I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

May 01 - 31, 2009

$7,364,871  DEPARTMENT OF EDUCATION

Pell Grant, FY09

96630

7/1/08 to 6/30/09  STUDENT FINANCIAL AID
JOHNSON, ROBERTA  STUDENT FINANCIAL AID-VPSA

$1,763,738  VARIOUS EXTERNAL/PRIVATE SPONSORS

Scholarship Support for Spring 2009

99667

1/11/09 to 5/7/09  SCHOLARSHIP
JOHNSON, ROBERTA  STUDENT FINANCIAL AID-VPSA

$1,663,004  VARIOUS EXTERNAL/PRIVATE SPONSORS

Scholarship Support for Fall 2008

99661

8/18/08 to 12/18/08  SCHOLARSHIP
JOHNSON, ROBERTA  STUDENT FINANCIAL AID-VPSA

$1,590,508  VARIOUS EXTERNAL/PRIVATE SPONSORS

Scholarship Support for Fall 2008

99662

8/24/08 to 12/18/08  SCHOLARSHIP
JOHNSON, ROBERTA  STUDENT FINANCIAL AID-VPSA

$1,589,830  VARIOUS EXTERNAL/PRIVATE SPONSORS

Scholarship Support for Spring 2009

99668

1/11/09 to 5/7/09  SCHOLARSHIP
JOHNSON, ROBERTA  STUDENT FINANCIAL AID-VPSA

$1,298,170  DEPARTMENT OF EDUCATION

Federal College Work Study Program

54556

6/1/08 to 5/31/09  STUDENT FINANCIAL AID
JOHNSON, ROBERTA  STUDENT FINANCIAL AID-VPSA
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<td>3/16/09 to 3/15/14 RESEARCH CIVIL, CONSTRUCTION, &amp; ENVIRONMENTAL ENGINEERING-ENGR</td>
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<td>Investigations in Experimental and Theoretical High Energy Physics</td>
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<td>11/1/08 to 10/31/09 RESEARCH PHYSICS &amp; ASTRONOMY</td>
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I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

May 01 - 31, 2009

$678,424 DEPARTMENT OF ENERGY

Investigations in Experimental and Theoretical High Energy Physics

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

CO-PI: PRELL, SOEREN
      MEYER, WALTER

CO-PI: PHYSICS & ASTRONOMY

$456,800 DEPARTMENT OF EDUCATION

National Science and Mathematics Access to Retain Talent (SMART) Grant, FY09

7/1/08 to 6/30/09 STUDENT FINANCIAL AID

JOHNSON, ROBERTA

STUDENT FINANCIAL AID-VPS

$418,031 DEPARTMENT OF EDUCATION

Academic Competitiveness Grant, FY09

7/1/08 to 6/30/09 STUDENT FINANCIAL AID

JOHNSON, ROBERTA

STUDENT FINANCIAL AID-VPS

$400,000 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

Program Year 20 (2009) Iowa Space Grant Consortium

4/1/05 to 3/31/10 MISCELLANEOUS

BYRD, WILLIAM

AEROSPACE ENGINEERING-ENGR

$358,894 NATIONAL INSTITUTES OF HEALTH

Critical Transitions in Rural Families at Risk

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

CO-PI: CONGER, RAND
       LORENZ, FREDERICK
       WICKRAMA, K.

CO-PI: PSYCHOLOGY-LAS
       SOCIOLOGY-LAS
       HUMAN DEVELOPMENT & FAMILY STUDIES-HS

$328,945 NATIONAL INSTITUTES OF HEALTH

Structural Studies of a T Cell Specific Tyrosine Kinase

5/1/09 to 4/30/10 RESEARCH

ANDREOTTI, AMY

BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$311,865 NATIONAL INSTITUTES OF HEALTH

82970 Regulatory Enzymes of Glycolysis and Gluconeogenesis

5/1/09 to 4/30/10 RESEARCH
HONZATKO, RICHARD
BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY

$266,967 NATIONAL INSTITUTES OF HEALTH

69219 Structure and Function of Schistosome Neuropeptide F

3/1/06 to 2/28/10 RESEARCH
DAY, TIMOTHY
BIOMEDICAL SCIENCES

$263,287 NATIONAL INSTITUTES OF HEALTH

85503 Mechanisms of Antibiotic Efflux in Campylobacter

6/1/09 to 5/31/10 RESEARCH
ZHANG, QIJING
VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE
YU, EDWARD
PHYSICS & ASTRONOMY

$250,000 NATIONAL ACADEMIES

96963 Analysis of Nighttime Construction Activities and Impacts on Safety, Quality and Productivity

5/7/09 to 5/6/11 RESEARCH
SHANE, JENNIFER
CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
KANDIL, AMR
CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
NAMBIKAN, SHASHI
CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

$245,780 NATIONAL INSTITUTES OF HEALTH

85445 Regulatory Circuits that Control Transcriptional Responses to Hypoxia

6/1/09 to 5/31/10 RESEARCH
POWELL-COFFMAN, JO
GENETICS, DEVELOPMENT & CELL BIOLOGY

$231,902 NATIONAL INSTITUTES OF HEALTH

99327 Efflux Pump Mechanisms for Drug Recognition/Extrusion

5/1/09 to 4/30/10 RESEARCH
YU, EDWARD
PHYSICS & ASTRONOMY-LAS
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$190,325  NATIONAL SCIENCE FOUNDATION
Development of High-Dimensional Data Analysis Methods for the Identification of Differentially Expressed Gene Sets
7/31/09 to 7/31/10  RESEARCH
NETTLETON, DANIEL  STATISTICS
CHEN, SONG  STATISTICS
DEKKERS, JACK  ANIMAL SCIENCE
LIU, PENG  STATISTICS
TUGGLE, CHRIS  ANIMAL SCIENCE

$186,500  DEPARTMENT OF EDUCATION
Teacher Education Assistance for College and Higher Education (TEACH) Grant, FY09
7/1/08 to 6/30/09  STUDENT FINANCIAL AID
JOHNSON, ROBERTA  STUDENT FINANCIAL AID-VPSA

$180,000  AIR FORCE OFFICE OF SCIENTIFIC RESEARCH
Design and Development of Novel Hierarchically Ordered Block Copolymer/Magnetoelectric Particle Nanocomposites
6/1/09 to 11/30/09  RESEARCH
LIN, ZHIQUN  MATERIALS SCIENCE & ENGINEERING-ENGR
AKINC, MUFIT  MATERIALS SCIENCE & ENGINEERING-ENGR
TAN, XIAOLI  MATERIALS SCIENCE & ENGINEERING-ENGR
BOWLER, NICOLA  MATERIALS SCIENCE & ENGINEERING-ENGR

$180,000  SAMSUNG TELECOMMUNICATIONS AMERICA
Prioritized Network Coded Relaying in Next-Generation Cellular Networks
8/1/09 to 7/31/11  RESEARCH
KIM, SANG  ELECTRICAL & COMPUTER ENGINEERING-ENGR

$160,000  NATIONAL SCIENCE FOUNDATION
A New Pathway for GSH Metabolism in Plants
5/15/09 to 4/30/10  RESEARCH
OLIVER, DAVID  GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$155,424  IOWA FINANCE AUTHORITY

98278  Iowa Finance Authority Housing Study and Outreach

4/1/09  to  6/30/10  EXTENSION/PUBLIC
BORICH, TIMOTHY  COMMUNITY & REGIONAL PLANNING-DSN
OWUSU, FRANCIS  COMMUNITY & REGIONAL PLANNING-DSN
JOHNSTON, DOUGLAS  COMMUNITY & REGIONAL PLANNING-DSN
OWENS, FRANKLIN  EXTENSION AREA - CENTRAL-EXT
SWENSON, DAVID  ECONOMICS-AES/CALS
BASMAJIAN, CARLTON  COMMUNITY & REGIONAL PLANNING-DSN

$150,000  DEFENSE THREAT REDUCTION AGENCY

96622  Search for New Highly Energetic Phases Under High Pressure and Shear

5/4/09  to  5/3/12  RESEARCH
LEVITAS, VALERY  MECHANICAL ENGINEERING-ENGR

$147,666  OFFICE OF NAVAL RESEARCH

98599  Exploratory Research into Design and Development of IR Window Material Based on Y2O3-Zr(W,Mo)2O8 Nanocomposite

5/1/09  to  4/30/10  RESEARCH
AKINC, MUFIT  MATERIALS SCIENCE & ENGINEERING-ENGR

$140,000  NATIONAL PORK BOARD

97132  Preparing for the Inevitable Increase in Fiber Content in Practical Pig Diets

5/2/09  to  5/1/11  RESEARCH
PATIENCE, JOHN  ANIMAL SCIENCE-CALS

$135,740  UNIVERSITY OF ILLINOIS

96035  Food Insecurity, Stress, and Childhood Obesity

10/1/08  to  1/31/11  RESEARCH
GARASKY, STEVEN  HUMAN DEVELOPMENT & FAMILY STUDIES-HS
LOHMAN, BRENDA  HUMAN DEVELOPMENT & FAMILY STUDIES-HS
### I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<td>NATIONAL SCIENCE FOUNDATION</td>
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<td>Novel Intermetallic Chemistry: Approximants, Quasicrystals, and Rare-Earth-Metal-Rich Systems</td>
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<td>400-33-09</td>
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<td>Multifunctional Mesoporous Silica Nanoparticles for Intracellular Controlled Release</td>
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<td>400-63-01</td>
<td>BOEHRINGER-INGELHEIM VETMEDICA</td>
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<td>A Cross-Sectional Study of PRRSv Positive Swine Breeding Herd Sites to Evaluate Associations Between Risk Factors and a Case Definition-Based Number and Severity of Clinical PRRS Episodes</td>
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<td>$108,702</td>
<td>Making Improvements to the PCAP Genome Assembly Program</td>
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<td>$105,000</td>
<td>DARPA Dimensionality Reduction and Data Mining</td>
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May 01 - 31, 2009

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

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<td>Fundamental Research on Steel Material Properties for Automobile Applications and on Their Response to Electromagnetic Measurements</td>
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<td>99202</td>
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<td>The Drought-Responsive Metabolome of Maize for the Identification of Biochemical Signatures for Tolerance</td>
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<td>99028</td>
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<td>Metamaterials with Amplified Media</td>
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<td>96427</td>
<td>Georgia Tech University</td>
<td>$97,250</td>
<td>Experimental and Model Developments of Interfacial Mechanical Integrity of Layered Stacks</td>
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**II. RESEARCH AND COMMERCIAL ACTIVITIES**

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**III. FELLOWSHIPS AND GRANTS**

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**IV. FUNDING OPPORTUNITIES**

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**V. ACKNOWLEDGMENTS**

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$91,803 UNIVERSITY OF MARYLAND

91303 Fuselage Configuration Effects on Rotorwash and Brownout

8/1/08 to 12/31/09 RESEARCH
RAJAGOPALAN, R. AEROSPACE ENGINEERING

$90,999 NATIONAL SCIENCE FOUNDATION

86754 NETS-NBD: Network Coding-Based Protection

8/1/09 to 7/31/10 RESEARCH
KAMAL, AHMED ELECTRICAL & COMPUTER ENGINEERING
RAMAMOORTHY, ADITYA ELECTRICAL & COMPUTER ENGINEERING

$86,970 MINNESOTA DEPARTMENT OF TRANSPORTATION

98602 Implementation, Training, and Outreach for Minnesota Department of Transportation Pavement Marking Tool-Phase II

5/7/09 to 5/31/11 RESEARCH
SMADI, OMAR CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
HAWKINS, NEAL CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
NAMBISAN, SHASHI CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

$80,000 PURDUE UNIVERSITY

99246 National Air Emissions Monitoring Study

3/1/07 to 12/31/09 RESEARCH
KOZIEL, JACEK AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS
HOFF, STEVEN AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS
HARMON, JAY AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

$77,936 DEERE AND COMPANY

99118 Conceptual Design of a Eucalyptus Machine Form

5/1/09 to 10/31/09 RESEARCH
WINER, ELIOT MECHANICAL ENGINEERING-ENGR
OLIVER, JAMES MECHANICAL ENGINEERING-ENGR
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$70,636 DREXEL UNIVERSITY

63637 Remote Non-Destructive Testing and Measurement of Large-Scale Power Systems

11/30/07 to 11/30/09 RESEARCH
AJJARAPU, VENKATARAMANA ELECTRICAL & COMPUTER ENGINEERING

$66,960 UNIVERSITY OF NORTHERN IOWA

97553 IT-Olympics, 2010

6/1/09 to 5/31/10 INSTRUCTION/TRAINING
JACOBSON, DOUG ELECTRICAL & COMPUTER ENGINEERING-ENGR

$66,956 NATIONAL CATTLEMENS BEEF ASSOCIATION

97114 Improving Quality of Beef Round Muscles Packaged in High-Oxygen Modified Atmosphere Through Early Postmortem Calcium Lactate Enhancement

5/1/09 to 5/31/10 RESEARCH
LONERGAN, ELISABETH ANIMAL SCIENCE-CALS
CO-PI LONERGAN, STEVEN ANIMAL SCIENCE-CALS

$65,705 UNIVERSITY OF NEBRASKA-LINCOLN

97643 Functional Analysis of Soybean Genes Through Transposon Mutagenesis

10/1/08 to 9/30/09 RESEARCH
WANG, KAN AGRONOMY-CALS

$65,421 IOWA DEPARTMENT OF NATURAL RESOURCES

96190 Development of SWAT Hydrologic Parameters for Specific Iowa Landform Regions

4/1/09 to 11/30/09 RESEARCH
GASSMAN, PHILIP ECONOMICS-AES
CO-PI JHA, MANOJ ECONOMICS-AES

$65,000 DEERE AND COMPANY

97982 Creating an Information Dashboard to Explore Market Data for Enhanced Portfolio Creation and Management

12/2/08 to 10/31/09 RESEARCH
BRYDEN, KENNETH MECHANICAL ENGINEERING-ENGR
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$60,000 MICHIGAN STATE UNIVERSITY

Thermoelectric Conversion of Waste Heat to Electricity in an IC Engine Powered Vehicle

10/1/05 to 10/31/09 RESEARCH

SHIH, TOM AEROSPACE ENGINEERING

$60,000 UNIVERSITY OF NORTHERN IOWA

Math and Science Education Partnership-Amendment

7/1/08 to 5/31/09 INSTRUCTION/TRAINING

PETERSON, CARLA HUMAN DEVELOPMENT & FAMILY STUDIES-HS

$54,000 VIETNAM INTERNATIONAL EDUCATION DEVELOPMENT

Vietnam International Educational Development

8/1/09 to 7/31/11 FELLOWSHIP

HOLGER, DAVID GRADUATE COLLEGE-PROV

$53,674 UNIVERSITY OF NORTHERN IOWA

Go!: Using an Online Magazine to Convey Real-World Math and Science Concepts Related to Transportation

6/1/09 to 5/31/10 EXTENSION/PUBLIC

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

REGENOLD, MICHELE CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

$50,833 NATIONAL CATTLEMENS BEEF ASSOCIATION

Improving the Quality of the Beef Round: What is the Role of Electrical Stimulation?

5/1/09 to 4/30/10 RESEARCH

LONERGAN, ELISABETH ANIMAL SCIENCE-CALS

LONERGAN, STEVEN ANIMAL SCIENCE-CALS

$50,000 KANSAS STATE UNIVERSITY

Operation Military Kids Camp Initiative, Iowa

2/1/09 to 9/30/09 EXTENSION/PUBLIC

MORRIS, JOHN EXTENSION 4-H YOUTH DEVELOPMENT-EXT

GLEASON, CHRIS EXTENSION 4-H YOUTH DEVELOPMENT-EXT
## II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<td>American Cancer Society</td>
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<td>Iowa Department of Agriculture and Land Stewardship</td>
<td>Iowa Learning Farms Mobile Conservation Outreach Unit</td>
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<td>University of Northern Iowa</td>
<td>Increasing the Cognitive Demand of Mathematical Instructional Tasks in Middle Schools and High Schools</td>
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<td>98263</td>
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<td>California Department of Transportation</td>
<td>Seismic Performance of an I-Girder to Inverted-Tee Bent Cap Connection</td>
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<td>98307</td>
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<td>Oak Ridge National Laboratory</td>
<td>Formation Mechanisms and Optical Properties of Low-Dimensional Materials</td>
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<td>99153</td>
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<td>University of Illinois</td>
<td>Identification and Utilization of Resistance to Soybean Rust</td>
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I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$39,487 UNIVERSITY OF NORTHERN IOWA
6/1/09 to 5/31/10 RESEARCH
HAGEDORN, LINDA RESEARCH INSTITUTE FOR STUDIES IN EDUCATION- HS

$39,000 VARIOUS FEDERAL SPONSORS
8/24/08 to 12/18/08 SCHOLARSHIP
JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA

$38,900 SMITHSONIAN ASTROPHYSICAL OBSERVATORY, SMITHSONIAN INSTITUTION
7/1/00 to 4/30/10 RESEARCH
KRENNRICH, FRANK PHYSICS & ASTRONOMY-LAS

$36,000 VARIOUS FEDERAL SPONSORS
1/11/09 to 5/7/09 SCHOLARSHIP
JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA

$32,878 ARMY RESEARCH OFFICE
7/1/07 to 6/30/10 RESEARCH
WEERASINGHE, ANAND MATHEMATICS

$30,000 BATTELLE MEMORIAL INSTITUTE PACIFIC NORTHWEST NATIONAL LABORATORY
5/19/09 to 12/31/09 RESEARCH
GOVINDARASU, MANIMARAN ELECTRICAL & COMPUTER ENGINEERING-ENGR
Liu, Chenching ELECTRICAL & COMPUTER ENGINEERING-ENGR
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$29,199 IOWA DEPARTMENT OF ELDER AFFAIRS
Evaluation of Media Campaign and Long Term Care Services and Support Campaign

3/1/09 to 6/30/09 RESEARCH
SHELLEY, MACK
POLUSH, ELENA
KEMIS, MARI
ANDERSON, MARY

$28,938 NATIONAL INSTITUTES OF HEALTH
Regulation of Chromatin Structure and Gene Expression

1/1/09 to 12/31/09 RESEARCH
JOHANSEN, KRISTEN
JOHANSEN, JORGEN
GIRTON, JACk

$28,750 SYNGENTA
Corn Pests Research Project

3/27/09 to 3/26/10 RESEARCH
GASSMANN, AARON
WEBER, PATRICK

$28,355 AUBURN UNIVERSITY
Nondestructive Testing to Identify Delaminations Between HMA Layers

2/20/09 to 7/20/09 RESEARCH
HOLLAND, STEPHEN
CEYLAN, HALIL

$26,822 DARTMOUTH UNIVERSITY
Factors Influencing the Health Behaviors of Young African American Adults

7/1/08 to 12/31/09 RESEARCH
CUTRONA, CAROLYN
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$23,000 ROCKWELL COLLINS, INC

99328 Experimental Command and Control Project

1/1/09 to 9/1/09 RESEARCH
MENNECKE, BRIAN LOGISTICS, OPERATIONS, & MANAGEMENT INFORMATION SYSTEMS-BUS

$20,213 MID-IOWA FAMILY THERAPY CLINIC, INC

99089 Graduate Assistantship for Harper with Mid-Iowa Family Therapy Clinic, Inc

8/15/09 to 8/14/10 RESEARCH
MURPHY, MEGAN HUMAN DEVELOPMENT & FAMILY STUDIES-HS

$20,000 MADDIES FUND

98652 Maddies Shelter Medicine Program

4/3/09 to 2/15/10 EXTENSION/PUBLIC
Baldwin, Claudia VETERINARY CLINICAL SCIENCES-VET

$19,199 NATIONAL PORK BOARD

97140 Analysis of Water Consumption and Conservation Techniques Used in Swine Production Facilities

6/15/09 to 6/15/10 EXTENSION/PUBLIC
Burns, Robert AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS
Moody, Lara AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS
Muhlbaucer, Ember AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS
Stalder, Kenneth ANIMAL SCIENCE-CALS
Harmon, Jay AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS

$18,981 METABOLIC TECHNOLOGIES, INC

99061 Effect of Liquid-Gel Delivery of HMB Through Oral and Sub-Lingual Administration on Plasma Levels of HMB

5/1/09 to 4/30/10 RESEARCH
Sharp, Rickey KINESIOLOGY-HS
Krennrich, Julienne INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VP
May 01 - 31, 2009

I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$18,174 UNIVERSITY OF IOWA

75805 Writing to Learn: Professional Development Resources

9/1/05 to 8/31/09 RESEARCH
NORTON-MEIER, LORI CURRICULUM & INSTRUCTION

$16,297 UNIVERSITY OF NORTHERN IOWA

99364 Taking the Road Less Traveled to Northwest Iowa

6/1/09 to 5/31/10 EXTENSION/PUBLIC
ZUNKEL, KAREN WOMEN IN SCIENCE & ENGINEERING-PROV

$16,250 VARIOUS FEDERAL SPONSORS

99659 Scholarship Support for Fall 2008

8/24/08 to 12/18/08 SCHOLARSHIP
JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA

$15,500 VARIOUS FEDERAL SPONSORS

99665 Scholarship Support for Spring 2009

1/11/09 to 5/7/09 SCHOLARSHIP
JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA

$15,329 IOWA DEPARTMENT OF NATURAL RESOURCES

98674 Phase 1 Archaeological Survey

5/1/09 to 7/1/10 EXTENSION/PUBLIC
HILL, MATTHEW ANTHROPOLOGY-LAS

$15,289 MICHIGAN STATE UNIVERSITY

90940 Ecologies of Engagement: An Investigation into Teacher Learning About Teacher-Parent Engagement in Science and Mathematics Education

6/1/08 to 5/31/09 RESEARCH
DRAKE, COREY CURRICULUM & INSTRUCTION
May 01 - 31, 2009

I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$15,016  IOWA SCHOOL BOARDS FOUNDATION

98036  Defining Highly Qualified School Boards

2/1/09  to  4/30/10  RESEARCH
SHELLEY, MACK  STATISTICS-LAS

$14,689  VARIOUS EXTERNAL/PRIVATE SPONSORS

99656  Scholarship Support for Summer 2008

5/19/08  to  8/8/08  SCHOLARSHIP
JOHNSON, ROBERTA  STUDENT FINANCIAL AID-VPSA

$10,450  NATIONAL SCIENCE FOUNDATION

98472  LTREB: Long-Term Research on Environmental Gender Determination in a Model System: The Next Five Years

3/15/07  to  2/28/10  RESEARCH
JANZEN, FREDRIC  ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS

$10,000  BOEHRINGER-INGELHEIM VETMEDICA

98009  A Cross-Sectional Study of PRRSv Positive Swine Breeding Herd Sites to Evaluate Associations Between Risk Factors and a Case Definition-Based Number and Severity of Clinical PRRS Episodes

8/1/08  to  12/31/09  RESEARCH
HOLTKAMP, DERALD  VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

$9,992  REBUILD IOWA OFFICE

98524  Measuring the Economic Impact of Disasters

3/13/09  to  6/30/10  RESEARCH
SWENSON, DAVID  ECONOMICS-AES/CALS

$9,983  UNIVERSITY OF MINNESOTA

61824  Research Institute on Progress Monitoring

11/1/03  to  10/31/09  RESEARCH
FOEGEN, ANNE  CURRICULUM & INSTRUCTION
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$9,434 DEPARTMENT OF INTERIOR, GEOLOGICAL SURVEY

91871 Assessing the Role of Conspecific Attraction in Habitat Restoration for Henslow's Sparrows in Iowa

9/8/08 to 6/30/10 RESEARCH
KOFORD, ROLF NATURAL RESOURCE ECOLOGY & MANAGEMENT

$8,331 MOSAIC FERTILIZER, LLC

98765 K and P Fertilizer Response in Miscanthus X Giganteus

5/1/09 to 4/30/10 RESEARCH
HEATON, EMILY AGRONOMY-AES/CALS

$7,711 VARIOUS EXTERNAL/PRIVATE SPONSORS

99655 Scholarship Support for Summer 2008

5/19/08 to 8/8/08 SCHOLARSHIP
JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA

$7,665 NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY

97943 Summer Undergraduate Research Fellowship with NIST

5/1/09 to 9/30/09 FELLOWSHIP
WICKERT, JONATHAN MECHANICAL ENGINEERING-ENGR

$6,940 JET PROPULSION LABORATORY

94321 Mid-Infrared Imaging of the Taffy Colliding Galaxy Pairs UGC 813/6Arp261

5/19/09 to 6/30/10 RESEARCH
STRUCK, CURTIS PHYSICS & ASTRONOMY-LAS

$6,000 SANDIA NATIONAL LABORATORY

98093 Cyber Attack Impact Analysis for SCADA Systems

6/1/09 to 5/31/10 RESEARCH
GOVINDARASU, MANIMARAN ELECTRICAL & COMPUTER ENGINEERING-ENGR
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$5,000 DEPARTMENT OF AGRICULTURE, CSREES

Critical Issue Prioritization Conference for the United States Pork Industry

6/1/09 to 11/30/09 EXTENSION/PUBLIC
MEISINGER, DAVID U.S. PORK CENTER OF EXCELLENCE-AES/CALS

$5,000 WEST VIRGINIA UNIVERSITY

Distributed Conformal Actuation for Simultaneously Controlling Flow Separation and Transition

1/1/09 to 7/31/09 RESEARCH
ROTHMAYER, ALRIC AEROSPACE ENGINEERING-ENGR

$4,977 IOWA DEPARTMENT OF TRANSPORTATION

Cars Location Database Update and Validation

10/1/07 to 6/30/09 RESEARCH
HANS, ZACHARY CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
NAMBIKAR, SHASHI CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

$4,687 UNITED ACTION FOR YOUTH

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

$2,600 ACADEMY OF APPLIED SCIENCE

Summer Internship for High-School Student from Ames High

4/8/09 to 8/31/09 RESEARCH
CERVATO, CINZIA GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS

$2,500 AMERICAN EDUCATION RESEARCH ASSOCIATION

Statistical Methods for Utilizing Auxiliary Data in Educational Surveys

8/16/07 to 8/15/09 RESEARCH
LARSEN, MICHAEL STATISTICS
May 01 - 31, 2009

I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$2,500 NATIONAL SCIENCE FOUNDATION
98471 CAREER: Ultrasound Histotripsy System Development to Improve Cancer Treatment
4/30/09 to 4/30/12 RESEARCH
BIGELOW, TIMOTHY ELECTRICAL & COMPUTER ENGINEERING-ENGR

$2,000 COUNCIL FOR STUDY OF COMMUNITY COLLEGES
98095 Workforce Development During Economic Crisis: Community College Response
3/29/09 to 3/28/11 RESEARCH
HAGEDORN, LINDA RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS
RYDER, ANDREW EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS

$2,000 PIONEER HI-BRED INTERNATIONAL
99244 Testing of New Corn Technology
2/18/08 to 2/18/10 RESEARCH
OWEN, MICHEAL AGRONOMY-AES/CALS

$1,773 IOWA DEPARTMENT OF NATURAL RESOURCES
98674 Phase 1 Archaeological Survey
5/1/09 to 7/1/10 EXTENSION/PUBLIC
HILL, MATTHEW ANTHROPOLOGY-LAS

$1,570 PETERSON CONTRACTORS, INC
99003 Phase 1 Archaeological Survey in Cedar Rapids
4/21/09 to 6/30/09 EXTENSION/PUBLIC
HILL, MATTHEW ANTHROPOLOGY-LAS

$1,250 VARIOUS STATE SPONSORS
99652 Scholarship Support for Summer 2008
5/19/08 to 8/8/08 SCHOLARSHIP
JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA
May 01 - 31, 2009

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$1,100 VARIOUS UTILITIES THROUGH THE IOWA DEPARTMENT OF COMMERCE

99209 Operational Funds for the Iowa Energy Center

9/27/91 to 12/31/99 RESEARCH
NORDMEYER, KEVIN IOWA ENERGY CENTER-VPR/ED

$500 VARIOUS UTILITIES THROUGH THE IOWA DEPARTMENT OF COMMERCE

99209 Operational Funds for the Iowa Energy Center

9/27/91 to 12/31/99 RESEARCH
NORDMEYER, KEVIN IOWA ENERGY CENTER-VPR/ED