II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$2,370,000 STATE OF IOWA OFFICE OF ENERGY INDEPENDENCE

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
BROWN, ROBERT MECHANICAL ENGINEERING-ENGR
LIN, SHANG-YI CHEMISTRY-LAS
JONES, SAMUEL CENTER FOR SUSTAINABLE ENVIRONMENTAL TECHNOLOGIES - IPRT-VPR/ED

$1,690,024 STATE OF IOWA OFFICE OF ENERGY INDEPENDENCE

93459 Efficient, Low Cost, Solar Energy Conversion

11/12/08 to 2/28/12 RESEARCH

DALAL, VIKRAM ELECTRICAL & COMPUTER ENGINEERING-ENGR
KIM, JAERYOUN ELECTRICAL & COMPUTER ENGINEERING-ENGR
CHAUDHARY, SUMIT ELECTRICAL & COMPUTER ENGINEERING-ENGR
SHINAR, JOSEPH PHYSICS & ASTRONOMY-LAS
BISWAS, RANA PHYSICS & ASTRONOMY-LAS
SHINAR, RUTH MICROELECTRONICS RESEARCH CENTER - IPRT-VPR/ED
JEFFRIES-EL, MALIKA CHEMISTRY-LAS

$749,345 DEPARTMENT OF AGRICULTURE, CSREES

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
HONAVAR, VASANT COMPUTER SCIENCE-LAS
WANNEMUEHLER, MICHAEL VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET
NETTLETON, DANIEL STATISTICS-LAS

$629,146 DEPARTMENT OF ENERGY

93016 Operating and Management Support for the Ames Laboratory

11/1/08 to 9/30/09 RESEARCH

KING, ALEXANDER AMES LABORATORY
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$486,842 DEPARTMENT OF ENERGY

Operating and Management Support for the Ames Laboratory

11/1/08 to 9/30/09 RESEARCH

KING, ALEXANDER AMES LABORATORY

93016

$484,576 DEPARTMENT OF ENERGY

Investigations in Experimental and Theoretical High Energy Physics

11/1/08 to 10/31/09 RESEARCH

KRENNRICH, FRANK PHYSICS & ASTRONOMY
VALEN CIA, GERMAN PHYSICS & ASTRONOMY
WHISNANT, KERRY PHYSICS & ASTRONOMY
ATWOOD, DAVID PHYSICS & ASTRONOMY
ROSENBERG, ELI PHYSICS & ASTRONOMY
CARTER-LEWIS, DAVID PHYSICS & ASTRONOMY
POHL, MARTIN PHYSICS & ASTRONOMY
HAUPTMAN, JOHN PHYSICS & ASTRONOMY
COCHRAN, JAMES PHYSICS & ASTRONOMY
CRAWLEY, HENRY PHYSICS & ASTRONOMY
PRELL, SOEREN PHYSICS & ASTRONOMY
MEYER, WALTER PHYSICS & ASTRONOMY

82117

$450,000 SMALL BUSINESS ADMINISTRATION

Small Business Development Cooperative Agreement

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

HECKMANN, JAMES BUSINESS ADMINISTRATION-BUS

94519

$400,000 AMERICAN CONCRETE PAVEMENT ASSOCIATION

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
NAMBI SAN, SHASHI CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

97569
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$321,922 NATIONAL INSTITUTES OF HEALTH

94191 Neuroinflammatory Mechanisms in the Progression of Parkinsons Disease

2/15/09 to 1/31/10 RESEARCH
KANTHASAMY, ARTHI KANTHASAMY, ANUMANTHA
BIOMEDICAL SCIENCES-VET BIOMEDICAL SCIENCES-VET

$299,866 DARTMOUTH UNIVERSITY

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

96643 CP Road Map Administrative Support Contract #3

9/11/08 to 9/29/09 RESEARCH
WIEGAND, PAUL NAMBISAN, SHASHI
CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

$292,489 DARTMOUTH UNIVERSITY

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

81059 Regulation of Chromatin Structure and Gene Expression

1/1/09 to 12/31/09 RESEARCH
JOHANSEN, KRISTEN JOHANSEN, JORGEN GIRTON, JACK
BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY

$247,976 NATIONAL INSTITUTES OF HEALTH

85345 Modulation and Resistance of Levamisole Receptor Channels

1/1/09 to 12/31/09 RESEARCH
MARTIN, RICHARD
BIOMEDICAL SCIENCES
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

March 01 - 28, 2009

1. IOWA DEPARTMENT OF PUBLIC HEALTH

$227,032  10/1/08 to 9/30/09 EXTENSION/PUBLIC
GLENN, SHERRY  EXTENSION TO FAMILIES-EXT
VANGINKEL, MARGARET  EXTENSION TO FAMILIES-EXT

$226,068  7/1/08 to 6/30/11 EXTENSION/PUBLIC
MILLER, GERALD  AGRONOMY-EXT
MORTON, LOIS  SOCIOLOGY-EXT

$209,000  1/1/08 to 12/31/09 RESEARCH
GORDON, MARK  CHEMISTRY

$170,000  1/1/09 to 12/31/09 RESEARCH
LUECKE, GLENN  MATHEMATICS-LAS
COYLE, JAMES  INFORMATION TECHNOLOGY SERVICES-PROV

$162,954  11/1/07 to 12/31/09 RESEARCH
SMADI, OMAR  CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
NAMBIJAN, SHASHI  CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
HANS, ZACHARY  CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$162,500 UNIVERSITY OF NORTHERN IOWA

97463 Project Lead the Way Expansion

7/1/08 to 5/31/09 MISCELLANEOUS
ZACHARY, LOREN ENGINEERING ADMINISTRATION-ENGR

$144,543 UNIVERSITY OF MINNESOTA

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
DEULATE, KATHLEEN AGRONOMY
CHASE, CRAIG EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT

$136,000 DEPARTMENT OF ENERGY

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

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
HSU, DAVID CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED
BARNARD, DAN CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED

$125,000 NATIONAL SCIENCE FOUNDATION

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

96289 Investigation of Warm-Mix Asphalt Using Iowa Aggregate

1/27/09 to 8/31/10 RESEARCH
WILLIAMS, R CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
NAMBISAN, SHASHI CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
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<td>96786</td>
<td>Department of Agriculture, CSREES</td>
<td>$90,795</td>
<td>Ross, Jason</td>
<td>Regulation of the Development of IVF and SCNT Embryos by MicroRNAs</td>
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<td>82674</td>
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<td>Rheological Behavior of Dense Assemblies of Granular Materials</td>
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<td>96932</td>
<td>University of California</td>
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<td>Advanced Dispatch for Hybrid Wind Systems</td>
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<td>97462</td>
<td>Idaho National Laboratory</td>
<td>$83,000</td>
<td>Aliprantis, Dionyios, Ajjarapu, Venkataramana, McCalley, James</td>
<td>Biomass Feedstock Assembly to Gasification Process Computational Interface Development</td>
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<td>84222</td>
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<td>Guan, Yong</td>
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<td>93917</td>
<td>Department of Agriculture, ARS</td>
<td>$78,607</td>
<td>BAKER, RODNEY, Ramirez, ALEJANDRO</td>
<td>Study of PRRSV and PRRS Related Diseases</td>
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### I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<td>AIR FORCE OFFICE OF SCIENTIFIC RESEARCH</td>
<td>Potential Energy Surfaces and Dynamics for Energetic Ionic Liquids</td>
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<td>96067</td>
<td>$65,958</td>
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<td>Learning How to Use Communities of Practice to Address Sustainable Agriculture Issues</td>
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<td>93150</td>
<td>$65,042</td>
<td>FLORIDA INTERNATIONAL UNIVERSITY</td>
<td>Improvement of Postsecondary Education-Comprehensive Program</td>
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<td>86391</td>
<td>$60,000</td>
<td>CONSORTIUM FOR PLANT BIOTECHNOLOGY RESEARCH, INC</td>
<td>Plant Resistance to Aphids Mediated by an Insect Virus</td>
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<td>97657</td>
<td>$51,364</td>
<td>SOUTHWEST IOWA COALITION</td>
<td>Southwest Iowa Coalition Program Coordination</td>
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**Notes:**
- 2/1/09 to 11/30/09 RESEARCH
- GORDON, MARK CHEMISTRY-LAS
- 1/1/09 to 1/1/11 INSTRUCTION/TRAINING
- PIROG, RICHARD LEOPOLD CENTER-AES
- LARABEE, BETH LEOPOLD CENTER-AES
- 1/18/08 to 1/14/10 RESEARCH
- Winer, Eliot MECHANICAL ENGINEERING-ENGR
- 1/1/08 to 12/31/09 RESEARCH
- BONNING, BRYONY ENTOMOLOGY
- MILLER, WYATT PLANT PATHOLOGY
- 9/27/07 to 9/27/10 RESEARCH
- WHITE, DAVID CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
- NAMBISAN, SHASHI CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
- 1/1/09 to 12/31/11 EXTENSION/PUBLIC
- BORICH, TIMOTHY COMMUNITY & REGIONAL PLANNING-EXT
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$49,033  IOWA EGG COUNCIL

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
LI, HONG  AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES

$48,971  IOWA STATE UNIVERSITY RESEARCH FOUNDATION

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
KADOLPH, SARA  APPAREL, EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT-HS

$46,667  UNIVERSITY OF NEBRASKA-LINCOLN

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

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
NAMBISAN, SHASHI  CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

$44,999  JAPAN AEROSPACE EXPLORATION AGENCY

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

Industrial Assessment Center

9/1/06 to 8/31/11  RESEARCH
MAXWELL, GREGORY  MECHANICAL ENGINEERING
PETERS, FRANK  INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING
### I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<th>Grant No.</th>
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<td>9/1/06 to 8/31/11</td>
<td>Research</td>
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<td>97958</td>
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<td>IOWA SOYBEAN ASSOCIATION</td>
<td>1/15/09 to 1/15/10</td>
<td>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</td>
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<td>96160</td>
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<td>SMITHSONIAN ASTROPHYSICAL OBSERVATORY, SMITHSONIAN INSTITUTION</td>
<td>1/1/09 to 7/31/10</td>
<td>ChAInGeS: The Chandra Arp Interacting Galaxies Survey</td>
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<td>95659</td>
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<td>COTTON INCORPORATED</td>
<td>1/1/09 to 12/31/09</td>
<td>Comparative Evolutionary Proteomics of Cotton</td>
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<td>97694</td>
<td>$30,235</td>
<td>IOWA DEPARTMENT OF PUBLIC HEALTH</td>
<td>1/1/09 to 12/31/09</td>
<td>Epidemiology and Laboratory Capacity for Infectious Diseases</td>
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<td>93764</td>
<td>$28,500</td>
<td>DEPARTMENT OF ENERGY</td>
<td>11/1/07 to 10/31/08</td>
<td>Investigations in Experimental and Theoretical High Energy Physics</td>
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$27,386 IOWA DEPARTMENT OF HUMAN SERVICES
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
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
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
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
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.
Development of Ammonia Pretreatment Reactor for Lignocellulosic Bioethanol Production
12/1/08 to 11/30/09 RESEARCH
KIM, TAE AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$20,000  JET PROPULSION LABORATORY
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
97459  Dissolution of Novel Plastics in Biodiesel
1/1/09 to 4/1/09  RESEARCH
NARASIMHAN, BALAJI  CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
MALLAPRAGADA, S.  CHEMICAL & BIOLOGICAL ENGINEERING-ENGR

$18,350  VAN BEEK NATURAL SCIENCE, LLC
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
MUMM, LYNNE  INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY-VPR/ED

$17,550  FOX ENGINEERING ASSOCIATES, INC
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
MUMM, LYNNE  INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY-VPR/ED

$16,687  IOWA DEPARTMENT OF TRANSPORTATION
96157  Iowa Department of Transportation Safety Analysis Coordination
11/15/08 to 6/30/09  RESEARCH
SOULEYRETTE, REGINALD  CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
NAMBISAN, SHASHI  CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

$15,000  IOWA DEPARTMENT OF TRANSPORTATION
96850  Evaluation of 70 MPH Speed Limit
3/1/06 to 8/31/09  RESEARCH
SOULEYRETTE, REGINALD  CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

February 01 - 28, 2009

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<td>Iowa Department of Transportation</td>
<td>Evaluation of 70 MPH Speed Limit</td>
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<td>Fort Dodge Community School District</td>
<td>Evaluation of the BLAST! After School Program at Butler Elementary in Fort Dodge, Iowa</td>
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<td>Iowa Egg Council</td>
<td>Production of Ovotransferrin from Egg White for Antimicrobial Application</td>
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<td>54211</td>
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- Co-PIs for specific projects are listed in the original document.
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$10,000 DEPARTMENT OF AGRICULTURE, CSREES

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

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

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

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

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

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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<td>Parental Feeding Style and Dietary Intake in Ghanaian Children 2 to 5 Years of Age</td>
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<td>Furthering Seamless Transitions Into and Through Science Teacher Education</td>
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<td>Hill, Matthew, EXTENSION/PUBLIC, ANTHROPOLOGY-LAS, CHEROKEE AREA ECONOMIC DEVELOPMENT</td>
</tr>
<tr>
<td>97762</td>
<td>$3,549</td>
<td>Phase 1 Archaeological Survey for Osage Road Grade and Pave</td>
</tr>
<tr>
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<td></td>
<td>Hill, Matthew, EXTENSION/PUBLIC, ANTHROPOLOGY-LAS, BLACK HAWK COUNTY ENGINEER</td>
</tr>
</tbody>
</table>

**Note:** Dates and other details are included in the project descriptions.
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$3,514 DES MOINES COUNTY EXTENSION SERVICE
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
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
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
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
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
98144 Phase 1 Archaeological Survey in Howard County
2/16/09 to 6/30/09 EXTENSION/PUBLIC
HILL, MATTHEW ANTHROPOLOGY-LAS
February 01 - 28, 2009

I I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$1,287 KEMIN NUTRISURANCE

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

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

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