I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$12,578,018 DEPARTMENT OF ENERGY
Operating and Management Support for the Ames Laboratory

1/1/07 to 9/30/08 RESEARCH
KING, ALEXANDER AMES LABORATORY

$4,018,487 DEPARTMENT OF ENERGY
Operating and Management Support for the Ames Laboratory

1/1/07 to 9/30/08 RESEARCH
KING, ALEXANDER AMES LABORATORY

$1,743,000 AIR FORCE RESEARCH LABORATORY
Quantitative Inspection Techniques for Assessing Aging Military Aircraft

4/1/07 to 5/31/09 RESEARCH
THOMPSON, R BRUCE MATERIALS SCIENCE & ENGINEERING-ENGR
BRASCHE, LISA H CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED

$1,200,000 NATIONAL SCIENCE FOUNDATION
Ecohydrological Controls on Watershed Response to Land Use Change in the Montane Cloud Forest Zone in Central Veracruz, Mexico

1/16/08 to 3/31/11 RESEARCH
ASBJORNSEN, HEIDI NATURAL RESOURCE ECOLOGY & MANAGEMENT

$719,000 NATIONAL SCIENCE FOUNDATION
CRI: LAD Acquisition Cluster and High Performance Storage for Data-Intensive Applications in Materials Science, Power Systems, and System Biology

3/15/08 to 2/28/11 EQUIPMENT
ALURU, SRINIVAS ELECTRICAL & COMPUTER ENGINEERING
ALURU, MANEESHA ELECTRICAL & COMPUTER ENGINEERING
RAJAN, KRISHNA MATERIALS SCIENCE & ENGINEERING
MCCALLEY, JAMES ELECTRICAL & COMPUTER ENGINEERING
SOMANI, ARUN ELECTRICAL & COMPUTER ENGINEERING

$673,958 IOWA DEPARTMENT OF NATURAL RESOURCES
Benchmarks of Biological Integrity for Lake Restoration Success: Fish, Invertebrate, and Plankton Communities in Iowa Lakes

12/13/07 to 12/31/12 RESEARCH
QUIST, MICHAEL NATURAL RESOURCE ECOLOGY & MANAGEMENT
April 01 - 30, 2008

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$673,958 IOWA DEPARTMENT OF NATURAL RESOURCES
Benmarks of Biological Integrity for Lake Restoration Success: Fish, Invertebrate, and Plankton Communities in Iowa Lakes
12/13/07 to 12/31/12 RESEARCH
CO-PI DOWNING, JOHN ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY

$656,620 NATIONAL INSTITUTES OF HEALTH
Economic Stress and Child Development Across Three Generations
5/1/08 to 4/30/09 RESEARCH
CONGER, RAND PSYCHOLOGY

$487,226 NATIONAL INSTITUTES OF HEALTH
Exercise-Induced Immunomodulation in the Aged: Mechanisms
3/1/08 to 2/28/09 RESEARCH
KOHUT, MARIAN KINESIOLOGY
CO-PI WANNEUEHLER, MICHAEL VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE
CO-PI BUSS, JANICE E BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY
CO-PI YOON, KYOUNG-JIN VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE
CO-PI CUNNICK, JOAN ANIMAL SCIENCE
CO-PI NETTLETON, DANIEL STATISTICS

$465,739 UNIVERSITY OF IOWA
Treatment of Laser-Induced Retinal Injury and Visual Loss Using Sustained Release of Intra-Vitreal Neurotrophic Growth Factors
9/24/07 to 10/23/10 RESEARCH
GROZDANIC, SINISA VETERINARY CLINICAL SCIENCES

$433,916 NATIONAL INSTITUTES OF HEALTH
Confocal System at Iowa State University
4/15/08 to 4/14/09 EQUIPMENT
ACKERMANN, MARK VETERINARY PATHOLOGY-VET
### GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<td>$319,530</td>
<td>Michigan State University</td>
<td>Enhancing Nutritional Value and Marketability of Beans Through Research and Strengthening Key Value Chain Stakeholders in Uganda and Rwanda</td>
<td>Mazur, Robert Sociology-LAS Hendrich, Suzanne Food Science &amp; Human Nutrition Westgate, Mark Agronomy Jensen, Helen Economics</td>
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<td>414-40-00</td>
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<td>Complement Mediated Lysis Resistance Genes of Leishmania</td>
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<td>404-40-42</td>
<td>$258,712</td>
<td>University of Maryland</td>
<td>Annotation of Novel Enzymatic Functions in Methanogens Using MS Based Metabolomics Coupled with Targeted NMR- Based Ligand Screening</td>
<td>Nikolau, Basil Biochemistry, Biophysics &amp; Molecular Biology</td>
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I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$248,372 NATIONAL INSTITUTES OF HEALTH
Histone Modifications and Higher-Order Chromatin Structure

2/1/08 to 1/31/09 RESEARCH
SHOGREN-KNAAK, MICHAEL
BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY

$235,000 CONOCOPHILLIPS COMPANY
Biomass Pretreatment and Pyrolysis Experiments

4/1/08 to 3/31/09 RESEARCH
BROWN, ROBERT C
MECHANICAL ENGINEERING-ENGR
JONES, SAMUEL THEONE
CENTER FOR SUSTAINABLE ENVIRONMENTAL TECHNOLOGIES - IPRT-VPR/ED

$160,195 NATIONAL INSTITUTES OF HEALTH
Genotypic and Phenotypic Analysis of West Nile Virus, Yucatan Peninsula of Mexico

4/1/08 to 3/31/09 RESEARCH
BLITVICH, BRADLEY
VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE
BARTHOLOMAY, LYRIC
ENTOMOLOGY

$149,999 NATIONAL SCIENCE FOUNDATION
Improving Embedded Systems Education with Software Engineering Methodologies

3/1/08 to 2/28/10 RESEARCH
NGUYEN, TIEN
ELECTRICAL & COMPUTER ENGINEERING
ROVER, DIANE
ELECTRICAL & COMPUTER ENGINEERING
SHELLEY, MACK
STATISTICS-LAS
ZHANG, ZHAO
ELECTRICAL & COMPUTER ENGINEERING

$140,000 NATIONAL SCIENCE FOUNDATION
Injection of Vacancy-Type Defects and Hydrogen by Metallic Corrosion

7/1/06 to 6/30/09 RESEARCH
HEBERT, KURT
CHEMICAL & BIOLOGICAL ENGINEERING
CHUMBLEY, LEONARD
MATERIALS SCIENCE & ENGINEERING
WANG, CAI-ZHUANG
PHYSICS & ASTRONOMY
HO, KAI-MING
PHYSICS & ASTRONOMY
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$128,639 DEPARTMENT OF AGRICULTURE
USDA Animal Health and Disease Research - Formula Fund Grant

10/1/07 to 9/30/08 RESEARCH
REYNOLDS, DONALD VETERINARY ADMINISTRATION

$125,000 UNITED SOYBEAN BOARD
Development of High-Throughput DNA-Based Gene Silencing Technology for Soybeans

3/20/08 to 2/28/09 RESEARCH
HILL, JOHN H PLANT PATHOLOGY-AES
BAUM, THOMAS J PLANT PATHOLOGY-AES
LEANDRO, LEONOR F S PLANT PATHOLOGY-AES
WHITHAM, STEVEN A PLANT PATHOLOGY-AES

$124,991 MICHIGAN TECHNOLOGICAL UNIVERSITY
Evaluating Effects of Climate Changes on Midwest Agroecosystems Using a Climate-Crop Coupled Model

9/15/06 to 9/14/09 RESEARCH
TAKLE, GENE AGRONOMY
SEGAL, MORDECAI AGRONOMY

$116,795 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
Turbulence Models for Flow Separation

12/1/06 to 11/30/09 RESEARCH
DURBIN, PAUL AEROSPACE ENGINEERING

$113,194 NATIONAL SCIENCE FOUNDATION
Collaborative Research: Oxidative Stress, Telomere Dynamics and Aging in a Free-Living Organism

4/1/08 to 3/31/09 RESEARCH
VLECK, CAROL ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY
VLECK, DAVID ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY

$101,505 MIDWEST RESEARCH INSTITUTE
USRAP-Phase III

5/21/04 to 12/31/08 RESEARCH
SOULEYRETTE, REGINALD CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING
### II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<td>Rolls-Royce Corporation</td>
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<td>Student and Organizational Learning: Preparing the 21st Century Technician</td>
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<td>6/30/08</td>
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<td>Making Improvements to the PCAP Genome Assembly Program</td>
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<td>Effectiveness of EpiCor in Improving Immune Function, Inflammation, and Performance after Intense Exercise</td>
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<td>Estimating the Retinol Activity Equivalence of Beta-Carotene-Biofortified Crops</td>
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<td>Stabilization Procedures to Mitigate Edge Rutting for Granular Shoulders</td>
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<td>$68,000</td>
<td>Universal Nuclear Energy Density Functional</td>
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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$65,000  FUEL TECH, INC
Investigation of the Behavior of Mercury Compounds in Coal Fired Boilers
1/1/08 to 12/31/08  RESEARCH
BRYDEN, KENNETH  MECHANICAL ENGINEERING

$54,783  DEPARTMENT OF AGRICULTURE
USDA Animal Health and Disease Research - Formula Fund Grant
10/1/07 to 9/30/08  RESEARCH
WINTERSTEEN, WENDY  AGRICULTURE & HOME ECONOMICS EXPERIMENT STATION

$50,892  NATIONAL INSTITUTES OF HEALTH
Modulation and Resistance of Levamisole Receptor Channels
1/1/08 to 12/31/08  RESEARCH
MARTIN, RICHARD  BIOMEDICAL SCIENCES

$50,000  OFFICE OF NAVAL RESEARCH
Optical Metamaterials
12/4/06 to 12/31/09  RESEARCH
SOUKOULIS, COSTAS  PHYSICS & ASTRONOMY

$50,000  DEPARTMENT OF AGRICULTURE, ERS
The Economics of Obesity in the NLSY79 Panel
4/7/08 to 9/30/10  RESEARCH
HUFFMAN, WALLACE  ECONOMICS-CALS

$49,717  DEPARTMENT OF EDUCATION
Pell Grant, FY08
7/1/07 to 6/30/08  STUDENT FINANCIAL AID
JOHNSON, ROBERTA  VICE PRESIDENT FOR STUDENT AFFAIRS
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<td>Development of an Improved Mycoplasma Hyopneumoniae-Specific Elisa</td>
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<td>Sequencing the Maize Genome</td>
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<td>Program Evaluation of the State Revolving Fund’s Local Water Protection Program</td>
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$40,000  IOWA DEPARTMENT OF TRANSPORTATION
   Local Roads Safety Liaison
   3/3/08  to  2/28/09  RESEARCH
   SMITH, DUANE
   MCDONALD, THOMAS
   CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
   CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

$39,000  UNIVERSITY OF IOWA
   Custom Circuit Design
   12/22/05  to  8/30/08  RESEARCH
   GEIGER, RANDALL
   ELECTRICAL & COMPUTER ENGINEERING-ENGR

$37,282  UNIVERSITY OF COLORADO
   Development, Verification and Validation of Multiphase Models for Polydisperse Flow
   5/18/07  to  5/17/08  RESEARCH
   SUBRAMANIAM, SHANKAR
   FOX, RODNEY
   MECHANICAL ENGINEERING
   CHEMICAL & BIOLOGICAL ENGINEERING

$36,999  NATIONAL SCIENCE FOUNDATION
   Collaborative Research: Dynamic Mode High Density Probe Based Data Storage
   6/1/08  to  5/31/09  RESEARCH
   RAMAMOORTHY, ADITYA
   ELECTRICAL & COMPUTER ENGINEERING

$36,000  METABOLIX, INC
   Advanced Biorefinery Feedstocks
   5/1/06  to  6/30/08  RESEARCH
   WURTELE, EVE
   GENETICS, DEVELOPMENT & CELL BIOLOGY

$35,000  LAURENS HOPE FOUNDATION
   Combined Hematopoetic Stem Cell and Gene Therapy for the Treatment of MP IIIB
   3/1/08  to  2/28/09  RESEARCH
   ELLINWOOD, NORMAN
   ANIMAL SCIENCE
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$35,000 IOWA DEPARTMENT OF PUBLIC HEALTH
Epidemiology and Laboratory Capacity for Infectious Diseases/West Nile Surveillance
1/1/08 to 12/31/08 RESEARCH
BARTHOLOMAY, LYRIC
ENTOMOLOGY-CALS

$35,000 LOS ALAMOS NATIONAL LABORATORY
Advanced Diesel Spray Combustion Modeling and Validation
4/7/08 to 3/31/09 RESEARCH
KONG, SONG-CHARNG
MECHANICAL ENGINEERING-ENGR

$33,250 UNIVERSITY OF CALIFORNIA - DAVIS
Genetic Analysis of Listeria Monocytogenes Biofilm Development
9/27/06 to 6/30/08 RESEARCH
MINION, FRANK
VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE

$33,010 ARMY CORPS OF ENGINEERS
Water Quality Study, Saylorville Reservoir
5/1/08 to 6/30/08 RESEARCH
LUTZ, DONNA
CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
ONG, SAY
CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR

$30,601 KANSAS STATE UNIVERSITY
PRRS Host Genetics Consortium: A Proposal to Develop a Consortium to Study the Role of Host Genetics and Resistance to PRRS
12/1/07 to 11/30/08 RESEARCH
REECY, JAMES
ANIMAL SCIENCE

$30,593 IOWA DEPARTMENT OF TRANSPORTATION
Scheduling Support
1/1/08 to 12/31/08 RESEARCH
JAHREN, CHARLES
CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
April 01 - 30, 2008

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$30,000 DEPARTMENT OF ENERGY
Industrial Assessment Center

9/1/06 to 8/31/11 RESEARCH
MAXWELL, GREGORY MECHANICAL ENGINEERING
PETERS, FRANK INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING
NELSON, RON MECHANICAL ENGINEERING

$30,000 UNIVERSITY OF ILLINOIS
North Central Region Weather Working Group

2/1/08 to 3/14/09 EXTENSION/PUBLIC
GLEASON, MARK PLANT PATHOLOGY
NUTTER, FORREST PLANT PATHOLOGY

$30,000 ROCKWELL COLLINS
NSF I/UCRC Center for Information Protection-Rockwell

1/1/08 to 12/31/08 RESEARCH
JACOBSON, DOUG W ELECTRICAL & COMPUTER ENGINEERING

$27,214 DEPARTMENT OF AGRICULTURE, APHIS
Evaluation of the Feasibility of Meat Juice Antibodies in Detection of Actinobacillus Pleuropneumoniae Infected Herds

3/28/08 to 12/31/08 MISCELLANEOUS
MCKEAN, JAMES VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

$26,398 UNIVERSITY OF ILLINOIS
North Central Extension Entomologists Working Group, with Emphasis on Developing an Extension Journal of Integrated Pest Management

2/1/08 to 3/14/09 EXTENSION/PUBLIC
RICE, MARLIN ENTOMOLOGY
VANDYK, JOHN ENTOMOLOGY

$25,900 NATIONAL CATTLEMENS BEEF ASSOCIATION
The Effect of Calf Morbidity During the Suckling and Feeding Phases on Feedlot Health, Feeding Performance, Carcass Characteristics, and Meat Quality

1/1/08 to 5/31/09 RESEARCH
ENGELKEN, TERRY VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE
BUSBY, W. COOPERATIVE EXTENSION FIELD SW
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$25,900  NATIONAL CATTLEMENS BEEF ASSOCIATION
The Effect of Calf Morbidity During the Suckling and Feeding Phases on Feedlot Health, Feeding Performance, Carcass Characteristics, and Meat Quality
1/1/08  to  5/31/09  RESEARCH
CO-PI  TAIT, RICHARD  ANIMAL SCIENCE

$25,875  SYNGENTA
Corn Insect Research
4/29/08  to  4/29/09  RESEARCH
GASSMANN, AARON J
WEBER, PATRIC
CO-PI

$20,930  SYNGENTA
Corn Insect Research
4/29/08  to  4/29/09  RESEARCH
GASSMANN, AARON J
WEBER, PATRIC

$20,400  FEDERAL AVIATION ADMINISTRATION
AACE Accountant
4/15/08  to  12/15/08  RESEARCH
BRASCHE, LISA  AIRWORTHINESS ASSURANCE CENTER OF EXCELLENCE

$20,000  NORTH CAROLINA A&T STATE UNIVERSITY
Economic and Environmental Impacts of the Production and Transportation of Crop Residues as Bioenergy Feedstocks
1/1/08  to  6/30/08  RESEARCH
SECCHI, SILVIA  CENTER FOR AGRICULTURAL & RURAL DEVELOPMENT

$18,020  SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
Access Management, Location, and Design
9/27/07  to  6/30/08  RESEARCH
PLAZAK, DAVID  CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$16,500  DEPARTMENT OF AGRICULTURE
Compendium of Veterinary Vaccines for Transboundary Diseases
1/1/08 to 12/31/08  MISCELLANEOUS
ROTH, JAMES  VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

$16,056  UNITED WAY OF CENTRAL IOWA
A Proposal For Year 2: Data Analysis, Reporting and Preparation for Wave 3
1/1/08 to 6/30/08  EXTENSION/PUBLIC
LARSON, KATHLENE A  SOCIOLOGY-EXT

$15,600  AUBURN UNIVERSITY
Technology Specialist for the Army Youth Development Project
10/1/07 to 9/14/08  EXTENSION/PUBLIC
MORRIS, JOHN C  EXTENSION 4-H YOUTH DEVELOPMENT-EXT

$14,999  ENVIRONMENTAL PROTECTION AGENCY
Heartland Environmental and Resource Economics Workshop
6/1/05 to 5/31/08  RESEARCH
KLING, CATHERINE  ECONOMICS

$14,000  PHENOTYPE SCREENING CORPORATION
Plant Root Characterization – Phase II
9/1/07 to 12/31/09  RESEARCH
HALL, RICHARD  NATURAL RESOURCE ECOLOGY & MANAGEMENT

$12,304  CIRIS ENERGY, INC
Coal Solubilization Research
1/1/08 to 12/31/08  EQUIPMENT
VERKADE, JOHN  CHEMISTRY-LAS
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$10,500  MICHIGAN TECH UNIVERSITY
Specifications and Protocols for Acceptance Tests of Fly Ash Used in Highway Concrete
7/16/07 to 7/15/08  RESEARCH
SCHLORHOLTZ, SCOTT  CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING

$10,000  COLUMBIA UNIVERSITY
Collaborative Research: Ultrafast Laser Characterization and Nanostructuring of Microphotonic Sensors
11/10/06 to 9/30/09  RESEARCH
MOLIAN, PALANIAPPA  MECHANICAL ENGINEERING

$10,000  ARMY RESEARCH OFFICE
4/10/08 to 4/9/09  INSTRUCTION/TRAINING
GUAN, YONG  ELECTRICAL & COMPUTER ENGINEERING

$10,000  UNIVERSITY OF SOUTHERN CALIFORNIA
Los Estudiantes Migrantes Y Educación
3/13/08 to 2/2/09  RESEARCH
GILDESLLEEVE, RYAN  EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS

$10,000  USA HOCKEY, INC
USA Hockey Adult Council Research
1/1/08 to 12/31/08  RESEARCH
MURDOCH, ALAN J  KINESIOLOGY-HS

$9,971  UNIVERSITY OF CALIFORNIA - LOS ANGELES
Data Assimilation in Operational Watershed Models for Short and Long-Term Hydrologic Forecasting
10/1/07 to 9/30/08  RESEARCH
FRANZ, KRISTIE  GEOLOGICAL & ATMOSPHERIC SCIENCES
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$9,962 YOUTH AND SHELTER SERVICES
Graduate Assistantship with Youth and Shelter Services
5/5/08 to 5/4/09 MISCELLANEOUS
MURPHY, MEGAN J HUMAN DEVELOPMENT & FAMILY STUDIES-HS

$9,433 CRD HYDROELECTRIC, LLC
Water Quality Evaluation for Red Rock Hydroelectric Plant
4/1/08 to 8/15/08 RESEARCH
LUTZ, DONNA S CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR

$8,400 DOW AGROSCIENCES
Corn Insect Research
3/15/08 to 3/15/09 RESEARCH
GASSMANN, AARON J ENTOMOLOGY-AES
WEBER, PATRIC

$8,322 GENERAL MOTORS CORPORATION
CFD Analysis of Torque Converter Hydrodynamic and Converter Clutch Interaction at High Speed Ratio
12/1/07 to 12/1/08 RESEARCH
SHIH, TOM I AEROSPACE ENGINEERING-ENGR

$8,200 VALENT USA CORPORATION
Corn Insect Research
3/15/08 to 3/15/09 RESEARCH
GASSMANN, AARON J ENTOMOLOGY-AES
WEBER, PATRIC

$8,050 SYNGENTA
Corn Insect Research
4/29/08 to 4/29/09 RESEARCH
GASSMANN, AARON J ENTOMOLOGY-AES
WEBER, PATRIC
April 01 - 30, 2008

I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$7,647 NATIONAL SCIENCE FOUNDATION
Structural Reorganization of Nuclear Proteins During Mitosis
2/27/08 to 4/30/09 RESEARCH
JOHANSEN, KRISTEN BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY
JOHANSEN, JORGEN BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY

$7,500 UNIVERSITY OF IOWA
Iowa Space Grant Consortium Match
4/21/08 to 12/31/99 RESEARCH
BYRD, WILLIAM IOWA SPACE GRANT CONSORTIUM

$6,374 SENIOR COLLEGE OF GREATER DES MOINES
Support for Senior College of Greater Des Moines
1/1/08 to 12/31/08 EXTENSION/PUBLIC
GLENN, SHERRY J EXTENSION AREA - CENTRAL-EXT

$6,000 NATIONAL SCIENCE FOUNDATION
CAREER: Evolutionary Community Ecology in Plethodon Salamanders
4/11/08 to 2/28/09 RESEARCH
ADAMS, DEAN ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

$6,000 NATIONAL SCIENCE FOUNDATION
Supplement to CYP701A: A Family of Multifunctional P450s in Gibberellin Metabolism
4/8/08 to 8/31/08 RESEARCH
PETERS, REUBEN J BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS

$5,906 NATIONAL SCIENCE FOUNDATION
Collaborative Research: Oxidative Stress, Telomere Dynamics and Aging in a Free-Living Organism
4/14/08 to 3/31/09 RESEARCH
VLECK, CAROL M ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS
<table>
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<th>Grant ID</th>
<th>Amount</th>
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<td>470-17-01</td>
<td>$5,000</td>
<td>IOWA DEPARTMENT OF HUMAN SERVICES</td>
<td>Disabilities Attitude Survey of Iowa State University Students</td>
<td>ANDERSON, DIANNE</td>
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<td>400-72-13</td>
<td>$5,000</td>
<td>AMERICAN CHEMICAL SOCIETY</td>
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<td>KESSLER, MICHAEL</td>
<td>MATERIALS SCIENCE &amp; ENGINEERING</td>
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<td>$5,000</td>
<td>IOWA CORN PROMOTION BOARD</td>
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<td>JOHNSON, LAWRENCE</td>
<td>FOOD SCIENCE &amp; HUMAN NUTRITION</td>
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<td>400-42-15</td>
<td>$4,525</td>
<td>NATIONAL FLUID POWER ASSOCIATION</td>
<td>Distributed Sensing and Control of Hydraulic Circuits</td>
<td>DARR, MATTHEW</td>
<td>AGRICULTURAL &amp; BIOSYSTEMS ENGINEERING-CALS</td>
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<td>432-57-21</td>
<td>$3,998</td>
<td>DEPARTMENT OF EDUCATION</td>
<td>National Science and Mathematics Access to Retain Talent (SMART) Grant, FY08</td>
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April 01 - 30, 2008

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$3,500 UNIVERSITY OF IOWA
AGEP: Iowa Alliance for Graduate Education and the Professoriate
9/1/07 to 8/31/08 INSTRUCTION/TRAINING
JACKSON, GEORGE A GRADUATE COLLEGE-PROV

$3,000 ECOLOGICAL SOCIETY OF AMERICA
Turtle Camp Research and Education in Ecology Program 2008
5/1/08 to 4/30/09 INSTRUCTION/TRAINING
JANZEN, FREDRIC ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-CALS

$2,700 YOUTH AND SHELTER SERVICES
Local Support for Iowa AmeriCorps State of Promise Program
9/1/07 to 8/31/08 EXTENSION/PUBLIC
BROSHAR, DONNIE 4H YOUTH DEVELOPMENT

$2,677 LUTHERAN SERVICES OF IOWA
Local Support for Iowa AmeriCorps State of Promise Program
9/1/07 to 8/31/08 EXTENSION/PUBLIC
BROSHAR, DONNIE 4H YOUTH DEVELOPMENT

$2,500 AMERICAN EDUCATION RESEARCH ASSOCIATION
Statistical Methods for Utilizing Auxiliary Data in Educational Surveys
8/16/07 to 8/15/08 RESEARCH
LARSEN, MICHAEL STATISTICS

$2,500 HONOR SOCIETY OF PHI KAPPA PHI
Raising Readers in Story County
7/31/08 to 6/1/09 EXTENSION/PUBLIC
FLETCHER, CYNTHIA HUMAN DEVELOPMENT & FAMILY STUDIES-HS
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<th>Grant Number</th>
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<td>DEPARTMENT OF ARMY</td>
<td>Vegetation Management Strategies in a Military Context</td>
<td>2/27/08</td>
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<td>UNION OF CONCERNED SCIENTISTS</td>
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<td>$1,750</td>
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<td>5/31/08</td>
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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$921   CITY OF DE SOTO
       Phase 1 Archaeological Survey for New Water Tower

3/17/08 to 6/30/08   EXTENSION/PUBLIC
HILL, MATTHEW J     ANTHROPOLOGY-LAS