I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$4,909,264  DEPARTMENT OF AGRICULTURE, NIFA
105938  USDA Hatch Act Research FY10
       10/1/09 to 9/30/10 RESEARCH
       WINTERSTEEN, WENDY
       AGRICULTURE & HOME ECONOMICS EXPERIMENT STATION-AES/CALS

$1,462,698  NATIONAL SCIENCE FOUNDATION
92643  Metabolomics: A Functional Genomics Tool for Deciphering Functions of Arabidopsis Genes in the Context of Metabolic and Regulatory Networks
       3/1/09 to 2/28/11 RESEARCH
       NIKOLAU, BASIL
       BACIEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES
       WURTELE, EVE
       GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS
       DIXON, PHILIP
       STATISTICS-LAS
       DICKERSON, JULIE
       ELECTRICAL & COMPUTER ENGINEERING-ENGR

$1,459,460  BILL AND MELINDA GATES FOUNDATION
104632  Seed Policy Enhancement in African Regions
       5/21/10 to 4/30/13 RESEARCH
       CORTES, JOSEPH
       SEED SCIENCE CENTER-AES/CALS
       HARRIES, ADELA IDA
       SEED SCIENCE CENTER-AES/CALS
       MISRA, MANJIT
       AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

$1,287,284  DEPARTMENT OF ENERGY
93016  Operating and Management Support for the Ames Laboratory
       11/1/08 to 9/30/10 RESEARCH
       KING, ALEXANDER
       AMES LABORATORY

$1,250,000  IOWA STATE UNIVERSITY RESEARCH FOUNDATION
104412  Research Enhancement
       12/31/09 to 12/31/99 RESEARCH
       QUISENBERRY, SHARRON
       VICE PRESIDENT FOR RESEARCH & ECONOMIC DEVELOPMENT-VPR/ED

$1,000,000  NATIONAL ACADEMIES
105336  Roadway Information Database Development and Technical Coordination
       4/28/10 to 7/27/12 RESEARCH
       SMADI, OMAR
       INSTITUTE FOR TRANSPORTATION-VPR/ED
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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1. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$1,000,000 NATIONAL ACADEMIES

105336 Roadway Information Database Development and Technical Coordination

4/28/10 to 7/27/12 RESEARCH

CO-PI HANS, ZACHARY INSTITUTE FOR TRANSPORTATION-VPR/ED

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

CO-PI SOULEYRETTE, REGINALD CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR

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

$855,442 DEPARTMENT OF ENERGY

93016 Operating and Management Support for the Ames Laboratory

11/1/08 to 9/30/10 RESEARCH

KING, ALEXANDER AMES LABORATORY

$558,401 DEPARTMENT OF AGRICULTURE, NIFA

106533 Protein Utilization, IA: Advanced Soybean Refineries, Year 3

9/1/10 to 8/31/11 RESEARCH

JOHNSON, LAWRENCE FOOD SCIENCE & HUMAN NUTRITION-AES/CALS

MURPHY, PATRICIA FOOD SCIENCE & HUMAN NUTRITION-AES/CALS

GLATZ, CHARLES CHEMICAL & BIOLOGICAL ENGINEERING-ENGR

JUNG, STEPHANIE FOOD SCIENCE & HUMAN NUTRITION-AES/CALS

WANG, TONG FOOD SCIENCE & HUMAN NUTRITION-AES/CALS

PERSIA, MICHAEL ANIMAL SCIENCE-AES/CALS

$963,820 IOWA DEPARTMENT OF NATURAL RESOURCES

77888 Leopold Center Support

8/1/09 to 11/30/09 RESEARCH

DEWITT, JERALD LEOPOLD CENTER-AES/CALS

DEWITT, JERALD LEOPOLD CENTER-AES/CALS

$438,345 DEPARTMENT OF AGRICULTURE, NIFA

107347 Midwest Poultry Research Program

8/1/10 to 7/31/11 RESEARCH

XIN, HONGWEI AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

LI, HONG AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS
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<td>BARBURU-BLANC, MARO, MILLMAN, SUZANNE, BREHM-STECHER, BYRON, PERSIA, MICHAEL</td>
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<td>NIKOLAU, BASIL, LESHEM-ACKERMAN, ADAH, SCHMIDT, DENISE, DOBBS, DRENA</td>
<td>Neco, GK-12: Growing the Green Collar Workforce for the 21st Century</td>
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<td>NUTTER, FORREST</td>
<td>Development of U.S. Capability to Detect and Accurately Identify Threatening Plant Pathogens</td>
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<td>92813</td>
<td>SAKAGUCHI, DONALD, GROZDANIC, SINISA</td>
<td>Stem Cell-mediated Delivery of Neurotrophic Factors for Treatment of Glaucoma</td>
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<td>PAYNE, JACK, HOLZ-CLAUSE, MARY</td>
<td>Civil Service Retirement System (CSRS) Formula Grant FY08</td>
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I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$325,734  DEPARTMENT OF AGRICULTURE, NIFA
106539  New Century Farm, IA (BCRF)

9/1/10 to 8/31/11  RESEARCH
JOHNSON, LAWRENCE  FOOD SCIENCE & HUMAN NUTRITION-AES/CALS
DARR, MATTHEW  AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS
BROWN, ROBERT  MECHANICAL ENGINEERING-ENGR
MOORE, KENNETH  AGRONOMY-AES/CALS
BIRRELL, STUART  AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS
COLLETTI, JOE  AGRICULTURE & HOME ECONOMICS EXPERIMENT STATION-AES/CALS

$325,431  NATIONAL INSTITUTES OF HEALTH
94529  Structural Studies of a T Cell Specific Tyrosine Kinase

5/1/10 to 4/30/11  RESEARCH
ANDREOTTI, AMY  BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS

$322,147  NATIONAL INSTITUTES OF HEALTH
90055  Regulation of T Cell Signaling: Structural Studies of PLCG1

5/1/08 to 4/30/11  RESEARCH
ANDREOTTI, AMY  BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY

$313,465  NATIONAL INSTITUTES OF HEALTH
85626  Intermediate Cerebellum in Adaptive Reflex Control

5/1/10 to 4/30/11  RESEARCH
BRACHA, VLASTISLAV  BIOMEDICAL SCIENCES

$310,066  NATIONAL INSTITUTES OF HEALTH
82970  Regulatory Enzymes of Glycolysis and Gluconeogenesis

5/1/10 to 4/30/11  RESEARCH
HONZATKO, RICHARD  BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY

$308,878  DEPARTMENT OF AGRICULTURE, NIFA
105340  2009 Civil Service Retirement System (CSRS) Formula Grant

10/1/08 to 9/30/09  EXTENSION/PUBLIC
PAYNE, JACK  EXTENSION ADMINISTRATION-EXT
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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105340 $308,878 DEPARTMENT OF AGRICULTURE, NIFA
2009 Civil Service Retirement System (CSRS) Formula Grant
10/1/08 to 9/30/09 EXTENSION/PUBLIC
CO-PI HOLZ-CLAUSE, MARY EXTENSION ADMINISTRATION-EXT

105786 $307,618 CORPORATION FOR PUBLIC BROADCASTING
FY10 Community Service Grant
10/1/09 to 9/30/11 DEPT/ADMIN SUPPORT
WITH, DONALD WOI RADIO-VPBF

93016 $303,932 DEPARTMENT OF ENERGY
Operating and Management Support for the Ames Laboratory
11/1/08 to 12/31/11 RESEARCH
KING, ALEXANDER AMES LABORATORY

104948 $300,000 NATIONAL SCIENCE FOUNDATION
Virtual Melting and Amorphization as Mechanisms of Plastic Flow, Fracture and Phase Transformations
7/1/10 to 6/30/13 RESEARCH
LEVITAS, VALERY MECHANICAL ENGINEERING-ENGR

105178 $280,341 NATIONAL SCIENCE FOUNDATION
Modeling the Formation of Self-ordered Nanoporous Anodic Oxides
8/12/10 to 7/31/13 RESEARCH
HEBERT, KURT CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
HONG, WEI AEROSPACE ENGINEERING-ENGR
SHROTRIYA, PRANAV MECHANICAL ENGINEERING-ENGR

105191 $280,000 NATIONAL SCIENCE FOUNDATION
Study of Microburst Winds and Their Loading Effects on Built Structures
6/1/10 to 5/31/13 RESEARCH
SARKAR, PARTHA AEROSPACE ENGINEERING-ENGR
HU, HUI AEROSPACE ENGINEERING-ENGR
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$279,965 NATIONAL SCIENCE FOUNDATION  
High-resolution Electrical Sensing of Surface Charges and Currents of Living Cells  
8/15/10 to 7/31/13 RESEARCH  
PADEY, SANTOSH  
MARTIN, RICHARD  
ELECTRICAL & COMPUTER ENGINEERING-ENGR  
BIOMEDICAL SCIENCES-VET

$277,339 DEPARTMENT OF AGRICULTURE, NIFA  
Food and Fuel Initiative: Iowa  
9/1/10 to 8/31/11 RESEARCH  
MISRA, MANJIT  
AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

$275,756 NATIONAL INSTITUTES OF HEALTH  
Solid-state NMR of Antimicrobial and Cationic Membrane Peptides  
5/1/10 to 4/30/11 RESEARCH  
HONG, MEI  
CHEMISTRY

$260,565 NATIONAL INSTITUTES OF HEALTH  
Mechanisms of Antibiotic Efflux in Campylobacter  
6/1/10 to 5/31/11 RESEARCH  
ZHANG, QIJING  
YU, EDWARD  
VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE  
PHYSICS & ASTRONOMY

$250,000 FEDERAL AVIATION ADMINISTRATION  
Generation of Probability of Detection (POD) Curves for Ultrasonic Detection of Simulated Hard Alpha Inclusions in Titanium Forgings  
2/19/08 to 12/31/11 RESEARCH  
BRASCHE, LISA  
THOMPSON, R.  
GRAY, TIMOTHY  
AIRWORTHINESS ASSURANCE CENTER OF EXCELLENCE - IPRT-VPR/ED  
MATERIALS SCIENCE & ENGINEERING-ENGR  
CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED

$248,999 NATIONAL INSTITUTES OF HEALTH  
Glutathione S-transferase Signaling in VCD-induced Ovotoxicity  
5/10/10 to 4/30/11 RESEARCH  
KEATING, AILEEN  
ANIMAL SCIENCE-AES/CALS
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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$247,500 DEPARTMENT OF AGRICULTURE, APHIS

107692 Development of Operational Guidelines for Vaccination for Foot and Mouth Disease, Vaccination for Classical Swine Fever, and Vaccination for Avian Influenza

5/7/10 to 5/6/11 EXTENSION/PUBLIC

ROTH, JAMES

VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

$243,060 NATIONAL INSTITUTES OF HEALTH

85445 Regulatory Circuits that Control Transcriptional Responses to Hypoxia

6/1/10 to 5/31/11 RESEARCH

POWELL-COFFMAN, JO

GENETICS, DEVELOPMENT & CELL BIOLOGY

$238,459 DEPARTMENT OF AGRICULTURE, NIFA

96708 Federal Employee Retirement System (FERS) Formula Grant FY08

10/1/07 to 9/30/08 EXTENSION/PUBLIC

PAYNE, JACK

PAYNE, JAC

CO-PI HOLZ-CLAUSE, MARY

EXTENSION ADMINISTRATION-EXT

EXTENSION ADMINISTRATION-EXT

$227,393 FEDERAL HIGHWAY ADMINISTRATION

107622 Deicer Scaling Resistance of Concrete Mixtures Containing Slag Cement

5/26/10 to 11/25/11 RESEARCH

TAYLOR, PETER

INSTITUTE FOR TRANSPORTATION-VPR/ED

CO-PI NAMBISAN, SHASHI

INSTITUTE FOR TRANSPORTATION-VPR/ED

$214,981 DEPARTMENT OF AGRICULTURE, NIFA

105323 2009 Federal Employee Retirement System (FERS) Formula Grant

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

PAYNE, JACK

PAYNE, JAC

CO-PI HOLZ-CLAUSE, MARY

EXTENSION ADMINISTRATION-EXT

EXTENSION ADMINISTRATION-EXT

$186,525 BOEING COMPANY

107125 Visualization of Multidisciplinary Design Data

5/3/10 to 12/22/10 RESEARCH

OLIVER, JAMES

MECHANICAL ENGINEERING-ENGR

CO-PI WINER, ELIOT

MECHANICAL ENGINEERING-ENGR
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$175,032  DEPARTMENT OF AGRICULTURE, NIFA

106464  International Competitiveness and Marketability of Midwest Agribusiness Products

7/1/10 to 6/30/12  RESEARCH

BABCOCK, BRUCE  ECONOMICS-AES/CALS

$167,200  DEPARTMENT OF AGRICULTURE, APHIS

107482  Development of Cow-calf Facility Manual for Members of the National Animal Health Emergency Response Corps

5/7/10 to 5/6/11  EXTENSION/PUBLIC

ROTH, JAMES  VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

DEWELL, RENEE  VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

$160,990  IOWA DEPARTMENT OF TRANSPORTATION

106179  Planning, Implementation, and Operation of the Iowa Pavement Management Program

11/1/07 to 12/31/10  RESEARCH

SMADI, OMAR  INSTITUTE FOR TRANSPORTATION-VPR/ED

NAMBISAN, SHASHI  INSTITUTE FOR TRANSPORTATION-VPR/ED

$156,160  RUTGERS UNIVERSITY

98367  Understanding and Combating the Fire-enhancing Impact of Non-native Annuals in Desert Scrub Through the Tools of Population and Landscape Ecology

2/19/10 to 2/18/14  RESEARCH

MOLONEY, KIRK  ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

$150,528  NATIONAL SCIENCE FOUNDATION

99031  CPATH I: Experimenting with an Open Platform for the New Interdisciplinary Study on Gerontechnology

9/1/09 to 8/31/11  INSTRUCTION/TRAINING

CHANG, CARL  COMPUTER SCIENCE-LAS

WONG, JOHNNY  COMPUTER SCIENCE-LAS

MITRA, SIMANTA  COMPUTER SCIENCE-LAS

MARTIN, PETER  HUMAN DEVELOPMENT & FAMILY STUDIES-HS

SHELLEY, MACK  STATISTICS-LAS
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$148,532 UNIVERSITY OF ILLINOIS
Theoretical Foundations and Design of Self-healing and Fast-recovery Strategies for Network Infrastructure Protection
2/19/08 to 2/18/11 RESEARCH
YING, LEI
ELECTRICAL & COMPUTER ENGINEERING

$148,000 WASHINGTON UNIVERSITY
MRCE Developmental Project Grant Program RFA Optimization and Characterization of Inhibitors that Target Ebola Replication
3/1/10 to 2/28/11 RESEARCH
AMARASINGHE, GAYA
BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS

$147,313 WASHINGTON UNIVERSITY
MRI-R2 Consortium: Development of an Electrostatic Levitation Facility for Neutron Scattering Studies of Liquids to be Used in Fundamental Research and Education
4/1/10 to 3/31/11 RESEARCH
GOLDMAN, ALAN
PHYSICS & ASTRONOMY-LAS

$146,505 SOUTH DAKOTA STATE UNIVERSITY
Emission Measurement and Comparison with Management Techniques for Beef Deep-bedded Mono-slope Facilities
3/15/10 to 2/14/13 EXTENSION/PUBLIC
LAWRENCE, JOHN
EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT
KOHL, KRIS
EXTENSION AREA - NORTHWEST-EXT
RIECK-HINZ, ANGELA
AGRONOMY-AES/CALS
DORAN, BETH
EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT

$144,168 ZINPRO CORPORATION
The Effects of Supplemental Organic Zinc on Production, Metabolism, and Health in Lactating Holstein Cows
4/1/10 to 2/1/12 RESEARCH
BAUMGARD, LANCE
ANIMAL SCIENCE-AES/CALS

$140,000 DEPARTMENT OF AGRICULTURE, NIFA
Iowa Sustainable Communities Project
5/15/07 to 5/14/11 EXTENSION/PUBLIC
WOODS, BARBARA
EXTENSION TO FAMILIES-EXT
MORRIS, JOHN
EXTENSION 4-H YOUTH DEVELOPMENT-EXT
May 01 - 31, 2010

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$135,438 NATIONAL SCIENCE FOUNDATION

105249 Hopf Algebras, Frobenius–Schur Indicators and Modular Categories
7/1/10 to 6/30/13 RESEARCH
NG, SIU-HUNG MATHEMATICS-LAS

$132,933 NATIONAL SCIENCE FOUNDATION

97311 RI: Small: Robot Grasping of Deformable Objects
7/15/09 to 6/30/11 RESEARCH
JIA, YAN-BIN COMPUTER SCIENCE-LAS

$132,619 NATIONAL SCIENCE FOUNDATION

91708 Surface Plasmon Resonance Spectroscopy by Tunable Enhanced Light Transmission through Nanostructured Gratings
7/1/08 to 6/30/11 RESEARCH
HILLIER, ANDREW CHEMICAL & BIOLOGICAL ENGINEERING

$130,752 HARBOR UNIVERSITY OF CALIFORNIA AT LOS ANGELES MEDICAL CENTER

79141 Intrathecal Enzyme Therapy for Mucopolysaccharidosis I
9/26/06 to 5/31/11 RESEARCH
ELLINWOOD, NORMAN ANIMAL SCIENCE
RIEDESEL, ELIZABETH VETERINARY CLINICAL SCIENCES-VET

$130,000 NATIONAL SCIENCE FOUNDATION

91773 Multifunctional Mesoporous Silica Nanoparticles for Intracellular Controlled Release
7/1/08 to 6/30/11 RESEARCH
LIN, SHANG-YI CHEMISTRY
TREWYN, BRIAN CHEMISTRY

$130,000 IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES

105330 Combustion of Bio-oil in Packaged Boilers for Heating Applications
5/1/10 to 6/30/11 RESEARCH
MEYER, TERRENCE MECHANICAL ENGINEERING-ENGR
BROWN, ROBERT MECHANICAL ENGINEERING-ENGR
## I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<td>Structure-composition-property Relationships in Complex Intermetallic Phases: Experimental Studies and Theoretical Predictions</td>
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## I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<td>Federal and State Transport Plan for Movement of Eggs and Egg Products from Non-infected Premises within an Avian Influenza Control Area (FAST Eggs Plan)</td>
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<td>Development of a Collaborative Design Environment</td>
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<td>Community Context and Violence: African American Youth Transitioning to Adulthood</td>
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<td>9/1/09</td>
<td>8/31/10</td>
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<td>88070</td>
<td>DEPARTMENT OF ENERGY</td>
<td>Understanding and Improving CRM and GCM Simulations of Cloud Systems with Arm Observations</td>
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<td>5/15/08</td>
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<td>Common Buckthorn as a Keystone Invader in Agricultural Landscapes</td>
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<td>1/31/13</td>
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$99,995 Iowa Department of Transportation

Web-based Incident Location Tool

107488

5/1/10 to 4/30/11 RESEARCH

SOULEYRETTE, REGINALD

GIESEMAN, DANIEL

NAMBISAN, SHASHI

CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR

INSTITUTE FOR TRANSPORTATION-VPR/ED

INSTITUTE FOR TRANSPORTATION-VPR/ED

$92,895 Commonwealth Scientific and Industrial Research Organization

Regional Climate Simulations in Support of the Pacific Climate Change Science Program

106092

1/1/10 to 3/1/11 RESEARCH

ARRITT, RAYMOND

AGRONOMY-AES/CALS

$86,007 National Aeronautics and Space Administration

Understanding the Youngest X-ray Binary Populations in Low Metallicities

106563

6/1/10 to 5/31/13 RESEARCH

ANTONIOU, VALSAMO

MARENGO, MASSIMO

PHYSICS & ASTRONOMY-LAS

PHYSICS & ASTRONOMY-LAS

$84,700 Department of Agriculture, APHIS

Enhancing and Maintaining the Training Website for the National Animal Health Emergency Response Corps

107469

4/1/10 to 3/31/11 EXTENSION/PUBLIC

ROTH, JAMES

MOGAN, JANICE

FLAMING, KEVAN

VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET

CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET

$72,279 Department of Agriculture, RD

Increasing Technical Assistance and Training Opportunities for Iowa Food Entrepreneurs through the Regional Food Systems Working Group

107220

4/26/10 to 4/19/11 MISCELLANEOUS

PIROG, RICHARD

LARABEE, BETH

LEOPOLD CENTER-AES/CALS

LEOPOLD CENTER-AES/CALS
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$70,000  BOEING COMPANY

106904  Multifunctional Composite Informatics Technical Area: Structural Technology—Emerging Materials

2/4/10 to 7/30/10  RESEARCH

RAJAN, KRISHNA  MATERIALS SCIENCE & ENGINEERING-ENGR

$70,000  DEPARTMENT OF AGRICULTURE, APHIS

107832  Clostridial Dermatitis in Turkeys

5/2/10 to 5/1/11  RESEARCH

WANNEMUEHLER, MICHAEL  VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

SONGER, J  VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

$66,874  IOWA DEPARTMENT OF NATURAL RESOURCES

107629  Establishing Web-based Resources within the Iowa Geospatial Infrastructure

4/1/10 to 12/31/10  RESEARCH

KANE, KEVIN  INFORMATION TECHNOLOGY SERVICES-PROV

$60,000  FLORIDA STATE COLLEGE AT JACKSONVILLE

107404  DELTA: Disseminating Effective Learning through Automation

4/1/10 to 9/30/12  RESEARCH

HAGEDORN, LINDA  EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS

$59,000  SANDIA NATIONAL LABORATORIES

107160  Estimative Language and Statistical Relational Learning

3/16/09 to 9/30/10  RESEARCH

NORDMAN, DANIEL  STATISTICS-LAS

WILSON, ALYSON  STATISTICS-LAS

$56,877  SOUTH DAKOTA STATE UNIVERSITY

104079  Impact of Maternal Nutrition on Expression of Genes Regulating Offspring Growth, Carcass Composition, and Meat Quality

4/1/10 to 3/31/11  RESEARCH

REECY, JAMES  ANIMAL SCIENCE-AES/CALS

NETTLETON, DANIEL  STATISTICS-LAS
## Gifts, Grants, Contracts and Memoranda of Agreement

### May 01 - 31, 2010

<table>
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<th>Grant #</th>
<th>Grantor</th>
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<td>USA POULTRY AND EGG EXPORT COUNCIL</td>
<td>ANIMAL SCIENCE-AES/CALS</td>
<td>$56,418</td>
<td>Use of Dried Egg White and/or Yolk in Non-dairy Creamers to Improve the Protein Content in the Philippines</td>
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<td>400-23-65</td>
<td>VALUE-ADDED SCIENCE AND TECHNOLOGIES, LLC</td>
<td>VETERINARY DIAGNOSTIC &amp; PRODUCTION ANIMAL MEDICINE-VET</td>
<td>$55,165</td>
<td>Evaluation of Rate of Administration of Various Gas Mixtures Using the Smart Box Euthanasia Device as a Humane and Effective Method of Piglet Euthanasia</td>
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<td>SYNGENTA CROP PROTECTION, INC</td>
<td>PLANT PATHOLOGY</td>
<td>$54,000</td>
<td>Interactions Among Plant Parasitic Nematodes and Fungal Pathogens of Corn and Their Management with Seed Treatments</td>
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<td>411-23-10</td>
<td>DEPARTMENT OF AGRICULTURE, NIFA</td>
<td>VETERINARY MICROBIOLOGY &amp; PREVENTIVE MEDICINE-VET</td>
<td>$53,948</td>
<td>Animal Health and Disease Research</td>
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<td>ELECTRIC POWER RESEARCH INSTITUTE</td>
<td>ELECTRICAL &amp; COMPUTER ENGINEERING-ENGR</td>
<td>$53,845</td>
<td>Implementation Planning of Reactive Power Reserve Monitoring with Visualization Tools for MidAmerican System</td>
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<td>473-44-18</td>
<td>IOWA DEPARTMENT OF NATURAL RESOURCES</td>
<td>ECOLOGY, EVOLUTION &amp; ORGANISMAL BIOLOGY-AES/CALS</td>
<td>$52,452</td>
<td>Benchmarks of Biological Integrity for Lake Restoration Success</td>
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I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

May 01 - 31, 2010

$50,000 GRAIN PROCESSING CORPORATION
107362 Center for Biorenewable Chemicals (CBiRC) Membership
9/1/09 to 8/31/10 RESEARCH
SHANKS, BRENT NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR

$50,000 CHEVRON PHILLIPS CHEMICAL COMPANY, LLC
107379 Center for Biorenewable Chemicals (CBiRC) Membership
9/1/09 to 8/31/10 RESEARCH
SHANKS, BRENT NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR

$50,000 OFFICE OF NAVAL RESEARCH
107486 Exploratory Research into the Design and Development of IR Window Material Based on Y2O3-Zr(W,Mo)2O8 Nanocomposite
5/1/09 to 9/30/10 RESEARCH
AKINC, MUFIT MATERIALS SCIENCE & ENGINEERING-ENGR

$50,000 UNITED EGG PRODUCERS
107636 Feeding DDGS and Other Altered Diets to Egg Laying Hens Demonstrate Economically Viable Reductions in Ammonia Emissions
3/1/10 to 8/31/10 RESEARCH
XIN, HONGWEI AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS
LI, HONG AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

$50,000 ALFRED P. SLOAN FOUNDATION
108250 Alfred P. Sloan Fellowship: Significant Scientific Work and Immediate Research Plans
9/15/10 to 9/15/12 RESEARCH
SADOW, AARON CHEMISTRY-LAS

$48,165 UNIVERSITY OF MINNESOTA
107676 Iowa SARE Professional Development Program Plan of Work 2010
4/19/10 to 4/18/13 EXTENSION/PUBLIC
LAWRENCE, JOHN EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT
LARSON, ANDREW EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT
## I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

**$47,142 DEPARTMENT OF AGRICULTURE, NIFA**

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<td>IOWA DEPARTMENT OF TRANSPORTATION</td>
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<td>Pesticide Safety Education Program</td>
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<td>10/1/07 to 9/30/08</td>
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<td>106223</td>
<td>IOWA DEPARTMENT OF TRANSPORTATION</td>
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<td>107181</td>
<td>IOWA DEPARTMENT OF ECONOMIC DEVELOPMENT</td>
<td>$40,000</td>
<td>IT Adventures Making It Fun</td>
<td>JACOBSON, DOUG</td>
<td>12/7/09 to 5/24/10</td>
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<td>106174</td>
<td>IOWA DEPARTMENT OF TRANSPORTATION</td>
<td>$39,988</td>
<td>Implementation and Operation of the Iowa Department of Transportation Pavement Management Optimization Model</td>
<td>SMADI, OMAR, NAMBISSAN, SHASHI</td>
<td>11/1/07 to 12/31/10</td>
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<td>93210</td>
<td>UNIVERSITY OF NEBRASKA, LINCOLN</td>
<td>$39,275</td>
<td>Multi-laser-beam Open-atmosphere Surface Coating Techniques Based on Precursor Excitation, Photodissociation and Controlled Cooling</td>
<td>WANG, XINWEI</td>
<td>1/1/08 to 6/30/10</td>
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<td>106195</td>
<td>NATIONAL CATTLEMENS BEEF ASSOCIATION</td>
<td>$38,750</td>
<td>Tracking Individual Animal Responses to Preconditioning Vaccines, Is There a Correlation Between Management Strategies or Individual Response to Vaccination and Carcass Quality?</td>
<td>REECY, JAMES</td>
<td>3/1/10 to 5/31/11</td>
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## GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<th>Identifier</th>
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<td>106945</td>
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<td>SOUTH DAKOTA STATE UNIVERSITY</td>
<td>Regional Biomass Feedstock Partnership–Biomass Residue Removal</td>
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<td>107711</td>
<td>$35,922</td>
<td>IOWA BEEF INDUSTRY COUNCIL</td>
<td>Investigating Bovine Respiratory Disease (BRD) Effects on Beef Quality and Effectiveness of Genomic Tests for Beef Quality</td>
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<td>108015</td>
<td>$35,539</td>
<td>NORTH CAROLINA STATE UNIVERSITY</td>
<td>Strategic Habitat Conservation in Puerto Rico</td>
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<td>107504</td>
<td>$33,000</td>
<td>VETERANS ADMINISTRATION</td>
<td>Veterans Administration Intergovernmental Personnel Act Assignment for Sinisa Grozdanic</td>
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<td>105185</td>
<td>$30,219</td>
<td>DEPARTMENT OF AGRICULTURE, ARS</td>
<td>Risk of Western Corn Rootworm Adaptation to Transgenic Corn</td>
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<td>108143</td>
<td>$30,000</td>
<td>IOWA STATE UNIVERSITY RESEARCH FOUNDATION</td>
<td>Improve TAL Nuclease Technology</td>
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May 01 - 31, 2010

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$30,000 IOWA DEPARTMENT OF TRANSPORTATION

108214 Investigation of Deterioration of Joints in Concrete Pavements

11/1/09 to 6/30/12 RESEARCH
TAYLOR, PETER
NAMBISSAN, SHASHI

$28,616 DEERE & COMPANY

98569 Stress for John Deere Fatigue Life Prediction Applications

7/1/09 to 12/31/09 RESEARCH
CHUMBLEY, LEONARD
LO, CHI
NAKAGAWA, NORIO

$28,376 U.S. BORAX, INC

107433 Evaluation of a Boron Product in the Amelioration of Osteochondrosis in Pigs

3/12/10 to 5/31/10 RESEARCH
STALDER, KENNETH
KARRIKER, LOCKE
BUTTERS-JOHNSON, ANNA
PATIENCE, JOHN

$27,276 NATIONAL CATTLEMENS BEEF ASSOCIATION

106130 Novel Markers to Identify Tenderness in Early Postmortem Beef

4/1/10 to 4/30/11 RESEARCH
LONERGAN, ELISABETH
LONERGAN, STEVEN

$26,000 IOWA SOYBEAN ASSOCIATION

107738 Testing Rag1 and Rag2 Alone and Together: Is One Enough?

2/1/10 to 1/31/11 RESEARCH
ONEAL, MATTHEW
HODGSON, ERIN
May 01 - 31, 2010

I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<th>Project Number</th>
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<th>Institution</th>
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<tr>
<td>105473</td>
<td>$25,000</td>
<td>KANSAS STATE UNIVERSITY</td>
<td>Occupational Safety and Health Training for Landscaping and Tree Services</td>
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<td>107784</td>
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<td>AMERICAN FISHERIES SOCIETY</td>
<td>Enhancement to the Multi-state Aquatic Resources Information System (MARIS)–Part 2</td>
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<td>107994</td>
<td>$25,000</td>
<td>ITC MIDWEST, LLC</td>
<td>ITC Midwest LLC–EPRC Support</td>
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<td>107458</td>
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<td>IOWA DEPARTMENT OF NATURAL RESOURCES</td>
<td>Establishing Web-based Resources within the Iowa Geospatial Infrastructure</td>
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<td>107435</td>
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<td>Enhancements to the Iowa DOT CMAT Software</td>
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<td>105014</td>
<td>$20,000</td>
<td>AMERICAN INSTITUTE OF MATHEMATICS</td>
<td>Contract Between American Institute of Mathematics and Iowa State University</td>
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## I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<tr>
<th>Amount</th>
<th>Organization</th>
<th>Purpose</th>
<th>Start Date</th>
<th>End Date</th>
<th>Principal Investigator(s)</th>
<th>Co-PI(s)</th>
<th>Funding Agency</th>
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<td>$20,000</td>
<td>ADVANCED ANALYTICAL, INC</td>
<td>Rapid Sequence-based Detection of Human Pathogens: From Farm to Fork to Physician</td>
<td>7/1/09</td>
<td>5/31/11</td>
<td>BREHM-STECHER, BYRON</td>
<td>FOOD SCIENCE &amp; HUMAN NUTRITION-HS</td>
<td>RESEARCH</td>
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<td>$20,000</td>
<td>REB RESEARCH</td>
<td>Ti2ANb-coated Refractory Alloys for Generation IV Nuclear Reactor Construction</td>
<td>7/20/09</td>
<td>4/19/10</td>
<td>RUSSELL, ALAN</td>
<td>MATERIALS SCIENCE &amp; ENGINEERING-ENGR</td>
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<td>$19,668</td>
<td>DEPARTMENT OF AGRICULTURE, FAS</td>
<td>Animal Health Study Tour for Veterinarians from Armenia</td>
<td>9/11/09</td>
<td>9/10/11</td>
<td>HANSEN, RAYMOND</td>
<td>SCHULTZ, MADELINE</td>
<td>EXTENSION/PUBLIC</td>
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<td>$17,861</td>
<td>DEPARTMENT OF INTERIOR, FISH AND WILDLIFE SERVICE</td>
<td>Chimpanzee Conservation in Light of Impending Mining Projects in Southeastern Senegal</td>
<td>5/5/10</td>
<td>12/31/11</td>
<td>PRUETZ, JILL</td>
<td>BOYER, KELLY</td>
<td>RESEARCH</td>
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<td>$17,530</td>
<td>SOUTH DAKOTA STATE UNIVERSITY</td>
<td>Investigating the Effect of Soil pH on Soybean Cyst Nematode</td>
<td>12/1/09</td>
<td>11/1/10</td>
<td>BAKER, RODNEY</td>
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<td>VETERINARY DIAGNOSTIC &amp; PRODUCTION ANIMAL MEDICINE-VET</td>
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<td>$17,427</td>
<td>IOWA SOYBEAN ASSOCIATION</td>
<td>Development of an Epitope-based Vaccine Against Swine Influenza A Virus Using a Non-toxic Enterotoxin as the Carrier-adjuvant</td>
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<th>Amount</th>
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<td>$17,427</td>
<td>IOWA SOYBEAN ASSOCIATION</td>
<td>Investigating the Effect of Soil pH on Soybean Cyst Nematode</td>
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<td>1/31/11</td>
<td>TYLKA, GREGORY</td>
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<td>PLANT PATHOLOGY-AES/CALS</td>
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I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

5/01 - 31/2010

1. MIDWEST RESEARCH INSTITUTE

- U.S. Road Assessment Program
  - SOULEYRETTE, REGINALD
  - HANS, ZACHARY
  - NAMBIKAN, SHASHI
  - 5/1/04 to 1/31/11
  - RESEARCH
  - CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
  - INSTITUTE FOR TRANSPORTATION-VPR/ED

2. UNIVERSITY OF IOWA

- Generation of Mesoscale Model Rainfall Forecasts to Improve Flood Forecasting to Assist the Iowa Flood Center
  - 12/1/09 to 6/30/10
  - RESEARCH
  - GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS

3. UNIVERSITY OF NEBRASKA, LINCOLN

- Financial Security for All, Community of Practice
  - 1/1/09 to 12/31/10
  - EXTENSION/PUBLIC
  - HUMAN DEVELOPMENT & FAMILY STUDIES-EXT

4. METABOLIC TECHNOLOGIES, INC

- Effect of Oral ATP on Human Muscle Performance
  - 2/1/10 to 5/31/11
  - RESEARCH
  - KINESIOLOGY-HS

5. NATIONAL SCIENCE FOUNDATION

- Dissertation Research: Unraveling the Genetic Basis for Complex Life History Traits in Natural Populations of Garter Snakes
  - 7/1/10 to 6/30/12
  - RESEARCH
  - ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

6. NATIONAL SCIENCE FOUNDATION

- LTREB: Long-term Research on Environmental Gender Determination in a Model System (chrysemys): The Next Five Years
  - 3/15/07 to 2/28/11
  - RESEARCH
  - ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS
## I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<td>Iowa Dept. of Education</td>
<td>5/15/10</td>
<td>6/30/10</td>
<td>ICYD Site Visit Evaluation</td>
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<td>National Science Foundation</td>
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<td>LTREB: Long-term Research on Environmental Gender Determination in a Model System: The Next Five Years</td>
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<td>Houston Zoo, Inc</td>
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<td>5/1/11</td>
<td>Extraction to Extinction? Chimpanzee Conservation in Light of Impending Iron Ore Mining Project in SE Senegal</td>
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<td>National Science Foundation</td>
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<td>2/28/11</td>
<td>Gene Expression Response to Naturally Fluctuating Temperature in Turtles with Alternative Sex Determining Mechanisms</td>
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<td>$10,150</td>
<td>National Science Foundation</td>
<td>6/1/10</td>
<td>5/31/11</td>
<td>Dissertation Research: Factors Mediating Gene Flow in a Mobile and Continuously Distributed Species, the Bobcat (lynx rufus)</td>
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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$8,500  NATIONAL INSTITUTES OF HEALTH

105230  The XIth Latin American Conference on Probability and Mathematical Statistics

11/1/09  to  5/31/10  MISCELLANEOUS

WELK, GREGORY       KINESIOLOGY-HS
NUSSEr, SARAH        CENTER FOR SURVEY STATISTICS & METHODOLOGY-VPR/ED
CARRIQUIRY, ALICIA   STATISTICS-LAS

$7,805  NATIONAL SCIENCE FOUNDATION

107144  LTREB: Long-term Research on Environmental Gender Determination in a Model System: The Next Five Years

3/15/07  to  2/28/11  RESEARCH

JANZEN, FREDRIC      ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS
WARNER, DANIEL       ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS

$7,765  IOWA DEPARTMENT OF NATURAL RESOURCES

104495  Phase 1 Archaeological Survey

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

HILL, MATTHEW        ANTHROPOLOGY-LAS

$7,594  CENTERVILLE COMMUNITY SCHOOL DISTRICT

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

$7,587  ALLAMAKEE COUNTY AGRICULTURAL EXTENSION DISTRICT

106330  Northeast Iowa Food and Fitness Initiative

1/1/10   to  12/31/10  EXTENSION/PUBLIC

GROVER, VANETTE      EXTENSION 4-H YOUTH DEVELOPMENT-EXT

$7,500  PLANO MOLDING COMPANY

106562  Protein Polymer Product Development

7/1/08  to  5/31/10  RESEARCH

GREWELL, DAVID       AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS
KESSLER, MICHAEL     MATERIALS SCIENCE & ENGINEERING-ENGR
GRAVES, WILLIAM      HORTICULTURE-AES/CALS
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$7,500  PLANO MOLDING COMPANY

106562  Protein Polymer Product Development

7/1/08  to  5/31/10  RESEARCH

CO-PI  RAJAN, KRISHNA  MATERIALS SCIENCE & ENGINEERING-ENGR
CO-PI  VANAUKEN, HOWARD  MANAGEMENT-BUS

$7,290  PERMEATE REFINING

107753  Purifying Food-grade Alcohol Further with the Mello3z Process of Ozonation and Granular Activated Carbon

4/19/10  to  9/30/10  RESEARCH

CO-PI  KOZIEL, JACEK  AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS
CO-PI  CAI, LINGSHUANG  AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS
CO-PI  MUMM, LYNNE  INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VP

$6,000  NATIONAL SCIENCE FOUNDATION

107438  CAREER: Ultrasound Histotripsy System Development to Improve Cancer Treatment

5/24/10  to  11/30/12  RESEARCH

BIGELOW, TIMOTHY  ELECTRICAL & COMPUTER ENGINEERING-ENGR

$6,000  NATIONAL SCIENCE FOUNDATION

107439  Investigating Gibberellin Phytohormone Metabolism

8/1/09  to  7/31/13  RESEARCH

PETERS, REUBEN  BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS

$6,000  NATIONAL SCIENCE FOUNDATION

107472  CAREER: Accurate and Efficient Electromagnetic Modeling Techniques for RF Integrated Circuits

4/27/10  to  4/30/11  RESEARCH

SONG, JIMING  ELECTRICAL & COMPUTER ENGINEERING-ENGR

$5,625  NATIONAL SCIENCE FOUNDATION

107657  CAREER: Rationally Designed Conjugated Polymers Based on Benzoazoles

6/1/09  to  5/31/11  RESEARCH

JEFFRIES-EL, MALIKA  CHEMISTRY-LAS
May 01 - 31, 2010

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

105467  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

        $5,062 COMMUNITY FOUNDATION OF GREATER DUBUQUE

106428  Financial Security for All, Community of Practice

        1/1/09 to 12/31/10 EXTENSION/PUBLIC
        SWANSON, PATRICIA HUMAN DEVELOPMENT & FAMILY STUDIES-EXT

        $5,000 UNIVERSITY OF NEBRASKA, LINCOLN

106715  2010 Midwest Biopolymers and Biocomposites Workshop

        2/12/10 to 6/30/10 INSTRUCTION/TRAINING
        JARBOE, DARREN CENTER FOR CROPS UTILIZATION RESEARCH-AES/CALS
        CO-PI GREWELL, DAVID AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

        $5,000 IOWA DEPARTMENT OF ECONOMIC DEVELOPMENT

107959  Evaluation of GAT Soybeans

        2/18/08 to 2/18/11 RESEARCH
        OWEN, MICHEAL AGRONOMY-AES/CALS

        $5,000 GENOMATICA, INC

108012  Center for Biorenewable Chemicals (CBiRC) Membership

        4/5/10 to 4/4/11 RESEARCH
        SHANKS, BRENT NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR

        $5,000 SOLAZYME, INC

108017  Center for Biorenewable Chemicals (CBiRC) Membership

        4/16/10 to 4/15/11 RESEARCH
        SHANKS, BRENT NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$4,989  INTERNATIONAL CROPS RESEARCH INSTITUTE FOR SEMI-ARID TROPICS
105537  Seed Development for Southern Africa
  10/1/09 to 9/30/10  INSTRUCTION/TRAINING
  CORTES, JOSEPH  SEED SCIENCE CENTER-AES/CALS
$4,717  JOHNSONVILLE SAUSAGE, LLC
107487  Application of Calcium Lactate to Improve Pork Tenderness
  6/1/10 to 7/15/10  RESEARCH
  LONERGAN, STEVEN  ANIMAL SCIENCE-AES/CALS
  CO-PI LONERGAN, ELISABETH  ANIMAL SCIENCE-AES/CALS
$4,000  MORRIS ANIMAL FOUNDATION
107969  Investigation of Eimeria Macusaniensis-salmonella Co-infections in Alpacas
  6/1/10 to 8/31/10  SCHOLARSHIP
  CARLSON, STEVEN  BIOMEDICAL SCIENCES-VET
$4,000  MORRIS ANIMAL FOUNDATION
108013  Is Behavior During the Pre-race Period and Avoidance Responses at the Starting Gate Predictive of Breakdown During Horse Races?
  5/15/10 to 8/15/10  SCHOLARSHIP
  MILLMAN, SUZANNE  VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET
$3,000  UNITED WAY OF STORY COUNTY
106688  Story County Sexual Assault Response Team (SART)
  4/8/10 to 10/7/10  INSTRUCTION/TRAINING
  STEWART, JERRY  DEPARTMENT OF PUBLIC SAFETY-VPBF
  CO-PI SIMBRIC, STEFFANI  DEPARTMENT OF PUBLIC SAFETY-VPBF
$2,600  ACADEMY OF APPLIED SCIENCE
108164  Research and Engineering Apprenticeship
  5/15/10 to 8/31/10  FELLOWSHIP
  CERVATO, CINZIA  GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

105740  Local Support for Iowa Americorps State of Promise Program

   $1,813  DAVENPORT COMMUNITY SCHOOL DISTRICT  
         9/1/09 to 8/31/10  EXTENSION/PUBLIC  
         BROSHAR, DONNIE  EXTENSION 4-H YOUTH DEVELOPMENT-EXT  

105247  Evaluation of BASICS for Nutrition and Physical Activity

   $1,800  IOWA DEPARTMENT OF PUBLIC HEALTH  
         10/1/09 to 9/30/10  RESEARCH  
         SHELLEY, MACK  STATISTICS-LAS  

105137  Local Support for Iowa AmeriCorps State of Promise Program

   $1,688  COMMUNITY FOUNDATION OF THE GREAT RIVER BEND  
         9/1/10 to 8/31/11  EXTENSION/PUBLIC  
         BROSHAR, DON  EXTENSION 4-H YOUTH DEVELOPMENT-EXT  

105844  Local Support for Iowa Americorps State of Promise Program

   $1,688  IOWA 4-H FOUNDATION  
         9/1/09 to 8/31/10  EXTENSION/PUBLIC  
         BROSHAR, DON  EXTENSION 4-H YOUTH DEVELOPMENT-EXT  

107902  Iowa NASA EPSCoR Travel Award

   $1,686  UNIVERSITY OF NORTHERN IOWA  
         4/1/10 to 8/31/10  RESEARCH  
         KALEITA-FORBES, AMY  AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS  

105424  Local Support for Iowa AmeriCorps State of Promise Program

   $1,563  MAHASKA COMMUNITY RECREATION FOUNDATION  
         9/1/09 to 8/31/10  EXTENSION/PUBLIC  
         BROSHAR, DON  EXTENSION 4-H YOUTH DEVELOPMENT-EXT  

   $1,563  MAHASKA COMMUNITY RECREATION FOUNDATION  
         9/1/09 to 8/31/10  EXTENSION/PUBLIC  
         BROSHAR, DON  EXTENSION 4-H YOUTH DEVELOPMENT-EXT  

   $1,563  MAHASKA COMMUNITY RECREATION FOUNDATION  
         9/1/09 to 8/31/10  EXTENSION/PUBLIC  
         BROSHAR, DON  EXTENSION 4-H YOUTH DEVELOPMENT-EXT  

   $1,563  MAHASKA COMMUNITY RECREATION FOUNDATION  
         9/1/09 to 8/31/10  EXTENSION/PUBLIC  
         BROSHAR, DON  EXTENSION 4-H YOUTH DEVELOPMENT-EXT  

   $1,563  MAHASKA COMMUNITY RECREATION FOUNDATION  
         9/1/09 to 8/31/10  EXTENSION/PUBLIC  
         BROSHAR, DON  EXTENSION 4-H YOUTH DEVELOPMENT-EXT  

   $1,563  MAHASKA COMMUNITY RECREATION FOUNDATION  
         9/1/09 to 8/31/10  EXTENSION/PUBLIC  
         BROSHAR, DON  EXTENSION 4-H YOUTH DEVELOPMENT-EXT  

   $1,563  MAHASKA COMMUNITY RECREATION FOUNDATION  
         9/1/09 to 8/31/10  EXTENSION/PUBLIC  
         BROSHAR, DON  EXTENSION 4-H YOUTH DEVELOPMENT-EXT  

   $1,563  MAHASKA COMMUNITY RECREATION FOUNDATION  
         9/1/09 to 8/31/10  EXTENSION/PUBLIC  
         BROSHAR, DON  EXTENSION 4-H YOUTH DEVELOPMENT-EXT  

   $1,563  MAHASKA COMMUNITY RECREATION FOUNDATION  
         9/1/09 to 8/31/10  EXTENSION/PUBLIC  
         BROSHAR, DON  EXTENSION 4-H YOUTH DEVELOPMENT-EXT  

   $1,563  MAHASKA COMMUNITY RECREATION FOUNDATION  
         9/1/09 to 8/31/10  EXTENSION/PUBLIC  
         BROSHAR, DON  EXTENSION 4-H YOUTH DEVELOPMENT-EXT
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$1,200  IOWA DEPARTMENT OF EDUCATION  472-28-19
107221  PBS Webinar Series
3/1/10 to 6/30/10  INSTRUCTION/TRAINING
PETERSON, CARLA  HUMAN DEVELOPMENT & FAMILY STUDIES-HS

$844  LOUISA COUNTY AGRICULTURAL EXTENSION  400-30-12
105843  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

$500  THE BIOBUSINESS ALLIANCE OF MINNESOTA  400-72-04
107745  Center for Biorenewable Chemicals (CBiRC) Strategic Membership
3/22/10 to 3/21/11  RESEARCH
SHANKS, BRENT  CHEMICAL & BIOLOGICAL ENGINEERING-ENGR