEARCH

ZHAO, YAN CHEMISTRY-LAS
CO-PI WOO, LEE CHEMISTRY-LAS
CO-PI HILLIER, ANDREW CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
CO-PI ANGELICI, ROBERT AMES LABORATORY DOE-VPR/ED

\$231,392 NATIONAL INSTITUTES OF HEALTH

430-46-22

85461 High-Accuracy Protein Models Derived from Lower Resolution Data

9/1/09 to 8/31/10 RESEARCH

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

\$222,816 DEPARTMENT OF AGRICULTURE, APHIS

412-05-32

104420 Vesicular Disease Surveillance in Swine Storyboard Educational Materials Development for Veterinarians and Producers

4/1/09 to 3/31/10 EXTENSION/PUBLIC

ROTH, JAMES VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET
CO-PI RAMIREZ, ALEJANDRO VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

\$218,871 UNIVERSITY OF MINNESOTA

404-21-23

97644 Precise Engineering of Plant Genomes Using Zinc Finger Nucleases

9/15/09 to 8/31/10 RESEARCH

DOBBS, DRENA GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS
CO-PI WANG, KAN AGRONOMY-CALS

\$206,987 IOWA SOYBEAN ASSOCIATION

450-40-07

99442 Breeding for Diseases, Pests and Abiotic Stress Resistance

10/1/09 to 9/30/10 RESEARCH

CIANZIO, SILVIA AGRONOMY-AES/CALS

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$200,000 DEPARTMENT OF AGRICULTURE, CSREES

416-30-09

98616 National Effort to Implement Sustainable Management of Sooty Blotch and Flyspeck on Apples

9/1/09 to 8/31/11 RESEARCH

GLEASON, MARK PLANT PATHOLOGY-EXT
CO-PI BATZER, JEAN PLANT PATHOLOGY-EXT

\$200,000 NATIONAL SCIENCE FOUNDATION

420-17-27

99033 Iowa EPSCoR: Harnessing Energy Flows in the Biosphere

9/1/09 to 8/31/10 RESEARCH

BROWN, ROBERT MECHANICAL ENGINEERING-ENGR
CO-PI RAJAN, KRISHNA MATERIALS SCIENCE & ENGINEERING-ENGR
CO-PI ANEX, ROBERT AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

\$194,769 CALIFORNIA INSTITUTE OF TECHNOLOGY

404-20-07

73949 IMR - MIP DANSE

6/1/06 to 11/30/09 RESEARCH

LESAR, RICHARD MATERIALS SCIENCE & ENGINEERING-ENGR
CO-PI USTUNDAG, ERSAN MATERIALS SCIENCE & ENGINEERING
CO-PI GENALO, LAWRENCE MATERIALS SCIENCE & ENGINEERING
CO-PI SCHMIDT, DENISE CURRICULUM & INSTRUCTION

\$189,661 DEPARTMENT OF ENERGY

401-21-08

93786 Rosenberg IPA Assignment

9/1/08 to 8/31/10 FELLOWSHIP

ROSENBERG, ELI PHYSICS & ASTRONOMY-LAS

\$180,000 NATIONAL SCIENCE FOUNDATION

420-25-05

91703 Assembly and Stability of Metal Nanostructures on Surfaces

7/15/08 to 6/30/11 RESEARCH

EVANS, JAMES MATHEMATICS
CO-PI THIEL, PATRICIA CHEMISTRY

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\$170,000	DEPARTMENT OF ENERGY			401-21-18
84333	Regulation of Chloroplast Biogenesis:The Immutans Mutant of Arabidopsis			
	9/1/09 to 8/31/10	RESEARCH		
	RODERMEL, STEVEN		GENETICS, DEVELOPMENT & CELL BIOLOGY	
\$170,000	NATIONAL SCIENCE FOUNDATION			420-61-21
97027	Geometrically Based Kinetic Approach to Multi-Scale Problems			
	9/15/09 to 8/31/12	RESEARCH		
	LIU, HAILIANG		MATHEMATICS-LAS	
\$168,682	IOWA SOYBEAN ASSOCIATION			450-40-04
99589	Phase II-Introgression of Novel Genes Conferring Resistance to SCN in Soybean Germplasm of Early Maturity Groups			
	10/1/09 to 9/30/10	RESEARCH		
	CIANZIO, SILVIA		AGRONOMY-AES/CALS	
\$165,000	FEDERAL HIGHWAY ADMINISTRATION			436-17-14
99859	Technology Demonstrations Projects			
	9/4/09 to 9/3/11	RESEARCH		
	CO-PI CACKLER, ELLS		INSTITUTE FOR TRANSPORTATION-VPR/ED	
	NAMBISAN, SHASHI		INSTITUTE FOR TRANSPORTATION-VPR/ED	
\$150,443	IOWA SOYBEAN ASSOCIATION			450-30-05
99562	Soybean Production Research–Breaking the Yield Barrier			
	10/1/09 to 9/30/10	RESEARCH		
	PEDERSEN, PALLE		AGRONOMY-AES/CALS	
\$150,100	BINATIONAL AGRICULTURAL RESEARCH AND DEVELOPMENT FUND			400-21-03
96302	The Role of Cysteine Partitioning into Glutathione and Methionine Synthesis During Normal and Stress Conditions			
	11/1/09 to 10/30/12	RESEARCH		
	OLIVER, DAVID		GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	

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\$149,472	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 8/31/10	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	
\$147,863	NATIONAL SCIENCE FOUNDATION		420-20-44
98007	Soil Sensors and Their Wireless Underground Network for Precision Farming and Environmental Management		
	9/15/09 to 8/31/10	RESEARCH	
	KUMAR, RATNESH	ELECTRICAL & COMPUTER ENGINEERING-ENGR	
CO-PI	BIRRELL, STUART	AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
CO-PI	WEBER, ROBERT	ELECTRICAL & COMPUTER ENGINEERING-ENGR	
CO-PI	KALEITA-FORBES, AMY	AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
CO-PI	KAMAL, AHMED	ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$140,000	IOWA STATE UNIVERSITY RESEARCH FOUNDATION		405-17-01
98818	Office of Intellectual Property and Technology Transfer Support		
	7/1/09 to 6/30/99	RESEARCH	
	QUISENBERRY, SHARRON	VICE PRESIDENT FOR RESEARCH & ECONOMIC DEVELOPMENT-VPR/ED	
\$135,099	DEPARTMENT OF COMMERCE		426-35-40
104080	University Center Economic Development Program		
	8/1/07 to 7/31/10	EXTENSION/PUBLIC	
	WILCOX, RUTH	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT	
CO-PI	COX, RONALD	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT	
CO-PI	ROBERTS, JOHN	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT	
\$117,951	NATIONAL SCIENCE FOUNDATION		420-25-27
104164	Designing Touch-Sound Interfaces to Geospatial Information for Visually-Impaired Users		
	9/1/09 to 8/31/11	RESEARCH	
	HARDING, CHRIS	GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	

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\$116,588 FEDERAL HIGHWAY ADMINISTRATION

436-17-09

104981 Revised CP Road Map Administrative Support Contract TO#3

9/11/08 to 7/12/10 RESEARCH

CO-PI WIEGAND, PAUL INSTITUTE FOR TRANSPORTATION-VPR/ED
NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

\$114,405 UNIVERSITY OF KANSAS CENTER FOR RESEARCH, INC.

404-21-05

105003 KU Chemical Methodologies and Library Development Center

8/1/09 to 7/31/10 RESEARCH
LAROCK, RICHARD CHEMISTRY-LAS

\$108,491 DEPARTMENT OF INTERIOR, GEOLOGICAL SURVEY

424-40-25

98603 Missouri River Mitigation: Iowa Wetland Restoration Functional Assessment

6/4/09 to 4/30/10 RESEARCH

CO-PI OTIS, DAVID NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS
KOFORD, ROLF NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS

\$108,204 UNIVERSITY OF NORTHERN IOWA

475-28-02

104635 Iowa Math and Science Education Support for Mathematics and Science Teacher Recruitment Activities

6/1/09 to 5/31/10 INSTRUCTION/TRAINING
DOUGHERTY, BARBARA CURRICULUM & INSTRUCTION-HS

\$108,000 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

422-25-09

99525 Dynamical Selection of Three-Dimensional Interface Patterns in Directional Solidification

6/1/07 to 5/31/12 RESEARCH
TRIVEDI, ROHIT MATERIALS SCIENCE & ENGINEERING-ENGR

\$107,624 UNIVERSITY OF VIRGINIA

404-25-24

96366 Center for Catalytic Hydrocarbon Functionalization

8/1/09 to 7/31/10 RESEARCH
LIN, SHANG-YI CHEMISTRY-LAS

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$106,270	NORTH CENTRAL SOYBEAN RESEARCH PROGRAM	459-40-06
97423	Sequencing the Fusarium Virguliformae Genome	
	10/1/09 to 9/30/10 RESEARCH	
	BHATTACHARYYA, MADAN AGRONOMY-CALS	
CO-PI	HUANG, XIAOQIU COMPUTER SCIENCE-LAS	
\$103,600	ARCHER DANIELS MIDLAND COMPANY	400-21-07
104601	Enzymatic Modifications of Maltodextrins by Reactions with Sucrose and Dextranases	
	9/1/09 to 9/30/10 RESEARCH	
	ROBYT, JOHN BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	
\$101,405	NATIONAL SCIENCE FOUNDATION	420-61-19
98405	Effects of Cloud and Radiation Processes on Climate Simulations of Global Water and Energy Cycle	
	9/15/09 to 8/31/10 RESEARCH	
	WU, XIAOQING GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	
\$101,219	IOWA SOYBEAN ASSOCIATION	450-40-09
99603	Towards Integrated Management of Bean Pod Mottle Virus and the Prediction of the Winter Survival of its Insect Vectors: Bean Leaf and Japanese Beetles	
	10/1/09 to 9/30/10 RESEARCH	
	NUTTER, FORREST PLANT PATHOLOGY-AES/CALS	
CO-PI	ROBERTSON, ALISON PLANT PATHOLOGY-AES/CALS	
\$100,000	DEPARTMENT OF HUMAN SERVICES	430-30-06
97825	Healthy and Drug Free Worth County	
	9/30/09 to 9/29/10 EXTENSION/PUBLIC	
	SCHRANDT-PROUTY, MARY EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
CO-PI	JOHNSON, DENNIS EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$100,000	UNIVERSITY OF NORTHERN IOWA	475-28-24
104634	Iowa Math and Science Education Program Institute Support Functions	
	6/1/09 to 5/31/10 INSTRUCTION/TRAINING	
	DOUGHERTY, BARBARA CURRICULUM & INSTRUCTION-HS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$100,000 UNIVERSITY OF NORTHERN IOWA

475-28-23

104636 Iowa Math and Science Education Program Faculty Line Support in Mathematics/Science Education

6/1/09 to 5/31/10 INSTRUCTION/TRAINING
DOUGHERTY, BARBARA CURRICULUM & INSTRUCTION-HS

\$99,730 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

\$97,890 DEPARTMENT OF AGRICULTURE

416-40-27

99429 Leopold Center Hypoxia Project, IA

9/1/09 to 8/31/10 RESEARCH
KIRSCHENMANN, FREDERICK LEOPOLD CENTER-AES/CALS
CO-PI NEAL, JERI LEOPOLD CENTER-AES/CALS

\$95,775 IOWA DEPARTMENT OF NATURAL RESOURCES

473-42-09

104075 Distribution and Abundance of Topeka Shiners in West-Central Iowa

8/19/09 to 9/30/12 RESEARCH
QUIST, MICHAEL NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS
CO-PI PIERCE, CLAY NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS

\$93,584 UNIVERSITY OF NORTHERN IOWA

475-28-21

104964 Improving Mathematics Instruction in Pre-K Classrooms

6/1/09 to 5/31/10 RESEARCH
PETERSON, CARLA HUMAN DEVELOPMENT & FAMILY STUDIES-HS

\$92,767 PURDUE UNIVERSITY

404-40-77

92043 SoyMapII: Leveraging Genetic Diversity in Soybean

3/1/09 to 2/28/11 RESEARCH
SHOEMAKER, RANDY AGRONOMY
CO-PI LAMKEY, KENDALL AGRONOMY

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$91,000	NATIONAL SCIENCE FOUNDATION			420-20-84
90767	REU Site: Materials Education and Research on Far-From-Equilibrium Materials, Processes, Structures, and Properties			
	4/1/10 to 3/31/11	RESEARCH		
	MARTIN, STEVE		MATERIALS SCIENCE & ENGINEERING	
\$89,531	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	
\$87,821	NATIONAL SCIENCE FOUNDATION			420-25-23
104443	Decision Making in Emergency Responders: Innovation in Naturalistic Decision Making Research			
	9/15/09 to 8/31/11	RESEARCH		
	KEREN, NIR		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$85,000	IOWA GOVERNORS TRAFFIC SAFETY BUREAU			478-12-06
98229	Teen/Young Adult Alcohol and Traffic Safety			
	10/1/09 to 9/30/10	EXTENSION/PUBLIC		
	STEWART, JERRY		DEPARTMENT OF PUBLIC SAFETY-VPBF	
\$84,091	IOWA STATE UNIVERSITY RESEARCH FOUNDATION			400-23-64
105399	Patent Royalties			
	7/1/09 to 12/31/99	DEPT/ADMIN SUPPORT		
	THOMSON, JOHN		VETERINARY ADMINISTRATION-VET	
\$83,221	SANDIA NATIONAL LABORATORIES			404-21-79
104700	Estimative Language and Statistical Relational Learning			
	3/16/09 to 9/30/10	RESEARCH		
	NORDMAN, DANIEL		STATISTICS-LAS	
CO-PI	WILSON, ALYSON		STATISTICS-LAS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$81,851	NATIONAL RENEWABLE ENERGY LABORATORY			404-40-50
93556	Researching the Relation Between Biofuels Production and the Hydrologic Cycle			
	5/28/08 to 5/27/10	RESEARCH		
	ARRITT, RAYMOND		AGRONOMY-CALS	
CO-PI	ANEX, ROBERT		AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS	
\$76,966	IOWA DEPARTMENT OF EDUCATION			472-28-39
99304	2009 Professional Development			
	6/1/09 to 9/30/09	INSTRUCTION/TRAINING		
	MAUDE, SUSAN		HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
CO-PI	BROTHERSON, MARY		HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
CO-PI	LUZE, GAYLE		HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
\$74,745	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION			426-40-02
98086	Multi-RCM Ensemble Downscaling of NCEP CFS Seasonal Forecasts			
	8/1/09 to 7/31/11	RESEARCH		
	ANDERSON, CHRISTOPHER		AGRONOMY-AES/CALS	
\$73,493	DEPARTMENT OF AGRICULTURE, CSREES			416-23-07
99440	Minor Use Animal Drug Program			
	9/1/09 to 8/31/11	RESEARCH		
	GRIFFITH, RONALD		VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	
\$72,600	UNIVERSITY OF KANSAS			404-28-07
96404	Building Foundations for Self-Determination in Young Children with Disabilities			
	7/1/09 to 6/30/10	RESEARCH		
	BROTHERSON, MARY		HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
CO-PI	MAUDE, SUSAN		HUMAN DEVELOPMENT & FAMILY STUDIES-HS	
\$69,152	DEPARTMENT OF EDUCATION			432-23-02
87748	North American Indigenous Community--Building Outreach and Understanding			
	9/1/09 to 8/31/10	EXTENSION/PUBLIC		
	HANSEN, DAVID		VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$68,000	DEPARTMENT OF ENERGY			401-21-21
99354	Investigations in Experimental and Theoretical High Energy Physics			
	11/1/08 to 10/31/09	RESEARCH		
	KRENNRICH, FRANK		PHYSICS & ASTRONOMY-LAS	
\$65,000	MICHIGAN STATE UNIVERSITY			410-40-21
99596	North Central Plant Diagnostic Network			
	7/1/07 to 6/30/10	EXTENSION/PUBLIC		
	BAUM, THOMAS		PLANT PATHOLOGY-AES/CALS	
\$65,000	NORTHWEST AREA FOUNDATION			400-30-21
104623	Horizons Alumni Grant 2010			
	9/1/09 to 9/30/10	EXTENSION/PUBLIC		
	WARNING, JEANNE		EXTENSION TO FAMILIES-EXT	
CO-PI	FREEMAN, RUTH		EXTENSION TO FAMILIES-EXT	
CO-PI	FLETCHER, CYNTHIA		HUMAN DEVELOPMENT & FAMILY STUDIES-EXT	
\$64,648	IOWA SOYBEAN ASSOCIATION			450-40-05
99489	Identify the Mechanisms Used by Fusarium Virguliforme to Cause Sudden Death Syndrome in Soybean			
	10/1/09 to 9/30/10	RESEARCH		
	BHATTACHARYYA, MADAN		AGRONOMY-AES/CALS	
CO-PI	LEANDRO, LEONOR		PLANT PATHOLOGY-AES/CALS	
\$61,887	UNITED SOYBEAN BOARD			459-40-34
104196	Soy Protein Plastics Formulation Development for Enhanced Mechanical Strength and Reduced Water Solubility			
	9/1/09 to 8/31/10	RESEARCH		
	GREWELL, DAVID		AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS	
\$58,000	UNIVERSITY OF WISCONSIN, MADISON			404-40-25
87000	Great Lakes Bioenergy Research Center			
	9/30/07 to 11/30/09	RESEARCH		
	BABCOCK, BRUCE		ECONOMICS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$55,716	NATIONAL SCIENCE FOUNDATION			420-72-20
99860	CBiRC-NCTAF Partnership: Developing a Professional Learning Community with Des Moines Schools			
	10/1/09 to 9/30/10	INSTRUCTION/TRAINING		
	SHANKS, BRENT	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR		
CO-PI	LESHEM-ACKERMAN, ADAH	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS		
\$55,641	ARIZONA STATE UNIVERSITY			404-28-16
91367	A Wireless, Multimode, Artificial Neural Network-Based Physical Activity Monitor			
	9/19/08 to 6/30/10	RESEARCH		
	WELK, GREGORY	KINESIOLOGY		
\$54,000	VIETNAM EDUCATION INTERNATIONAL DEVELOPMENT			400-18-06
104856	Vietnam Education International Development for Graduate School			
	8/1/09 to 7/31/11	FELLOWSHIP		
	HOLGER, DAVID	GRADUATE COLLEGE-PROV		
\$53,000	SOUTH DAKOTA STATE UNIVERSITY			404-40-61
99485	Biomass Regional Feedstock Partnership: Corn Stover Removal			
	4/1/09 to 9/30/10	RESEARCH		
	BIRRELL, STUART	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS		
\$50,821	STORY COUNTY DEPARTMENT OF PUBLIC HEALTH			404-28-04
104798	Regional Dissemination of School and Community Programming Through the Iowa State University Campus Community Partnership for Health			
	7/1/09 to 6/30/10	RESEARCH		
	WELK, GREGORY	KINESIOLOGY-HS		
CO-PI	SEEGER, CHRISTOPHER	LANDSCAPE ARCHITECTURE-DSN		
\$50,000	BUREAU OF RECLAMATION-DO-ACQUISITION			424-20-03
104447	Hydraulic Model Parallelization with Domain Decomposition and MPI			
	8/20/09 to 12/31/09	RESEARCH		
	WANG, ZHI	AEROSPACE ENGINEERING-ENGR		

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$45,000	INVOCON, INC				404-25-03
92666	Detection of Pressure Vessel Breach in Manned Spacecraft Using Leak-Generated, Structure-Borne Noise - Phase II				
	8/15/08 to 12/31/09	RESEARCH			
	CHIMENTI, DALE		AEROSPACE ENGINEERING-ENGR		
CO-PI	ROBERTS, RONALD		AEROSPACE ENGINEERING-ENGR		
CO-PI	HOLLAND, STEPHEN		AEROSPACE ENGINEERING-ENGR		
\$43,200	SYNGENTA				400-48-66
98510	Corn Pests Research Project				
	4/15/09 to 4/15/10	RESEARCH			
	GASSMANN, AARON		ENTOMOLOGY-AES/CALS		
CO-PI	WEBER, PATRICK		ENTOMOLOGY-AES/CALS		
\$41,169	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION				422-21-04
104217	Search for Unique Signatures from EBL Absorption in Unusually Hard Blazar Spectra				
	8/14/09 to 8/13/10	RESEARCH			
	KRENNRICH, FRANK		PHYSICS & ASTRONOMY-LAS		
\$40,000	IOWA PORK PRODUCERS ASSOCIATION				453-40-41
98968	Development of an In Vitro Model of Heat Stress During Pig Oocyte Maturation and its Impact on Embryonic Developmental Competency				
	9/15/09 to 7/15/10	RESEARCH			
	ROSS, JASON		ANIMAL SCIENCE-AES/CALS		
\$40,000	IOWA DEPARTMENT OF TRANSPORTATION				474-77-09
99454	Enhancing Motorcycle Conspicuity Awareness in Iowa				
	7/1/09 to 6/30/10	RESEARCH			
	GKRITZA, KONSTANTINA		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR		
CO-PI	NAMBISAN, SHASHI		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR		
\$40,000	MORRIS ANIMAL FOUNDATION AND PFIZER ANIMAL HEALTH				400-23-07
99575	Determination of the Impact of Vector Control on Transmission and Immunopathology of Canine Visceral Leishmaniasis				
	8/1/09 to 7/30/13	FELLOWSHIP			
	FALES, AMANDA		VETERINARY PATHOLOGY-VET		
CO-PI	PETERSEN, CHRISTINE		VETERINARY PATHOLOGY-VET		

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$40,000	MORRIS ANIMAL FOUNDATION AND PFIZER ANIMAL HEALTH	400-23-07
99575	Determination of the Impact of Vector Control on Transmission and Immunopathology of Canine Visceral Leishmaniasis	
	8/1/09 to 7/30/13 FELLOWSHIP	
CO-PI	NOLAN, LISA VETERINARY ADMINISTRATION-VET	
\$39,950	REDWOOD SCIENTIFIC, INC	404-25-21
104728	Testing Plan for Bond Line Integrity	
	5/1/09 to 4/30/10 RESEARCH	
	BASTAWROS, ASHRAF AEROSPACE ENGINEERING-ENGR	
\$38,500	NATIONAL SCIENCE FOUNDATION	420-40-34
96709	Biocomplexity of Hydrological Service Payments and Watershed Sustainability in Mexico	
	9/1/09 to 8/31/10 RESEARCH	
	ASBJORNSEN, HEIDI NATURAL RESOURCE ECOLOGY & MANAGEMENT-CALS	
\$38,000	FIRST LEGO LEAGUE	400-20-56
104371	First Lego League Program	
	7/16/08 to 5/30/10 DEPT/ADMIN SUPPORT	
	JOHNSON, JOEL ENGINEERING ACADEMIC & STUDENT AFFAIRS-ENGR	
CO-PI	SCHROEDER, CAMILLE ENGINEERING ACADEMIC & STUDENT AFFAIRS-ENGR	
\$37,340	IOWA SOYBEAN ASSOCIATION	450-30-32
99684	Formulating a Needs Assessment Survey and Providing IPM-Based Demonstrations for Soybean Entomology	
	10/1/09 to 9/30/10 EXTENSION/PUBLIC	
	HODGSON, ERIN ENTOMOLOGY-EXT	
\$37,119	DEPARTMENT OF AGRICULTURE, FAS, OCBD	412-45-18
104524	Scientific Exchanges for China: Agricultural Biotechnology Regulation and Policy: Opportunities at Iowa State University	
	8/21/09 to 9/30/10 INSTRUCTION/TRAINING	
	WOLT, JEFFREY AGRONOMY-AES/CALS	
CO-PI	BJELLAND, DENISE GLOBAL AGRICULTURE PROGRAMS-AES/CALS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$36,873	DEPARTMENT OF AGRICULTURE, ERS			412-45-09
104790	Traceability and Incentives for Food Safety			
	8/31/09 to 1/31/11	RESEARCH		
	POULIOT, SEBASTIEN		ECONOMICS-AES/CALS	
\$36,396	UNIVERSITY OF FLORIDA			404-40-09
88033	Construction of Comprehensive Sequence Indexed Transposon Resources for Maize			
	8/1/09 to 7/31/10	RESEARCH		
	LAWRENCE, CAROLYN		GENETICS, DEVELOPMENT & CELL BIOLOGY	
CO-PI	SPALDING, MARTIN		GENETICS, DEVELOPMENT & CELL BIOLOGY	
\$36,037	PRAIRIE LAKES AREA EDUCATION AGENCY 8			400-28-22
104376	Area Education Agency 8 Technology Leadership Training			
	8/1/09 to 6/30/11	EXTENSION/PUBLIC		
	MCLEOD, SCOTT		EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS	
\$34,440	KANSAS STATE UNIVERSITY			400-42-22
99011	PRRS Host Genetics Consortium: A Proposal to Develop a Consortium to Study the Role of Host Genetics and Resistance to PRRSV			
	8/15/09 to 8/15/10	RESEARCH		
	REECY, JAMES		ANIMAL SCIENCE-AES/CALS	
\$33,600	NATIONAL SCIENCE FOUNDATION			420-17-79
99172	CSR-DMSS, SM: Design and Evaluation of a Scalable Meta-Event Dissemination System			
	8/11/09 to 8/31/11	RESEARCH		
	TIRTHAPURA, SRIKANTA		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
CO-PI	SOMANI, ARUN		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$32,878	IOWA SOYBEAN ASSOCIATION			450-40-06
99455	Soybean Development and Susceptibility to Sudden Death Syndrome			
	10/1/09 to 9/30/10	RESEARCH		
	LEANDRO, LEONOR		PLANT PATHOLOGY-AES/CALS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$32,000	UNIVERSITY OF MINNESOTA			410-30-65
99371	CYFERNet Technology			
	5/15/09 to 5/14/10	EXTENSION/PUBLIC		
	WOODS, BARBARA	EXTENSION TO FAMILIES-EXT		
\$31,800	NATIONAL SCIENCE FOUNDATION			420-20-54
99221	PRAC: Computational Chemistry at the Petascale			
	10/1/09 to 9/30/12	RESEARCH		
	LAMM, MONICA	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR		
CO-PI	BODE, BRETT	ELECTRICAL & COMPUTER ENGINEERING-ENGR		
CO-PI	GORDON, MARK	CHEMISTRY-LAS		
CO-PI	SOSONKINA, MASHA	COMPUTER SCIENCE-LAS		
CO-PI	WINDUS, THERESA	CHEMISTRY-LAS		
\$31,606	DEPARTMENT OF AGRICULTURE, FAS			412-30-25
105204	Pest Monitoring and Forecasting Training for Serbia			
	5/12/08 to 12/31/10	EXTENSION/PUBLIC		
	GLEASON, MARK	PLANT PATHOLOGY-EXT		
\$30,000	DEPARTMENT OF ENERGY, OBER			401-46-01
93859	Genomics of Wood Formation and Cellulosic Biomass Traits in Sunflower			
	9/15/08 to 9/14/10	RESEARCH		
	LAMKEY, KENDALL	AGRONOMY-CALS		
CO-PI	MAREK, LAURA	AGRONOMY-CALS		
\$30,000	SOUTH DAKOTA STATE UNIVERSITY			404-25-18
98057	Regional Biomass Feedstock Partnership-Herbaceous Bioenergy Crop Field Trials			
	1/1/09 to 9/30/10	RESEARCH		
	HEATON, EMILY	AGRONOMY-AES		

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$30,000	IOWA SOYBEAN ASSOCIATION			450-40-02
99494	Non-Host Resistance for Creating Broad-Spectrum Disease Resistance in Soybean			
	10/1/09 to 9/30/10	RESEARCH		
	BHATTACHARYYA, MADAN		AGRONOMY-AES/CALS	
\$30,000	IOWA SOYBEAN ASSOCIATION			450-40-08
99532	Aphid-Crop Interactions			
	10/1/09 to 9/30/10	RESEARCH		
	MILLER, WYATT		PLANT PATHOLOGY-EXT	
CO-PI	BONNING, BRYONY		ENTOMOLOGY-AES/CALS	
CO-PI	MACINTOSH, GUSTAVO		BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	
\$30,000	MONSANTO COMPANY			400-44-12
104527	MON 78789 and Foliar Mixtures on Soy Brown Stem Rot I			
	5/1/09 to 12/31/09	RESEARCH		
	TYLKA, GREGORY		PLANT PATHOLOGY-AES/CALS	
\$30,000	NATIONAL INSTITUTES OF HEALTH			430-23-06
104637	Characterization of a Complex Regulatory Element of Spinal Muscular Atrophy Genes			
	9/1/09 to 6/30/10	EQUIPMENT		
	SINGH, RAVINDRA		BIOMEDICAL SCIENCES-VET	
\$30,000	ROCKWELL COLLINS, INC			400-25-09
105206	A Virtual Reality Interface for Product/Analysis Data Visualization			
	8/15/08 to 8/15/10	RESEARCH		
	OLIVER, JAMES		MECHANICAL ENGINEERING-ENGR	
\$25,063	NATIONAL SCIENCE FOUNDATION			420-40-28
95590	Collaborative Research: Recovery and Analysis of Preserved Poaceae Viruses to Examine Microbial Dispersal and Evolution During an Era of Global Change			
	9/1/09 to 8/31/10	RESEARCH		
	MILLER, WYATT		PLANT PATHOLOGY-CALS	

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$25,000	DEPARTMENT OF AGRICULTURE, NRCS			412-45-10
104562	Modeling and Analytical Assistance for the Conservation Effects Assessment Project			
	8/21/09 to 6/30/10	RESEARCH		
	GASSMAN, PHILIP		CENTER FOR AGRICULTURAL & RURAL DEVELOPMENT-AES/CALS	
\$24,079	DEPARTMENT OF AGRICULTURE, FAS			412-45-15
104575	2009 Southeast Asia Borlaug Fellows Program at Iowa State University			
	8/31/09 to 9/30/10	INSTRUCTION/TRAINING		
	BJELLAND, DENISE		GLOBAL AGRICULTURE PROGRAMS-AES/CALS	
\$22,596	UNITED STATES ARMY CORPS OF ENGINEERS			421-20-35
98271	Water Quality Study, Red Rock Reservoir			
	9/11/09 to 12/31/09	RESEARCH		
	LUTZ, DONNA		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	ONG, SAY		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$21,000	SCHOOL ADMINISTRATORS OF IOWA			400-28-25
104342	SAI Technology Training for Administrators Agreement 02			
	8/1/09 to 12/15/09	INSTRUCTION/TRAINING		
	MCLEOD, SCOTT		EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS	
\$20,573	NATIONAL SCIENCE FOUNDATION			420-71-02
104138	CAREER: On Mutualism of Modularity and Concurrency Goals			
	8/31/09 to 6/30/10	EQUIPMENT		
	RAJAN, HRIDESH		COMPUTER SCIENCE-LAS	
\$20,504	UNITED STATES ARMY CORPS OF ENGINEERS			421-20-36
98262	Water Quality Study, Saylorville Reservoir			
	9/8/09 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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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$20,000	VETERANS ADMINISTRATION CENTER - IOWA CITY			428-23-13
84162	Growth Factor Treatment of Visual Loss in Compressive Optic Nerve Injury			
	8/14/09 to 9/30/09	RESEARCH		
	GROZDANIC, SINISA		VETERINARY CLINICAL SCIENCES	
CO-PI	SAKAGUCHI, DONALD		GENETICS, DEVELOPMENT & CELL BIOLOGY	
\$20,000	OSTEOCERAMICS, INC			400-23-11
96183	Marketing Experiments for Induced Bone Regeneration			
	7/1/03 to 12/31/09	RESEARCH		
	HOEFLE, WILLIAM		VETERINARY CLINICAL SCIENCES-VET	
\$16,012	IOWA STATE UNIVERSITY RESEARCH FOUNDATION			405-25-01
105397	Royalty Income - IPRT			
	7/1/09 to 12/31/99	MISCELLANEOUS		
	KRAUS, GEORGE		INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY ADMINISTRATION-VPR/ED	
\$15,975	DUCTSOX CORPORATION			400-75-35
104483	Increasing Building Energy Efficiency by Using Fabric Ducting			
	8/16/09 to 8/15/10	RESEARCH		
	OLSEN, MICHAEL		MECHANICAL ENGINEERING-ENGR	
CO-PI	GANAPATHYSUBRAMANIAN, B		MECHANICAL ENGINEERING-ENGR	
CO-PI	KRENNRICH, JULIENNE		INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VP	
\$15,924	MAHASKA COUNTY EDUCATIONAL CONSORTIUM			400-28-19
104341	Technology Integration Assistance 2009-10, Mahaska County Educational Consortium			
	8/1/09 to 6/30/10	INSTRUCTION/TRAINING		
	MCLEOD, SCOTT		EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS	
\$14,973	ARMY CORPS OF ENGINEERS			421-40-03
104730	Genetic Analysis of the Federally Endangered Winged Mapleleaf Mussel to Aid Proposed Re-Introduction Efforts			
	9/14/09 to 9/30/10	RESEARCH		
	ROE, KEVIN		NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	

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\$13,801	IOWA SOYBEAN ASSOCIATION			450-30-06
99560	Soybean Seed Treatment and Inoculant Evaluation			
	10/1/09 to 9/30/10	RESEARCH		
	PEDERSEN, PALLE		AGRONOMY-AES/CALS	
\$12,500	AMERICAN SOCIETY OF AGRONOMY			400-40-03
105028	United Soybean Board Fellowship			
	8/24/09 to 12/31/09	FELLOWSHIP		
	FEHR, WALTER		AGRONOMY-AES/CALS	
\$11,693	NATIONAL INSTITUTES OF HEALTH			430-21-06
104016	Pilot-Scale Heterocyclic and Carbocyclic Libraries for High Throughput Screening			
	9/1/09 to 8/31/10	RESEARCH		
	LAROCK, RICHARD		CHEMISTRY-LAS	
\$11,000	IOWA STATE UNIVERSITY RESEARCH FOUNDATION			405-25-02
99789	Pb-Free Solder Research-Micro-Analysis of Solder Joints			
	11/1/08 to 8/30/09	RESEARCH		
	ANDERSON, IVER		MATERIALS SCIENCE & ENGINEERING-ENGR	
\$10,047	IOWA DEPARTMENT OF NATURAL RESOURCES			473-46-05
104589	2009 Rathbun Lake Watershed Study			
	9/1/09 to 5/30/10	RESEARCH		
	DOWNING, JOHN		ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS	
\$10,000	AUBURN UNIVERSITY			410-30-47
104535	Technology Specialist for the Army Youth Development			
	7/20/09 to 9/30/09	EXTENSION/PUBLIC		
	MORRIS, JOHN		EXTENSION 4-H YOUTH DEVELOPMENT-EXT	

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\$10,000	IOWA PUREBRED SWINE COUNCIL			400-43-30
104694	Graduate Student Support			
	9/1/09 to 6/30/10	SCHOLARSHIP		
	BAAS, THOMAS		ANIMAL SCIENCE-AES/CALS	
\$9,987	IOWA SOYBEAN ASSOCIATION			450-30-07
99517	Development of a Field Crop Weed Identification Guide			
	10/1/09 to 9/30/10	EXTENSION/PUBLIC		
	MUELLER, DAREN		PLANT PATHOLOGY-AES/CALS	
CO-PI	HARTZLER, ROBERT		AGRONOMY-AES/CALS	
CO-PI	TYLKA, GREGORY		PLANT PATHOLOGY-AES/CALS	
\$9,976	UNIVERSITY OF MINNESOTA			410-30-50
97885	Extended-Duration Row Covers to Suppress Bacterial Wilt on Muskmelon: Optimizing a New Management Strategy for Organic Growers			
	2/1/10 to 5/31/11	RESEARCH		
	GLEASON, MARK		PLANT PATHOLOGY-EXT	
\$8,558	DEERE AND COMPANY			400-25-15
105081	Immersive Combine Simulator: Moline Application			
	9/1/09 to 12/31/09	RESEARCH		
	LUECKE, GREG		MECHANICAL ENGINEERING-ENGR	
\$8,501	ARMY RESEARCH OFFICE			421-17-06
97220	ARO Workshop on Digital Forensics			
	8/21/09 to 7/20/10	MISCELLANEOUS		
	GUAN, YONG		ELECTRICAL & COMPUTER ENGINEERING-ENGR	
\$8,500	DEPARTMENT OF AGRICULTURE, ARS			419-40-41
96875	Research Support Agreement			
	10/1/08 to 9/30/09	RESEARCH		
	LAMKEY, KENDALL		AGRONOMY-AES	

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\$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	
\$7,500	IOWA FINANCE AUTHORITY	478-29-02
98434	Bridge Studio Affordable Housing Student Competition	
	10/1/08 to 9/30/09 MISCELLANEOUS	
	LEWIS, CALVIN ARCHITECTURE-DSN	
CO-PI	ANDERSON, NADIA ARCHITECTURE-DSN	
\$7,170	NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	422-25-02
104662	Review of National Aeronautic and Space Administration Standard 5014-Nondestructive Evaluation Implementation Handbook for Fracture Control Programs	
	8/25/09 to 9/11/09 RESEARCH	
	THOMPSON, R. MATERIALS SCIENCE & ENGINEERING-ENGR	
\$7,088	METABOLIC TECHNOLOGIES, INC	400-75-30
104941	Effect of Liquid-Gel Delivery of HMB Through Oral and Sub-Lingual Administration on Plasma Levels of HMB	
	5/1/09 to 6/30/10 RESEARCH	
	SHARP, RICKEY KINESIOLOGY-HS	
CO-PI	KRENNRICH, JULIENNE INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VP	
\$6,371	RENEWABLE ENERGY GROUP	400-20-20
99811	Phase Behavior of Ternary Systems Based on Biodiesel, Diesel and Water	
	7/1/09 to 12/31/09 RESEARCH	
	MALLAPRAGADA, S. CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
CO-PI	NARASIMHAN, BALAJI CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	
\$6,323	KOSSUTH COUNTY BOARD OF HEALTH	404-30-11
98926	Iowa Healthy Communities Initiative-Year 2	
	7/1/09 to 6/30/10 EXTENSION/PUBLIC	
	WARNING, JEANNE EXTENSION AREA - NORTHWEST-EXT	
CO-PI	CLARK, NANCY EXTENSION TO FAMILIES-EXT	

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\$6,271	ROCKWELL COLLINS, INC			400-20-23
104211	Ferrofluid Inductor Investigation			
	7/9/09 to 11/15/09	RESEARCH		
	FAIDLEY, LEANN		MECHANICAL ENGINEERING-ENGR	
\$6,174	PACIFIC NORTHWEST NATIONAL LABORATORY			404-40-01
94534	Perform Numerical Simulations to Support PNNL Project 51655			
	9/26/07 to 9/30/09	RESEARCH		
	EWING, ROBERT		AGRONOMY-CALS	
\$5,647	UNIVERSITY OF MINNESOTA			400-17-64
96766	NEFE High School Financial Planning Program Evaluation			
	6/1/09 to 9/30/10	RESEARCH		
	ANDERSON, DIANNE		CENTER FOR SURVEY STATISTICS & METHODOLOGY-VPR/ED	
\$5,433	CITY OF NEWELL			400-61-61
104770	Phase 1 Archaeological Survey for City of Newell			
	8/20/09 to 12/31/09	EXTENSION/PUBLIC		
	HILL, MATTHEW		ANTHROPOLOGY-LAS	
\$5,347	NELSON ENERGY LLC			400-72-12
99785	Water Quality Evaluation for Red Rock Hydroelectric Plant, Part 2			
	4/1/08 to 7/31/09	RESEARCH		
	LUTZ, DONNA		CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
\$5,062	LUTHERAN SERVICES IN IOWA			400-30-12
105292	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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\$5,000	DEPARTMENT OF AGRICULTURE, CSREES	416-40-38
98451	Xanthomonas Genomics Conference 2009	
	9/1/09 to 8/31/10 MISCELLANEOUS	
	BOGDANOVE, ADAM PLANT PATHOLOGY-AES/CALS	
\$4,000	ECOSMART TECHNOLOGIES	400-42-28
104736	Fungicidal Efficacy of Three EcoSMART Technologies Products	
	8/15/09 to 12/31/09 RESEARCH	
	GLADON, RICHARD HORTICULTURE-AES/CALS	
\$3,615	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	
\$3,375	WOODBURY COUNTY EXTENSION	400-30-12
105077	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	
\$3,240	IOWA DEPARTMENT OF PUBLIC HEALTH	478-30-44
104710	Community Coaching and Capacity Building	
	8/1/09 to 5/30/10 EXTENSION/PUBLIC	
	EMERY, MARY SOCIOLOGY-EXT	
\$3,000	DEPARTMENT OF AGRICULTURE, ARS	419-40-11
104584	Plant Exploration in the United States to Collect Sunflower Germplasm for Crop Improvement	
	9/6/07 to 9/6/12 MISCELLANEOUS	
	LAMKEY, KENDALL AGRONOMY-AES/CALS	
CO-PI	MAREK, LAURA AGRONOMY-AES/CALS	

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\$2,432	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	
\$2,000	AMERICAN PSYCHOLOGICAL FOUNDATION	400-21-11
98665	Coping with Discrimination Among Asian American Community Adults	
	9/6/09 to 9/5/10 RESEARCH	
	WEI, MEIFEN PSYCHOLOGY-LAS	
\$1,801	IOWA STATE BANK	400-61-61
104706	Phase 1 Achaeological Survey for a Hog Confinement in Ringgold County	
	8/17/09 to 12/31/09 EXTENSION/PUBLIC	
	HILL, MATTHEW ANTHROPOLOGY-LAS	
\$1,688	COMMUNITY FOUNDATION OF THE GREAT RIVER BEND	400-30-12
105137	Local Support for Iowa AmeriCorps State of Promise Program	
	9/1/09 to 8/31/10 EXTENSION/PUBLIC	
	BROSHAR, DON EXTENSION 4-H YOUTH DEVELOPMENT-EXT	
\$1,000	MICHIGAN STATE UNIVERSITY	410-40-45
99267	NCRAC Base Extension Programming	
	9/1/09 to 8/31/10 EXTENSION/PUBLIC	
	MORRIS, JOSEPH NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS	
CO-PI	CLAYTON, RICHARD NATURAL RESOURCE ECOLOGY & MANAGEMENT-EXT	
\$906	COMMUNITY CORRECTION IMPROVEMENT ASSOCIATION	400-30-12
105162	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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	\$857 UNITED STATES ARMY CORPS OF ENGINEERS		421-20-35
98271	Water Quality Study, Red Rock Reservoir		
	8/19/98 to 9/30/09 RESEARCH		
	LUTZ, DONNA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	ONG, SAY	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
	\$844 MERRYMAKERS ASSOCIATION		400-30-12
105135	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	
	\$844 ASPIRE THERAPEUTIC RIDING PROGRAM		400-30-12
105138	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	
	\$844 POSITIVELY SPENCER YOUTH		400-30-12
105163	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	
	\$574 UNITED STATES ARMY CORPS OF ENGINEERS		421-20-36
98262	Water Quality Study, Saylorville Reservoir		
	5/1/09 to 9/30/09 RESEARCH		
	LUTZ, DONNA	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
CO-PI	ONG, SAY	CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR	
	\$453 HARTLEY PUBLIC LIBRARY		400-30-12
105293	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	