I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$1,462,700 NATIONAL SCIENCE FOUNDATION 3/1/09 to 2/28/10 RESEARCH
92643 Metabolomics: A Functional Genomics Tool for Deciphering Functions of Arabidopsis Genes in the Context of Metabolic and Regulatory Networks
NIKOLAU, BASIL BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES
WURTELE, EVE GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS
DIXON, PHILIP STATISTICS-LAS
DICKERSON, JULIE ELECTRICAL & COMPUTER ENGINEERING-ENGR
NATIONAL SCIENCE FOUNDATION $1,462,700
Metabolomics: A Functional Genomics Tool for Deciphering Functions of Arabidopsis Genes in the Context of Metabolic and Regulatory Networks
3/1/09 to 2/28/10 RESEARCH
NIKOLAU, BASIL BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES
WURTELE, EVE GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS
DIXON, PHILIP STATISTICS-LAS
DICKERSON, JULIE ELECTRICAL & COMPUTER ENGINEERING-ENGR

$1,206,815 NUGENPLASM COMPANY 3/1/09 to 4/1/14 RESEARCH
93665 Transgenic Maize Seeds with Enhanced Starch Property for Bio-Processing
WANG, KAN AGRONOMY-CALS
JANE, JAY-LIN FOOD SCIENCE & HUMAN NUTRITION-CALS

$1,200,000 DEPARTMENT OF ENERGY 9/30/08 to 12/31/09 RESEARCH
90401 Syngas to Synfuels Process Development Unit - Phase I
BROWN, ROBERT MECHANICAL ENGINEERING
JONES, SAMUEL CENTER FOR SUSTAINABLE ENVIRONMENTAL TECHNOLOGIES

$1,000,000 DEPARTMENT OF ENERGY, GOLDEN FIELD OFFICE 9/30/08 to 9/30/10 RESEARCH
94170 A Systems Approach to Bio-Oil Stabilization
BROWN, ROBERT MECHANICAL ENGINEERING-ENGR
SHANKS, BRENT CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
MEYER, TERRENCE MECHANICAL ENGINEERING-ENGR
SUBRAMANIAM, SHANKAR MECHANICAL ENGINEERING-ENGR
FOX, RODNEY CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
SATRIO, JUSTINUS CENTER FOR SUSTAINABLE ENVIRONMENTAL TECHNOLOGIES - IPRT-VPR/ED
JONES, SAMUEL CENTER FOR SUSTAINABLE ENVIRONMENTAL TECHNOLOGIES - IPRT-VPR/ED
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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$944,899  DEPARTMENT OF ENERGY

91655  Catalytic Production of Ethanol from Biomass-Derived Synthesis Gas

9/30/08  to  6/30/10  RESEARCH

LINE, SHANG-YI  CHEMISTRY

KRAUS, GEORGE  CHEMISTRY

BROWN, ROBERT  MECHANICAL ENGINEERING

PRUSKI, MAREK  AMES LABORATORY

SATRIO, JUSTINUS  AMES LABORATORY

401-25-09

$914,190  NATIONAL SCIENCE FOUNDATION

92539  GEPR Comparative Evolutionary Genomics of Cotton

3/1/09  to  2/28/10  RESEARCH

WENDEL, JONATHAN  ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

LESHEM-ACKERMAN, ADAH  ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

420-61-82

$685,000  NORTH CAROLINA STATE UNIVERSITY

98314  Dairy Records Management System

5/1/09  to  4/30/10  EXTENSION/PUBLIC

HOGBERG, MAYNARD  ANIMAL SCIENCE-EXT

PALAS, GREGORY  ANIMAL SCIENCE-EXT

400-39-17

$244,199  MEDICAL COLLEGE OF WISCONSIN

94474  Neuroprotection by Mitochondria-Targeted Antioxidants

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

KANTHASAMY, ANUMANtha  BIOMEDICAL SCIENCES-VET

404-17-74

$240,000  UT-BATELLE, OAK RIDGE NATIONAL LABORATORY

97532  UPC Compile-Time Error Detection Test Suite

3/2/09  to  9/30/09  RESEARCH

LUECKE, GLENN  MATHEMATICS-LAS

404-26-01
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

March 01 - 31, 2009

$238,689 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
A Prototype Remote Sensing Validation Site: Towards a Multi-Variable Approach to Validating and Scaling Remotely-Sensed Observations of the Water Cycle
2/1/09 to 1/31/11 RESEARCH
HORNBUCKLE, BRIAN AGRONOMY
KALEITA-FORBES, AMY AGRICULTURAL & BIOSYSTEMS ENGINEERING

$230,000 NATIONAL APPLIED RESEARCH LABORATORIES
East Asian Monsoon Experiment
6/1/08 to 5/31/09 RESEARCH
CHEN, TSING-CHANG GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS

$211,000 NORTHWEST AREA FOUNDATION
Horizons Community Implementation Project Phase III
7/17/08 to 7/31/10 EXTENSION/PUBLIC
WARNING, JEANNE EXTENSION TO FAMILIES-EXT
FLETCHER, CYNTHIA HUMAN DEVELOPMENT & FAMILY STUDIES-EXT
FREEMAN, RUTH EXTENSION TO FAMILIES-EXT

$204,999 NATIONAL INSTITUTES OF HEALTH
Use of RecA to Promote Gene Targeting
3/1/09 to 2/28/10 RESEARCH
ESSNER, JEFFREY GENETICS, DEVELOPMENT & CELL BIOLOGY-AES

$171,504 DEPARTMENT OF EDUCATION
Chemical Transformations of Biomass: A New Direction in Graduate Education
8/15/07 to 8/14/09 FELLOWSHIP
PETRICH, JACOB CHEMISTRY

$168,890 NUGENPLASM COMPANY
Identification of Cellular Mechanisms Underlying the Improvements in Growth Rate and Feed Efficiency Achieved by Feeding Morinda Citrifolia
3/1/09 to 2/28/10 RESEARCH
SPURLOCK, MICHAEL FOOD SCIENCE & HUMAN NUTRITION-CALS
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$148,606 UNIVERSITY OF ILLINOIS  
90475  
Theoretical Foundations and Design of Self-Healing and Fast-Recovery Strategies for Network Infrastructure Protection  
YING, LEI  
ELECTRICAL & COMPUTER ENGINEERING  
RESEARCH  
2/19/08 to 2/18/10  
$134,909 NATIONAL SCIENCE FOUNDATION  
78824  
BERESNEV, IGOR  
GEOLOGICAL & ATMOSPHERIC SCIENCES  
VIGIL, DENNIS  
CHEMICAL & BIOLOGICAL ENGINEERING  
RESEARCH  
5/1/07 to 4/30/10  
$132,305 CORPORATION FOR PUBLIC BROADCASTING  
96770  
FY09 Community Service Grant  
WIRTH, DONALD  
WOI RADIO-VPBF  
DEPT/ADMIN SUPPORT  
10/1/08 to 9/30/10  
$126,543 UNIVERSITY OF IOWA  
98018  
Alliance for the Production of African American Ph.Ds in the Mathematical Sciences  
HOGBEN, LESLIE  
MATHMATICS-LAS  
KAISER, MARK  
STATISTICS-LAS  
INSTRUCTION/TRAINING  
8/1/05 to 7/31/09  
$125,000 IOWA DEPARTMENT OF TRANSPORTATION  
97802  
Iowa's Public Employees Leadership Academy  
SMITH, DUANE  
CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED  
NAMBIKAN, SHASHI  
CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED  
EXTENSION/PUBLIC  
2/20/09 to 2/28/11  
$117,315 NATIONAL INSTITUTES OF HEALTH  
91089  
Role of B Cells in the Cell-Mediated Immune Response to Leishmania Amazonensis  
GIBSON-CORLEY, KATHERINE  
VETERINARY PATHOLOGY  
RESEARCH  
5/1/09 to 4/30/10
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$112,486 CALIFORNIA INSTITUTE OF TECHNOLOGY

73949 IMR - MIP DANSE

6/1/06 to 5/31/09 RESEARCH

CO-PI USTUNDAG, ERSAN MATERIALS SCIENCE & ENGINEERING

CO-PI GENALO, LAWRENCE MATERIALS SCIENCE & ENGINEERING

CO-PI SCHMIDT, DENISE CURRICULUM & INSTRUCTION

$101,478 AIR FORCE OFFICE OF SCIENTIFIC RESEARCH

95706 Bio-Inspired Integrated Sensing and Control of Flapping Flight for Micro Aerial Vehicles

2/15/09 to 11/30/09 RESEARCH

CHUNG, SOON-JO AEROSPACE ENGINEERING-ENGR

$100,000 CONCRETE REINFORCING STEEL INSTITUTE

97688 Management of the National Concrete Pavement Technology Center

1/1/09 to 12/31/09 DEPT/ADMIN SUPPORT

CO-PI CACKLER, ELLS CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

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

$99,796 NATIONAL SCIENCE FOUNDATION

90177 Collaborative Research: Oxidative Stress, Telomere Dynamics and Aging in a Free-Living Organism

4/1/08 to 3/31/10 RESEARCH

CO-PI VLECK, CAROL ECOLOGY, EVOLUTION & ORGANISMAL BIOLOG

CO-PI VLECK, DAVID ECOLOGY, EVOLUTION & ORGANISMAL BIOLOG

$94,000 IOWA DEPARTMENT OF NATURAL RESOURCES

77888 Leopold Center Support

11/1/08 to 1/31/99 RESEARCH

DEWITT, JERALD ENTOMOLOGY

$92,955 THE COOPER INSTITUTE

97725 Evaluation of Fitnessgram Centers of Excellence Project

9/1/08 to 7/31/10 RESEARCH

WELK, GREGORY KINESIOLOGY-HS
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

97725
$92,955 THE COOPER INSTITUTE
Evaluation of Fitnessgram Centers of Excellence Project
9/1/08 to 7/31/10 RESEARCH
CO-PI
IHMELS, MICHELLE KINESIOLOGY-HS

97640
$90,000 MIDWEST DAIRY ASSOCIATION
Midwest Dairy Association Research Program
1/1/09 to 12/31/09 RESEARCH
MACDONALD, RUTH FOOD SCIENCE & HUMAN NUTRITION-CALS

97671
$87,021 OFFICE OF NAVAL RESEARCH
Towards Secure and Privacy-Preserving Deployment and Access of Large Tactical Sensor Networks
6/1/09 to 5/13/12 RESEARCH
ZHANG, WENSHENG COMPUTER SCIENCE-LAS

97269
$75,000 CONOCOPHILLIPS COMPANY
Biofuels Research Program
1/1/09 to 12/31/09 RESEARCH
BROWN, ROBERT MECHANICAL ENGINEERING-ENGR

78084
$67,159 OFFICE OF NAVAL RESEARCH
Three Dimensional Interactive Microstructural Evolution Tool - iMET-3D: Data Mining and Analysis
12/1/05 to 3/31/10 RESEARCH
RAJAN, KRISHNA MATERIALS SCIENCE & ENGINEERING

87158
$64,229 NATIONAL INSTITUTES OF HEALTH
The Etiology of Birth Defects: Implications for GNMT Activation
3/6/08 to 2/28/10 RESEARCH
SCHALINSKE, KEVIN FOOD SCIENCE & HUMAN NUTRITION
## I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

### March 01 - 31, 2009

| Grant Number | Amount | Description | Principal Investigator(s) | Co-Investigator(s) | Start Date | End Date | Funding Agency | Project Number |
|--------------|--------|-------------|---------------------------|--------------------|-------------|-----------|---------------|----------------|----------------|
| 97165        | $62,320| Project Recovery | GLENN, SHERRY | VANGINKEL, MARGARET | 5/25/08    | 9/30/09 | IOWA DEPARTMENT OF HUMAN SERVICES | 470-30-05 |
| 400-20-95    |        | Fabrication of Transition Element Metal-metal Composites | RUSSELL, ALAN |         | 12/10/08 | 8/1/09 | TERUMO CORPORATION, ASHITAKA FACTORY | 401-20-03 |
| 401-20-03    | $60,000| Industrial Assessment Center | MAXWELL, GREGORY | PETERS, FRANK | 9/1/06    | 8/31/11 | DEPARTMENT OF ENERGY | 419-26-01 |
| 419-26-01    |        | Conservation Effects Assessment Project Database Development | KANE, KEVIN |         | 9/26/07 | 12/31/10 | DEPARTMENT OF AGRICULTURE, ARS | 470-21-05 |
| 470-21-05    | $58,900| EDEC Implementation | NORDMAN, DANIEL | VARDEMAN, STEPHEN | 3/2/09    | 6/30/11 | IOWA DEPARTMENT OF HUMAN SERVICES | 404-20-01 |
| 404-20-01    |        | Development, Verification and Validation of Multiphase Models for Polydisperse Flow | SUBRAMANIAM, SHANKAR |         | 5/18/07 | 5/17/09 | UNIVERSITY OF COLORADO | 83019 |
## I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

<table>
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**II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT**

$47,081  STORY COUNTY DEPARTMENT OF PUBLIC HEALTH  
Regional Dissemination of School and Community Programming Through the Iowa State University Campus Community Partnership for Health  
12/1/08 to 6/30/09  RESEARCH  
WELK, GREGORY  
SEEGER, CHRISTOPHER  
KINESIOLOGY-HS  
LANDSCAPE ARCHITECTURE-DSN  

$46,789  BROOKHAVEN NATIONAL LABORATORY  
RHIC Physics Fellows Program  
9/1/08 to 3/31/09  FELLOWSHIP  
SHINAR, JOSEPH  
PHYSICS & ASTRONOMY-LAS  

$46,242  UNITED STATES ARMY CORPS OF ENGINEERS  
Water Quality Study, Saylorville Reservoir  
3/1/09 to 4/30/09  RESEARCH  
LUTZ, DONNA  
ONG, SAY  
CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR  
CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR  

$44,000  INVOCON, INC  
Detection of Pressure Vessel Breach in Manned Spacecraft Using Leak-Generated, Structure-Borne Noise - Phase II  
8/15/08 to 6/1/09  RESEARCH  
CHIMENTI, DALE  
ROBERTS, RONALD  
HOLLAND, STEPHEN  
AEROSPACE ENGINEERING-ENGR  
AEROSPACE ENGINEERING-ENGR  
AEROSPACE ENGINEERING-ENGR  

$43,200  UNIVERSITY OF NORTHERN IOWA  
IT-Olympics, 2009  
1/16/09 to 5/31/09  INSTRUCTION/TRAINING  
JACOBSON, DOUG  
ELECTRICAL & COMPUTER ENGINEERING-ENGR  

$42,703  IOWA DEPARTMENT OF TRANSPORTATION  
Lane Departure Safety Countermeasures: Strategic Action Plan for the Iowa Department of Transportation  
3/1/09 to 12/31/09  RESEARCH  
NAMBISAN, SHASHI  
CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
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$42,703 IOWA DEPARTMENT OF TRANSPORTATION

97422 Lane Departure Safety Countermeasures: Strategic Action Plan for the Iowa Department of Transportation

3/1/09 to 12/31/09 RESEARCH

HALLMARK, SHAUNA CO-PI CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR

$42,031 UNIVERSITY OF MARYLAND

78949 Iron-Based Magnetostrictive Alloys: New Structural Materials for Revolutionary Engineered Systems

10/1/07 to 12/31/09 RESEARCH

LOGRASSO, THOMAS CO-PI MATERIALS SCIENCE & ENGINEERING

MCQUEENEY, ROBERT CO-PI PHYSICS & ASTRONOMY

$41,479 FLORIDA STATE UNIVERSITY

90599 Taking the Lead in Community Wellness: Improving Dietary Behaviors of Mid-Life and Older African Americans

6/3/08 to 1/31/10 RESEARCH

WICKRAMA, K. CO-PI HUMAN DEVELOPMENT & FAMILY STUDIES

$38,750 RENSSELAER POLYTECHNIC INSTITUTE

82788 Electromagnetic Field Concentration for Enhanced Infrared Detection

6/15/06 to 5/31/09 RESEARCH

HO, KAI-MING CO-PI PHYSICS & ASTRONOMY

$36,764 UNIVERSITY OF ILLINOIS

95944 Assessing the Effects of Food Stamps on Child Outcomes When Program Participation is Misreported

12/16/08 to 10/31/09 RESEARCH

KREIDER, BRENT CO-PI ECONOMICS-CALS

$35,367 NORTH CAROLINA STATE UNIVERSITY

97121 Strategic Habitat Conservation in Puerto Rico

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

DINSMORE, STEPHEN CO-PI NATURAL RESOURCE ECOLOGY & MANAGEMENT-CALS
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$35,000 KIRKWOOD COMMUNITY COLLEGE

96560 Evaluation of Agrowknowledge Resource Center for Agriscience and Technology Education

7/1/08 to 6/30/09 RESEARCH

ANDERSON, MARY RESEARCH INSTITUTE FOR STUDIES IN EDUCATION- HS

KEMIS, MARI RESEARCH INSTITUTE FOR STUDIES IN EDUCATION- HS

$30,000 DEPARTMENT OF AGRICULTURE, FS

94472 The Association of Raffaelea Lauricola and Other Ophiostomatoid Fungi with Xyleborus Glabratus and Other Ambrosia Beetles in Southeastern United States and Asia

3/5/09 to 2/28/11 RESEARCH

HARRINGTON, THOMAS PLANT PATHOLOGY-CALS

$30,000 UNIVERSITY OF ILLINOIS

97069 Midwest Weather Working Group-Year 2

3/15/09 to 3/14/10 EXTENSION/PUBLIC

GLEASON, MARK PLANT PATHOLOGY-EXT

$30,000 RAYTHEON NETWORK CENTRIC SYSTEMS

97564 NSF I/UCRC Center for Information Protection-Raytheon

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

JACOBSON, DOUG ELECTRICAL & COMPUTER ENGINEERING-ENGR

$30,000 IOWA DEPARTMENT OF TRANSPORTATION

97584 Implementation and Operation of the Iowa Department of Transportation Pavement Management Optimization Model

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

SMADI, OMAR CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

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

$30,000 IOWA STATE UNIVERSITY RESEARCH FOUNDATION

98290 Detecting Homologous Recombination in Plants

2/23/09 to 7/31/09 RESEARCH

WRIGHT, DAVID GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS
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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$29,993 CITY OF SOUTH SIOUX CITY

98162 South Sioux City Sleeping Cabins 2009

2/1/09 to 6/30/09 INSTRUCTION/TRAINING
BASSLER, BRUCE ARCHITECTURE-DSN

$25,964 DUCKS UNLIMITED INSTITUTE FOR WETLAND & WATERFOWL RESEARCH

93486 Muskrat Population Dynamics in the Summerberry Marshes, Manitoba

4/1/08 to 3/31/11 RESEARCH
CLARK, WILLIAM ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-CALS

$25,000 MIDWEST TRANSMISSION INDEPENDENT SYSTEM

98416 Midwest Transmission Independent Systems-Electric Power Research Company

1/1/09 to 12/31/09 RESEARCH
BAIRD, TOM ELECTRICAL & COMPUTER ENGINEERING-ENGR

$24,000 VETERANS ADMINISTRATION CENTER - IOWA CITY

84162 Growth Factor Treatment of Visual Loss in Compressive Optic Nerve Injury

10/1/08 to 9/30/09 RESEARCH
GROZDANIC, SINISA VETERINARY CLINICAL SCIENCES
SAKAGUCHI, DONALD GENETICS, DEVELOPMENT & CELL BIOLOGY

$23,097 UNITED STATES ARMY CORPS OF ENGINEERS

98271 Water Quality Study, Red Rock Reservoir

3/1/09 to 4/30/09 RESEARCH
LUTZ, DONNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
ONG, SAY CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR

$23,000 VETERANS ADMINISTRATION CENTER - IOWA CITY

84162 Growth Factor Treatment of Visual Loss in Compressive Optic Nerve Injury

10/1/08 to 9/30/09 RESEARCH
GROZDANIC, SINISA VETERINARY CLINICAL SCIENCES
SAKAGUCHI, DONALD GENETICS, DEVELOPMENT & CELL BIOLOGY
March 01 - 31, 2009

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

$21,444  FUTURE OF IOWA FOUNDATION

97998  Indicators of Iowa’s Research and Development Climate

2/10/09  to 5/10/09  RESEARCH
SWENSON, DAVID  ECONOMICS-AES

$20,000  IOWA DEPARTMENT OF TRANSPORTATION

97927  Iowa Traffic Safety Data Service

5/1/05  to 6/30/10  RESEARCH
SOULEYRETTE, REGINALD  CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
NAMBI SAN, SHASHI  CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

$18,712  NATIONAL SCIENCE FOUNDATION

97100  Research Opportunity Award: Biodiversity of Native and Exotic Communities

3/24/09  to 12/31/09  RESEARCH
WILSEY, BRIAN  ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

$17,741  NATIONAL SCIENCE FOUNDATION

84324  The Ada Hayden Herbarium: Consolidation, Preservation, and Computerization

3/25/09  to 4/30/10  RESEARCH
CLARK, LYNN  ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY
LEWIS, DEBORAH  ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY
COLBERT, JAMES  ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY
FARRAR, DONALD  ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY

$15,527  IOWA DEPARTMENT OF HUMAN SERVICES

97964  Iowa QRS Environmental Rating Scale Training

7/1/08  to 6/30/09  EXTENSION/PUBLIC
OESTERREICH, LESIA  HUMAN DEVELOPMENT & FAMILY STUDIES-EXT
MAYS, SHARON  EXTENSION TO FAMILIES-EXT

CO-PI

400-43-84
474-77-31
420-61-77
420-21-35
470-30-30
470-30-30
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$15,000 UNIVERSITY OF NEBRASKA-LINCOLN

97761 Financial Security for All, Community of Practice

1/1/09 to 12/31/09 EXTENSION/PUBLIC
SWANSON, PATRICIA HUMAN DEVELOPMENT & FAMILY STUDIES-EXT

$15,000 NATIONAL SCIENCE FOUNDATION

97932 REU: Collaborative Research: ATOL: ProTol-The Porifera Tree of Life Project

3/18/09 to 9/30/10 INSTRUCTION/TRAINING
LAVROV, DENNIS ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

$14,757 IOWA DEPARTMENT OF TRANSPORTATION

95920 Iowa's Traffic Safety Analysis Manual

2/1/09 to 1/31/10 RESEARCH
MCDONALD, THOMAS CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
NAMBISSAN, SHASHI CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

$13,846 WESTINGHOUSE ELECTRIC COMPANY

96734 Development of Model Software for Assessing Deposit Detection Capabilities by Eddy Current

11/19/08 to 5/30/09 RESEARCH
NAKAGAWA, NORIO CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED

$12,960 AKC CANINE HEALTH FOUNDATION

97913 SNP Chip Analyses for Canine Cryptorchidism

5/1/09 to 4/30/10 RESEARCH
ROTHSCHILD, MAX ANIMAL SCIENCE-CALS

$12,000 POLK COUNTY PUBLIC HEALTH DEPARTMENT

98031 Evaluation of Switch Campaign

3/1/09 to 6/30/10 RESEARCH
WELK, GREGORY KINESIOLOGY-HS
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$11,753  IOWA DEPARTMENT OF TRANSPORTATION

96013  Effects of Planting Method on Species Diversity and Nutrient Cycling in Grassland Reconstruction

   1/1/09 to 6/30/10 RESEARCH

   MOONEY, KIRK  CO-PI
   WILSEY, BRIAN  ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS
   YURKONIS, KATHRYN  ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

$11,345  UNIVERSITY OF WISCONSIN

91436  Development of IPM-Based Corn Fungicide Guidelines for the North Central States

   8/15/08 to 8/14/09 RESEARCH

   ROBERTSON, ALISON  PLANT PATHOLOGY

$11,289  ADVANCED EARTH SCIENCE AND TECHNOLOGY ORGANIZATION

98280  Services Agreement Between Iowa State University and Advanced Earth Science and Technology Organization/IDOP-MI

   3/1/09 to 3/31/09 RESEARCH

   CERVATO, CINZIA  GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS

$10,511  UNIVERSITY OF NORTHERN IOWA

97541  Mapping the Needs of Iowa's Math and Science Teachers

   2/1/09 to 5/31/09 RESEARCH

   HAGEDORN, LINDA  CO-PI
   ANDERSON, MARY  EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS
   RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS

$10,160  UNIVERSITY OF CALIFORNIA - LOS ANGELES

85747  Data Assimilation in Operational Watershed Models for Short and Long-Term Hydrologic Forecasting

   10/1/07 to 9/30/09 RESEARCH

   FRANZ, KRISTIE  GEOLOGICAL & ATMOSPHERIC SCIENCES

$9,346  IOWA WORKFORCE DEVELOPMENT

97902  Workforce Grantwriting

   7/1/08 to 6/30/09 EXTENSION/PUBLIC

   BORICH, TIMOTHY  COMMUNITY & REGIONAL PLANNING-DSN
   GOEKEN, JANE  EXTENSION AREA - NORTHWEST-EXT
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$9,149  DEPARTMENT OF AGRICULTURE, ARS
91190  Research Support Agreement

10/1/07 to 9/30/08  RESEARCH
LAMKEY, KENDALL  AGRONOMY

$9,125  NATIONAL SCIENCE FOUNDATION
97928  REU: Gene Expression Response to Naturally Fluctuating Temperature in Turtles with Alternative Sex Determining Mechanisms

3/5/09 to 2/28/10  RESEARCH
VALENZUELA-CASTRO, MARIA  ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

$8,600  UNIVERSITY OF WISCONSIN
98292  Development of IPM-Based Corn Fungicide Guidelines for the North Central States

8/15/08 to 8/14/10  EXTENSION/PUBLIC
ROBERTSON, ALISON  PLANT PATHOLOGY-EXT

$8,450  AMERICAN ASTRONOMICAL SOCIETY
97699  Scientific Editor-The Astrophysical Journal

1/8/07 to 1/31/12  MISCELLANEOUS
KAWALER, STEVEN  PHYSICS & ASTRONOMY-LAS

$5,753  DAVENPORT COMMUNITY SCHOOL DISTRICT
96588  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

$5,300  IOWA DEPARTMENT OF PUBLIC HEALTH
98359  I-Smile 1-800 Line

2/1/09 to 9/30/09  EXTENSION/PUBLIC
GLENN, SHERRY  EXTENSION TO FAMILIES-EXT

CO-PI
VANGINKEL, MARGARET  EXTENSION TO FAMILIES-EXT
March 01 - 31, 2009

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$5,000 INTEGRATED PEST MANAGEMENT INSTITUTE OF NORTH AMERICA, INC

95880 Promoting Conservation Practices with Iowa Crop Growers

1/1/09 to 5/1/09 EXTENSION/PUBLIC
DEWITT, JERALD ENTOMOLOGY-EXT

$5,000 OFFICE OF NAVAL RESEARCH

97895 Support for a Technical Conference on Magnetic Cooling/Refrigeration

1/1/09 to 9/30/09 INSTRUCTION/TRAINING
KIEFFER, JULIE EXTENSION COMMUNICATIONS & MARKETING-EXT

$5,000 IOWA DEPARTMENT OF ECONOMIC DEVELOPMENT

97990 Ignite IT Event

3/24/09 to 4/30/09 RESEARCH
GILBERT, STEPHEN PSYCHOLOGY-LAS

$4,728 AMERICAN MEAT INSTITUTE FOUNDATION

96940 A Workshop to Develop Reporting Guidelines for Intervention Studies in Food Safety and Production Animal Science: Modifying the Consort Statement

1/1/09 to 12/31/09 MISCELLANEOUS
OCONNOR, ANNETTE VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

$4,589 UNIVERSITY OF NORTHERN IOWA

97563 Taking the Road Less Traveled to Northwest Iowa

2/1/09 to 5/31/09 EXTENSION/PUBLIC
ZUNKEL, KAREN WOMEN IN SCIENCE & ENGINEERING-PROV

$4,320 DEPARTMENT OF AGRICULTURE, FS

97961 Biotrichium Species Study

4/1/09 to 3/31/10 RESEARCH
FARRAR, DONALD ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$4,272 DEPARTMENT OF AGRICULTURE, ARS
91192 Research Support Agreement
10/1/07 to 9/30/08 RESEARCH
LAMKEY, KENDALL AGRONOMY

$4,250 INTEGRATED PEST MANAGEMENT INSTITUTE OF NORTH AMERICA, INC
91669 North Central Region IPM Working Group
3/1/08 to 3/14/09 EXTENSION/PUBLIC
SHOUR, MARK ENTOMOLOGY

$3,170 ADAIR COUNTY EXTENSION
96596 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

$3,125 COMMUNITY FOUNDATION OF GREATER DUBUQUE
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

$3,125 LUTHERAN SERVICES IN IOWA
97662 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

$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
March 01 - 31, 2009

I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$2,500  FARM SAFETY 4 JUST KIDS  
97971  Evaluation Consultation for Farm Safety 4 Just Kids  
2/1/09  to  6/30/09  MISCELLANEOUS  
SHELLEY, MACK  STATISTICS-LAS

$2,499  DEPARTMENT OF AGRICULTURE, ARS
98650  Research Support Agreement  
3/1/09  to  9/30/09  RESEARCH  
LEWIS, LES  ENTOMOLOGY-AES/CALS

$2,400  NATIONAL ACADEMY OF ENGINEERING
94408  Recruitment and Retention Programs for Women in Mechanical Engineering  
3/6/08  to  8/31/09  RESEARCH  
WICKERT, JONATHAN  MECHANICAL ENGINEERING-ENGR

$2,139  IOWA COMMUNITY EDUCATION ASSOCIATION
98155  Support for the Iowa Community Education Association  
2/1/09  to  4/30/09  EXTENSION/PUBLIC  
TALLMAN, KELI  EXTENSION 4-H YOUTH DEVELOPMENT-EXT

$2,000  AMERICAN COUNCILS FOR INTERNATIONAL EDUCATION
97801  Hosting Scholars from the Former Soviet Union  
1/1/09  to  5/17/09  INSTRUCTION/TRAINING  
MESROPOVA, OLGA  WORLD LANGUAGES & CULTURES-LAS

$1,562  COMMUNITY CORRECTIONS IMPROVEMENT ASSOCIATION
96586  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
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$1,562  MAHASKA COMMUNITY RESEARCH FOUNDATION

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  IOWA COUNCIL OF FOUNDATIONS

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  HORIZON AFTER SCHOOL PROGRAM

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  YOUTH AND SHELTER SERVICES

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  WAYNE COMMUNITY SCHOOL DISTRICT

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

$1,225  DEPARTMENT OF AGRICULTURE, ARS

Research Support Agreement

10/1/07 to 9/30/08  RESEARCH
LAMKEY, KENDALL  AGRONOMY
March 01 - 31, 2009

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$850  OTTUMWA TEEN CENTER
96587  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

$781  MONROE COUNTY AGRICULTURAL EXTENSION
96585  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

$781  ASPIRE THERAPEUTIC RIDING PROGRAM
96592  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

$781  WAPELLO COUNTY AGRICULTURAL EXTENSION
97734  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

$750  ROCKFORD AFTERSCHOOL PROGRAM
96584  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

$480  IOWA DEPARTMENT OF PUBLIC HEALTH
98109  Pick a Better Snack and ACT Bingo Cards

2/1/09  to  6/30/09  EXTENSION/PUBLIC
SETTLE, MARK  EXTENSION COMMUNICATIONS & MARKETING-EXT
METCALF, STEPHEN  EXTENSION COMMUNICATIONS & MARKETING-EXT
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$365  DEPARTMENT OF AGRICULTURE, ARS
91188  Research Support Agreement
10/1/07 to 9/30/08  RESEARCH
LAMKEY, KENDALL  AGRONOMY

$285  HARTLEY PUBLIC LIBRARY
96594  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