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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$1,025,000 DEPARTMENT OF AGRICULTURE
Agricultural Marketing Resource Center
10/5/07 to 10/4/08 EXTENSION/PUBLIC
HOLZ-CLAUSE, MARY S VALUE ADDED AGRICULTURE
HOFSTRAND, DONALD M EXTENSION TO AGRICULTURE

$885,084 DEPARTMENT OF ENERGY
Operating and Management Support for the Ames Laboratory
1/1/07 to 12/31/07 RESEARCH
GOLDMAN, ALAN I AMES LABORATORY

$851,075 DEPARTMENT OF COMMERCE
Iowa Center for Industrial Research and Service
7/1/07 to 12/15/07 EXTENSION/PUBLIC
COX, RONALD A CENTER FOR INDUSTRIAL RESEARCH & SERVICE

$682,500 NORTHWEST AREA FOUNDATION
Horizons Community Implementation Project, Phase 3
9/1/07 to 9/30/08 EXTENSION/PUBLIC
STOUT, JANEANN EXTENSION TO FAMILIES
CO-PI ALLEN, BEVERLYN L SOCIOLOGY
CO-PI FLETCHER, CYNTHIA N HUMAN DEVELOPMENT & FAMILY STUDIES

$597,741 IOWA DEPARTMENT OF HUMAN SERVICES
Iowa Food Stamp Nutrition Education Program
10/1/07 to 9/30/08 EXTENSION/PUBLIC
MARTIN, PEGGY A EXTENSION TO FAMILIES
CO-PI GREVING, JOYCE A EXTENSION TO FAMILIES

$576,113 NATIONAL INSTITUTE ON DRUG ABUSE
Rural and Family Community Drug Abuse Prevention Project
9/1/07 to 8/31/08 RESEARCH
SPOTH, RICHARD L INSTITUTE FOR SOCIAL & BEHAVIORAL RESEARCH
REDMOND, CLEVE R INSTITUTE FOR SOCIAL & BEHAVIORAL RESEARCH
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$576,113  NATIONAL INSTITUTE ON DRUG ABUSE
Rural and Family Community Drug Abuse Prevention Project
9/1/07  to  8/31/08  RESEARCH
SHIN, CHUNGYEOL  INSTITUTE FOR SOCIAL & BEHAVIORAL RESEARCH

$538,252  DEPARTMENT OF AGRICULTURE
Research Support Agreement
10/1/07  to  9/30/08  RESEARCH
LAMKEY, KENDALL R  AGRONOMY

$500,000  DEPARTMENT OF AGRICULTURE
Stewardship in the Bioeconomy: An Iowa Market-Based Model
9/18/07  to  9/17/10  EXTENSION/PUBLIC
DEWITT, JERALD R  ENTOMOLOGY
AL-KAISI, MAHDI M  AGRONOMY
DUFFY, MICHAEL D  ECONOMICS
HELMERS, MATTHEW J  AGRICULTURAL & BIOSYSTEMS ENGINEERING
HANNA, H MARK  AGRICULTURAL & BIOSYSTEMS ENGINEERING
LASLEY, ROBERT P  SOCIOLOGY

$500,000  DEPARTMENT OF ENERGY
Fast Pyrolysis Process Development Unit for Validating Bench Scale Data
10/1/07  to  9/30/08  RESEARCH
BROWN, ROBERT C  MECHANICAL ENGINEERING
SATRIO, JUSTINUS  CENTER FOR SUSTAINABLE ENVIRONMENTAL TECHNOLOGY

$431,413  FEDERAL HIGHWAY ADMINISTRATION
Phase 2 National Training for Integrated Materials and Construction Practices in Concrete Pavements
10/11/07  to  10/10/08  RESEARCH
CACKLER, E THOMAS  CENTER FOR TRANSPORTATION RESEARCH & EDUCATION
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$401,381 BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC.
VCA: A Two Component AC/DS Platform for Reverse and Forward Genetic Analysis in Maize

5/1/05 to 4/30/08 RESEARCH
VOLLBRECHT, ERIK W
BRENDL, VOLKER

CO-PI GENETICS, DEVELOPMENT & CELL BIOLOGY

$400,000 NATIONAL SCIENCE FOUNDATION
Enabling Petascale Applications in the Chemical Sciences

10/1/07 to 9/30/08 RESEARCH
GORDON, MARK S
LAMM, MONICA H
SOSONKINA, MASHA
WINDUS, THERESA L

CO-PI CHEMISTRY
CO-PI CHEMICAL & BIOLOGICAL ENGINEERING
CO-PI COMPUTER SCIENCE
CO-PI CHEMISTRY

$372,367 DEPARTMENT OF EDUCATION
Pell Grant, FY08

7/1/07 to 6/30/08 STUDENT FINANCIAL AID
JOHNSON, ROBERTA L

VICE PRESIDENT FOR STUDENT AFFAIRS

$337,333 DEPARTMENT OF EDUCATION
Iowa State University Trio Educational Talent Search

9/1/07 to 8/31/08 INSTRUCTION/TRAINING
AGYEMAN, JANE O

VICE PRESIDENT FOR STUDENT AFFAIRS

$324,914 UNIVERSITY OF CALIFORNIA
ENAM Africa: Enhancing Child Nutrition Through Animal Source Food Management

10/1/07 to 9/30/08 RESEARCH
MARQUIS, GRACE S
BUTLER, LORNA M
JENSEN, HELEN H
REDDY, MANJU B
COLE craft, ESI
LONERGAN, ELISABETH J

CO-PI FOOD SCIENCE & HUMAN NUTRITION
CO-PI SOCIOLOGY
CO-PI ECONOMICS
CO-PI FOOD SCIENCE & HUMAN NUTRITION
CO-PI FOOD SCIENCE & HUMAN NUTRITION
CO-PI ANIMAL SCIENCE
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$320,066 NATIONAL INSTITUTES OF HEALTH
Characterization of a Complex Regulatory Element of Spinal Muscular Atrophy Genes
7/1/07 to 6/30/08 RESEARCH
SINGH, RAVINDRA
BIOMEDICAL SCIENCES

$299,999 FEDERAL HIGHWAY ADMINISTRATION
Evaluation of Speed Activated Displays on Curves
9/4/07 to 7/3/11 RESEARCH
HALLMARK, SHAUNA L
SMADI, OMAR G
CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING

$284,000 POET
Enzyme Hydrolysis of Uncooked Dry-Grind Corn for Ethanol Production
10/15/07 to 9/30/08 RESEARCH
JANE, JAY-LIN
HURBURGH, CHARLES R
POMETTO, ANTHONY
JOHNSON, LAWRENCE A
KOZIEL, JACEK A
FOOD SCIENCE & HUMAN NUTRITION
AGRICULTURAL & BIOSYSTEMS ENGINEERING

$282,479 DEPARTMENT OF AGRICULTURE, APHIS
Biological Exposure Assessment and Risk Management: A Rapid Decision Making Tool
9/29/07 to 9/28/08 RESEARCH
HURD, HOWARD S
TRAMPEL, DARRELL W
ROTH, JAMES A
BICKETT-WEDDLE, DANIELLE
BROWN, GAYLE
VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE
VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE
VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE
CENTER FOR FOOD SECURITY & PUBLIC HEALTH

$267,325 IOWA STATE UNIVERSITY RESEARCH FOUNDATION
Patent Royalties
9/17/02 to 9/30/10 DEPT/ADMIN SUPPORT
THOMSON, JOHN
VETERINARY ADMINISTRATION
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$265,162  IOWA STATE UNIVERSITY RESEARCH FOUNDATION
2007 ISURF Royalties
7/1/92 to 12/31/99 RESEARCH
WINTERSTEEN, WENDY AGRICULTURE ADMINISTRATION

$251,362  NATIONAL INSTITUTES OF HEALTH
Modeling Ribosomal Control, Function and Assembly
9/1/07 to 8/31/08 RESEARCH
JERNIGAN, ROBERT L BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY
CULVER, GLORIA BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY

$250,000  NATIONAL ACADEMIES
SHRP II R02 Geotechnical Solutions for Transportation Infrastructure
9/25/07 to 9/24/11 RESEARCH
SCHAEFER, VERNON R CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING
WHITE, DAVID J CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING
CACKLER, E THOMAS CENTER FOR TRANSPORTATION RESEARCH & EDUCATION

$247,945  NATIONAL INSTITUTES OF HEALTH
Tracking Stem Cells with Imagetags
8/1/07 to 7/31/08 RESEARCH
NILSEN-HAMILTON, MARIT BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY

$225,000  DIRECT VAPOR TECHNOLOGIES INTERNATIONAL
Novel Bonda Coat and Thermal Coating for High-Temperature Naval Gas Turbine
5/1/06 to 4/30/08 RESEARCH
GLEESON, BRIAN MATERIALS SCIENCE & ENGINEERING

$218,733  SOUTH DAKOTA STATE UNIVERSITY
GEPR: Functional Genomics of Bud Endodormancy Induction in Grapevine
9/1/06 to 8/31/08 RESEARCH
DICKERSON, JULIE A ELECTRICAL & COMPUTER ENGINEERING
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$211,070 UNIVERSITY OF CALIFORNIA - BERKELEY
Genetic Mechanisms Regulating Inflorescence Architecture in Maize and Related Cereals
8/1/06 to 7/31/08 RESEARCH
VOLLBRECHT, ERIK W GENETICS, DEVELOPMENT & CELL BIOLOGY
BRENDEL, VOLKER GENETICS, DEVELOPMENT & CELL BIOLOGY

$210,732 IOWA DEPARTMENT OF EDUCATION
Iowa's Reading First Program State Evaluation
7/1/07 to 6/30/08 RESEARCH
PHYE, GARY D CURRICULUM & INSTRUCTION
DE LA MORA, ARLENE CURRICULUM & INSTRUCTION

$206,718 DEPARTMENT OF AGRICULTURE
Research Support Agreement
10/1/07 to 9/30/08 RESEARCH
LAMKEY, KENDALL R AGRONOMY

$180,000 PIONEER HI-BRED INTERNATIONAL, INC
Identification of Metabolic Control Points in Seeds
10/8/07 to 10/8/10 RESEARCH
SHANKS, JACQUELINE V CHEMICAL & BIOLOGICAL ENGINEERING

$177,492 PIONEER HI-BRED INTERNATIONAL, INC
Partnering Integrated Pest Management and Insect Resistance Management
9/5/07 to 12/31/10 RESEARCH
RICE, MARLIN E ENTOMOLOGY

$171,455 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
Electromagnetic Nondestructive Evaluation of Wire Insulation and Models of Insulation Material Properties
9/12/07 to 9/11/10 RESEARCH
BOWLER, NICOLA MATERIALS SCIENCE & ENGINEERING
KESSLER, MICHAEL R MATERIALS SCIENCE & ENGINEERING
I I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$170,732  DEPARTMENT OF AGRICULTURE
Conservation Effects Assessment Project Database Development and Deployment
9/26/07 to 12/31/09  RESEARCH
KANE, KEVIN L  INFORMATION TECHNOLOGY SERVICES

$170,508  DEPARTMENT OF EDUCATION
Chemical Transformations of Biomass: A New Direction in Graduate Education
8/15/07 to 8/14/08  FELLOWSHIP
PETRICH, JACOB W  CHEMISTRY

$167,055  KANSAS STATE UNIVERSITY
Reprogramming Host Transcription: Function and Diversity of the Transcription Activation-Like Type III Effectors in Disease
7/1/07 to 6/30/10  RESEARCH
YANG, BING  GENETICS, DEVELOPMENT & CELL BIOLOGY

$156,258  DEPARTMENT OF AGRICULTURE, FAS
FY 07/08 Serbia and Montenegro SPS Technical Assistance
8/31/05 to 12/30/08  INSTRUCTION/TRAINING
UHLENHOPP, ELDON K  VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE

$153,840  DEPARTMENT OF AGRICULTURE
Research Support Agreement
10/1/07 to 9/30/08  RESEARCH
HOGBERG, MAYNARD G  ANIMAL SCIENCE

$142,560  GOVERNORS TRAFFIC SAFETY BUREAU
Iowa Traffic Safety Data Service FY 2008
10/1/07 to 9/30/08  RESEARCH
SOULEYRETTE, REGINALD  CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING
HANS, ZACHARY N  CENTER FOR TRANSPORTATION RESEARCH & EDUCATION
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$135,039 DEPARTMENT OF EDUCATION
CCAMPIS: Child Care Access Means Parents in School Program
10/1/07 to 9/30/08 INSTRUCTION/TRAINING
ESPINOZA, CARLA HUMAN RESOURCE SERVICES
HAGEN, JULIA A HUMAN RESOURCE SERVICES

$129,500 DEPARTMENT OF AGRICULTURE
Biobased Product Testing and Evaluation for BioPreferred
10/1/07 to 9/30/08 EXTENSION/PUBLIC
DEVLIN, STEVEN L CENTER FOR INDUSTRIAL RESEARCH & SERVICE
COX, RONALD A CENTER FOR INDUSTRIAL RESEARCH & SERVICE

$115,000 SEMICONDUCTOR RESEARCH CORPORATION
Plasma Equipment and Process Modeling
11/1/05 to 10/31/08 RESEARCH
KUSHNER, MARK J ELECTRICAL & COMPUTER ENGINEERING

$114,000 DEERE & COMPANY
Development Slope Insensitive Cleaning Shoe System
10/1/06 to 9/30/08 RESEARCH
BIRRELL, STUART J AGRICULTURAL & BIOSYSTEMS ENGINEERING
MORRIS, MAX D STATISTICS

$111,860 TEXAS TECH UNIVERSITY
Simulation of Electronic Non-Adiabatic Dynamics for Reactions with Organic Macromolecules, Liquids and Surfaces
9/15/07 to 8/31/08 RESEARCH
WINDUS, THERESA L CHEMISTRY

$102,600 NATIONAL SCIENCE FOUNDATION
Parallel Accelerated Cartesian Expansion: A Holistic Approach for Computing Long and Short Range Interactions
10/1/07 to 9/30/10 RESEARCH
ALURU, SRINIVAS ELECTRICAL & COMPUTER ENGINEERING
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$101,949  NATIONAL PORK BOARD
Identification of Biological Factors Responsible for Differences in Feed Efficiency Between Selection Lines for Residual Feed Intake
12/1/07 to 12/1/08  RESEARCH
DEKKERS, JACK C  ANIMAL SCIENCE
JOHNSON, ANNA K  ANIMAL SCIENCE
SPURLOCK, MICHAEL E  FOOD SCIENCE & HUMAN NUTRITION
TUGGLE, CHRIS K  ANIMAL SCIENCE
LONERGAN, STEVEN M  ANIMAL SCIENCE
LONERGAN, ELISABETH J  ANIMAL SCIENCE
ANDERSON, LLOYD L  ANIMAL SCIENCE

$100,000  DEPARTMENT OF AGRICULTURE, APHIS
Risk and Benefit Analysis for Genetically Modified Agricultural Products
9/27/07 to 9/26/08  RESEARCH
MISRA, MANJIT K  BIOSAFETY INSTITUTE FOR GENETICALLY MODIFIED AGRICULTURAL PRODUCTS

$100,000  IOWA SOYBEAN ASSOCIATION
How Does Low Iron Status Affect DHA Levels in Indian Pregnant Women? Implications on Pregnancy Outcome
7/1/07 to 9/30/07  RESEARCH
REDDY, MANJU B  FOOD SCIENCE & HUMAN NUTRITION
ALEKEL, D LEE  FOOD SCIENCE & HUMAN NUTRITION

$94,995  NATIONAL SCIENCE FOUNDATION
Development of New Multiscale Models for the Solution of Intermediate Regimes in Kinetic Theory and Related Fields
9/1/07 to 8/31/10  RESEARCH
TIDRIRI, MOULAY D  MATHEMATICS

$90,000  DEPARTMENT OF ENERGY
A Fast Topological Trigger for Real Time Analysis of Nanosecond Time Scale Phenomena: Opening the Gamma Ray Window to Our Universe
9/1/07 to 8/31/08  RESEARCH
KRENNRICH, FRANK  PHYSICS & ASTRONOMY
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$85,000 DEPARTMENT OF VETERANS AFFAIRS
Treatment of Visual Loss in Glaucoma and Ischemia with Neurotrophic Growth Factors

10/1/07 to 9/30/08 RESEARCH
GROZDANIC, SINISA VETERINARY CLINICAL SCIENCES
SAKAGUCHI, DONALD S GENETICS, DEVELOPMENT & CELL BIOLOGY

$85,000 IOWA GOVERNORS TRAFFIC SAFETY BUREAU
Youth Alcohol Prevention Education

10/1/07 to 9/30/08 EXTENSION/PUBLIC
STEWART, JERRY D PUBLIC SAFETY

$81,784 WINNESHIEK COUNTY AGRICULTURAL EXTENSION DISTRICT
Northeast Iowa Food and Fitness Initiative

4/1/07 to 3/31/08 EXTENSION/PUBLIC
SCHRANDT-PROUTY, MARY EXTENSION TO FAMILIES
RANUM, BRENDA M EXTENSION TO FAMILIES

$81,736 DEPARTMENT OF VETERANS AFFAIRS
Treatment of Visual Loss in Glaucoma and Ischemia with Neurotrophic Growth Factors

10/1/07 to 9/30/08 RESEARCH
GROZDANIC, SINISA VETERINARY CLINICAL SCIENCES
SAKAGUCHI, DONALD S GENETICS, DEVELOPMENT & CELL BIOLOGY

$81,109 UNIVERSITY OF KANSAS
Chemical Methodologies and Library Development

9/1/07 to 8/31/08 RESEARCH
LAROCK, RICHARD C CHEMISTRY

$78,224 INFOSCITEX CORPORATION
Advanced Thermal Conversion of Waste/Biomass for Forward Units Energy Production/Conversion

9/28/06 to 9/27/08 RESEARCH
SATRIO, JUSTINUS A CENTER FOR SUSTAINABLE ENVIRONMENTAL TECHNOLOGIES
SADAKA, SAMY S CENTER FOR SUSTAINABLE ENVIRONMENTAL TECHNOLOGIES
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$78,224 INFOSCITEX CORPORATION
Advanced Thermal Conversion of Waste/Biomass for Forward Units Energy Production/Conversion
9/28/06 to 9/27/08 RESEARCH
CO-PI BROWN, ROBERT C MECHANICAL ENGINEERING

$75,600 DEPARTMENT OF AGRICULTURE
Research Support Agreement
10/1/07 to 9/30/08 RESEARCH
HOGBERG, MAYNARD G ANIMAL SCIENCE

$74,999 NATIONAL SCIENCE FOUNDATION
SGER: Modeling of Deformation Under Grasping
9/1/07 to 8/31/08 RESEARCH
JIA, YAN-BIN COMPUTER SCIENCE

$70,828 ALASKA UNIVERSITY
Seismic Design of Deep Bridge Pier Foundations in Frozen Ground
8/3/07 to 6/30/08 RESEARCH
SRITHARAN, SIVALINGAM CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING

$67,600 DEPARTMENT OF AGRICULTURE, FAS
Bulgaria Rural Credit Program
10/12/06 to 10/11/11 INSTRUCTION/TRAINING
BJELLAND, DENISE M GLOBAL AGRICULTURE PROGRAMS

$63,353 AIR FORCE OFFICE OF SCIENTIFIC RESEARCH
Virtual Teleoperation for Unmanned Aerial Vehicles
4/1/07 to 4/30/09 RESEARCH
OLIVER, JAMES H MECHANICAL ENGINEERING
WINER, ELIOT H MECHANICAL ENGINEERING
PARKHURST, DERRICK J PSYCHOLOGY
STOYTCHEV, ALEXANDER COMPUTER SCIENCE
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$62,810 UNIVERSITY OF MINNESOTA
Answerline Services for Minnesota Extension Clients
7/1/07 to 6/30/09 EXTENSION/PUBLIC
Co-Pi WARNING, JEANNE M EXTENSION TO FAMILIES
Co-Pi BEAVERS, EVELYN J EXTENSION TO FAMILIES

$60,363 UNIVERSITY OF ILLINOIS
The Sudden Death Syndrome Research Alliance
3/1/07 to 2/29/08 RESEARCH
Co-Pi BHATTACHARYYA, MADAN K AGRONOMY
Co-Pi CIANZIO, SILVIA R AGRONOMY
Co-Pi LEANDRO, LEONOR PLANT PATHOLOGY

$55,000 IOWA SOYBEAN ASSOCIATION
Aspects of Integrated Management for Viruses and Phomopsis Infection in Soybean
10/1/07 to 9/30/08 RESEARCH
Co-Pi MUNKVOLD, GARY P PLANT PATHOLOGY
Co-Pi HILL, JOHN H PLANT PATHOLOGY
Co-Pi PEDERSEN, PALLE AGRONOMY
Co-Pi ROBERTSON, ALISON PLANT PATHOLOGY
Co-Pi ONEAL, MATTHEW ENTOMOLOGY

$54,402 MICHIGAN STATE UNIVERSITY
A High Fidelity Model for Numerical Simulations of Complex Combustion and Propulsion Systems
1/4/08 to 1/3/09 RESEARCH
Co-Pi SHIH, TOM I-PING AEROSPACE ENGINEERING
Co-Pi DURBIN, PAUL AEROSPACE ENGINEERING

$54,000 MORRIS ANIMAL FOUNDATION
Are Foal Dendritic Cells Effective Promoters of a T Helper 1 Response?
9/1/07 to 8/31/08 RESEARCH
Co-Pi SPONSELLER, BRETT A VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE
Co-Pi JONES, DOUGLAS E VETERINARY PATHOLOGY
## II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

<table>
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<th>Amount</th>
<th>Description</th>
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<th>Co-Investigator(s)</th>
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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$41,000 IOWA DEPARTMENT OF PUBLIC HEALTH
West Nile Virus Surveillance
1/1/07 to 12/31/07 RESEARCH
BARTHOLOMAY, LYRIC
ENTOMOLOGY

$40,000 KIRKWOOD COMMUNITY COLLEGE
Evaluation of Agrowknowledge
7/1/07 to 6/30/08 RESEARCH
KEMIS, MARI R
RESEARCH INSTITUTE FOR STUDIES IN EDUCATION
ANDERSON, MARY JO
RESEARCH INSTITUTE FOR STUDIES IN EDUCATION

$39,672 ENVIRONMENTAL PROTECTION AGENCY
Use of Plant Essential Oils as Seed Treatments
2/1/08 to 1/31/09 EXTENSION/PUBLIC
GOGGI, SUSANA A
AGRONOMY
MUNKVOLD, GARY P
PLANT PATHOLOGY
EXNER, DERRICK N
AGRONOMY

$37,500 IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC
Water Solubilization of Lignocellulosics
9/26/07 to 9/30/09 RESEARCH
VERKADE, JOHN
CHEMISTRY

$36,008 IOWA SOYBEAN ASSOCIATION
Releasing Binodoxys Communis for Soybean Aphid Suppression: Delivering on the Promise
10/1/07 to 9/30/08 RESEARCH
ONEAL, MATTHEW E
ENTOMOLOGY

$36,000 DEPARTMENT OF AGRICULTURE, APHIS
Use of Five Color Cytometry in Detecting Subsets of Peripheral Lymphocytes in Cattle Exposed to Mycobacterium Bovis or to Mycobacterium Avium SS Paratuberculosis: A Field Study
9/1/07 to 12/31/07 RESEARCH
THOEN, CHARLES O
VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE
October 01 - 31, 2007

I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$35,185 JOHN DEERE WATERLOO WORKS
A Rapid Manufacturing System for Replacement Parts
10/31/06 to 5/31/07 RESEARCH
FRANK, MATTHEW C
INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING

$35,185 DEERE AND COMPANY
Machining of Replacement Parts Using Rapid Prototyping
6/1/07 to 12/30/07 RESEARCH
FRANK, MATTHEW C
INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING

$34,563 DEPARTMENT OF AGRICULTURE
Research Support Agreement
10/1/07 to 9/30/08 RESEARCH
NOLAN, LISA
VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE

$32,618 DES MOINES AREA COMMUNITY COLLEGE
Des Moines Area Community College Firsts
11/13/06 to 6/30/08 INSTRUCTION/TRAINING
EBBERS, LARRY H
EDUCATIONAL LEADERSHIP & POLICY STUDIES

$31,400 DEPARTMENT OF AGRICULTURE, ARS
Research Support Agreement
10/1/07 to 9/30/08 RESEARCH
LAMKEY, KENDALL R
AGRONOMY

$30,000 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
Guidance, Navigation, and Control for a Precision Landing System for Small Payloads
9/1/07 to 8/31/08 FELLOWSHIP
LU, PING
AEROSPACE ENGINEERING
<table>
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<th>Grant No.</th>
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<td>404-20-33</td>
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<td>1. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT</td>
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<td>$30,000 AGILTRON, INC</td>
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<td>404-20-33</td>
<td>Infrared Fiber for Conversion and Routing</td>
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<td>MARTIN, STEVE W MATERIALS SCIENCE &amp; ENGINEERING</td>
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<td>Aphid-Crop Interactions</td>
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<td>404-20-33</td>
<td>$30,000 NATIONAL PORK BOARD</td>
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<td>Evaluation of the Effectiveness of the Iowa State University Community Assessment Model in the Siting of Swine Production Units</td>
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<td>HARMON, JAY D HARMON, JAY D AGRICULTURAL &amp; BIOSYSTEMS ENGINEERING</td>
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<td>$29,700 DEPARTMENT OF AGRICULTURE</td>
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<td>CO-PI BJELLAND, DENISE M BJELLAND, DENISE M GLOBAL AGRICULTURE PROGRAMS</td>
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<td>$27,663 UNIVERSITY OF NORTH CAROLINA, GREENSBORO</td>
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<td>Collaborative Development of Global Fiber, Fabric and Related Products Industry Based Problem-Solving Modules for Undergraduate Curricula</td>
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<td>8/1/07 to 7/31/08 RESEARCH</td>
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<td>KARPOVA, ELENA E KARPOVA, ELENA E APPAREL, EDUCATIONAL STUDIES &amp; HOSPITALITY MANAGEMENT</td>
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## II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

### $27,000
**LEOPOLD BROWN TRUST**

- **Brown Trust**
- **RAJAN, CHITRA**, VICE PRESIDENT FOR RESEARCH & ECONOMIC DEVELOPMENT
- **SCHOLARSHIP**
- **6/1/07 to 12/31/09**

### $26,663
**BROWN UNIVERSITY**

- **Demographic and Hormonal Profiles of Reproductive Decline in Perimenopause**
- **9/30/06 to 8/31/08**
- **BRONIKOWSKI, ANNE**, ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY

### $26,193
**ENVIROTECH SYSTEMS, INC**

- **Preliminary Assessment of the SGBR for Livestock Truck Wash Wastewater Treatment**
- **9/24/07 to 3/24/08**
- **ELLIS, TIMOTHY G**, CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING

### $25,614
**DEPARTMENT OF EDUCATION**

- **North American Indigenous Community-- Building Outreach and Understanding**
- **9/1/07 to 8/31/08**
- **PAYNE, JACK M**, EXTENSION ADMINISTRATION
- **HANSEN, DAVID E**, VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE

### $25,300
**HARVARD UNIVERSITY (SMITHSONIAN ASTROPHYSICAL OBSERVATORY)**

- **VERITAS - Particle Astrophysics**
- **7/1/00 to 4/30/08**
- **KRENNRICH, FRANK**, PHYSICS & ASTRONOMY

### $25,000
**UNIVERSITY OF OREGON**

- **Development of a New Concept Detector**
- **9/1/05 to 8/31/08**
- **HAUPTMAN, JOHN M**, PHYSICS & ASTRONOMY
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$24,969  MICHIGAN STATE UNIVERSITY
Base Extension Programming - FY 2008
9/1/07 to 8/31/08 EXTENSION/PUBLIC
MORRIS, JOSEPH E  NATURAL RESOURCE ECOLOGY & MANAGEMENT

$24,061  DEPARTMENT OF EDUCATION
Academic Competitiveness Grant, FY08
7/1/07 to 6/30/08 STUDENT FINANCIAL AID
JOHNSON, ROBERTA L  VICE PRESIDENT FOR STUDENT AFFAIRS

$23,650  GOVERNORS TRAFFIC SAFETY BUREAU
Governor's Traffic Safety Bureau Alcohol and Traffic Enforcement
10/1/07 to 9/30/08 EXTENSION/PUBLIC
STEWART, JERRY D  PUBLIC SAFETY

$21,000  NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
Exploration Systems Mission Directorate Higher Education
4/1/05 to 3/31/10 RESEARCH
BYRD, WILLIAM J  AEROSPACE ENGINEERING

$20,129  MORRIS ANIMAL FOUNDATION
Brucella-Caused Abortion and Parturition Sites/Ranges of Elk Across Winter Feeding Habits
9/1/07 to 8/31/08 RESEARCH
FAIRBANKS, WENDELYN S  NATURAL RESOURCE ECOLOGY & MANAGEMENT

$20,000  PC KRAUSE AND ASSOCIATES, INC
Optimization of Stator Tooth Geometry and Magnetic Properties for Enhanced Torque Production in Aircraft Generators
8/1/07 to 12/2/07 RESEARCH
ALIPRANTIS, DIONYSIOS  ELECTRICAL & COMPUTER ENGINEERING
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<th>Institution</th>
<th>Principal Investigator(s)</th>
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<th>Start Date</th>
<th>End Date</th>
<th>Co-Principal Investigator(s)</th>
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<td>$20,000</td>
<td>DEERE &amp; COMPANY</td>
<td>STOYTCHEV, ALEXANDER T</td>
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<td>9/1/07</td>
<td>12/31/07</td>
<td>ELECTRICAL &amp; COMPUTER ENGINEERING</td>
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<td>$20,000</td>
<td>IOWA SOYBEAN ASSOCIATION</td>
<td>REDDY, MANJU B, ALEKEL, D LEE</td>
<td>How Does Low Iron Status Affect DHA Levels in Indian Pregnant Women? Implications on Pregnancy Outcome</td>
<td>10/1/07</td>
<td>8/30/08</td>
<td>FOOD SCIENCE &amp; HUMAN NUTRITION</td>
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<td>JOHNSON, ROBERTA L</td>
<td>National Science and Mathematics Access to Retain Talent (SMART) Grant, FY08</td>
<td>7/1/07</td>
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<td>VICE PRESIDENT FOR STUDENT AFFAIRS</td>
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<td>$18,000</td>
<td>BIOTRONICS, INC</td>
<td>BAAS, THOMAS J</td>
<td>Enhancing Pork Quality and Value Using Live Animal Ultrasound Technology for Better Breeding and Marketing Decisions</td>
<td>9/1/07</td>
<td>6/30/09</td>
<td>ANIMAL SCIENCE</td>
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<td>PHYE, GARY D, DE LA MORA, ARLENE</td>
<td>Teacher Development Academy Website Project</td>
<td>7/1/07</td>
<td>12/31/07</td>
<td>CURRICULUM &amp; INSTRUCTION</td>
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<td>DOW AGROSCIENCES</td>
<td>MOORE, KENNETH J</td>
<td>Cool Season Grass Legume Study</td>
<td>7/1/07</td>
<td>6/30/10</td>
<td>AGRONOMY</td>
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I I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$17,500 USEFUL BIAS, INC
Technologies for Developing Predictive Atomistic and Course-Grained Force Fields for Tonic Liquid Property Prediction
9/1/07 to 5/31/08 RESEARCH
GORDON, MARK S CHEMISTRY

$17,400 DEPARTMENT OF AGRICULTURE
Research Support Agreement
10/1/07 to 9/30/08 RESEARCH
LAMKEY, KENDALL R AGRONOMY

$16,179 POLK COUNTY AGRICULTURAL EXTENSION DISTRICT
Polk County Adolescent Pregnancy Prevention
7/16/07 to 6/30/08 EXTENSION/PUBLIC
PETERTON, MARC J 4H YOUTH DEVELOPMENT

$16,111 DEPARTMENT OF AGRICULTURE
Research Support Agreement
10/1/07 to 9/30/08 RESEARCH
COATS, JOEL R ENTOMOLOGY

$15,454 IOWA PORK PRODUCERS ASSOCIATION
Selection Lines to Enhance Genetic Selection for Feed Efficiency
12/1/07 to 12/1/08 RESEARCH
DEKKERS, JACK C ANIMAL SCIENCE
BAAS, THOMAS J ANIMAL SCIENCE

$15,435 PIONEER HI-BRED INTERNATIONAL, INC
A Pilot to Explore GRAS Status Determination of Foods from Nutritionally Modified GM Crops
10/1/07 to 10/1/08 RESEARCH
WOLT, JEFFREY D AGRONOMY
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$15,140  IOWA EGG COUNCIL  400-23-23
Understanding Gallibacterium-Associated Peritonitis in the Commercial Egg Laying Industry
10/1/07 to 6/30/08  RESEARCH
NOLAN, LISA  VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE

$15,000  DEPARTMENT OF AGRICULTURE  412-45-22
Use of Bedded Hoop Structures as an Alternative Swine Housing System to Improve Environmental Soundness and Sustainability of Water Resources
8/2/04 to 7/31/09  RESEARCH
HARMON, JAY D  AGRICULTURAL & BIOSYSTEMS ENGINEERING
CO-PI XIN, HONGWEI  AGRICULTURAL & BIOSYSTEMS ENGINEERING

$15,000  IOWA BEEF INDUSTRY COUNCIL  400-41-24
Effect of Feeding Ethanol By-Products on Marbling and Fatty Acid Composition of Beef
10/1/06 to 9/30/07  RESEARCH
BEITZ, DONALD C  ANIMAL SCIENCE
TRENKLE, ALLEN H  ANIMAL SCIENCE
CO-PI SPURLOCK, MICHAEL E  FOOD SCIENCE & HUMAN NUTRITION
CO-PI SCHOONMAKER, JON P  ANIMAL SCIENCE

$15,000  IOWA TURKEY FEDERATION  400-40-64
Determining Ammonia and Particulate Matter Emissions from Midwest Turkey Houses
5/1/07 to 12/31/09  RESEARCH
XIN, HONGWEI  AGRICULTURAL & BIOSYSTEMS ENGINEERING
CO-PI BURNS, ROBERT T  AGRICULTURAL & BIOSYSTEMS ENGINEERING
CO-PI HARMON, JAY D  AGRICULTURAL & BIOSYSTEMS ENGINEERING
CO-PI HOFF, STEVEN J  AGRICULTURAL & BIOSYSTEMS ENGINEERING

$15,000  DEPARTMENT OF AGRICULTURE, ARS  419-41-50
Research Support Agreement
10/1/07 to 9/30/08  RESEARCH
LAMKEY, KENDALL R  AGRONOMY
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$15,000  DEPARTMENT OF AGRICULTURE, ARS
Research Support Agreement
10/1/07  to  9/30/08  RESEARCH
LAMKEY, KENDALL R  AGRONOMY

$14,969  POLK COUNTY AGRICULTURAL EXTENSION DISTRICT
After School Girls Program
9/1/07  to  6/30/08  EXTENSION/PUBLIC
PETERSON, MARC J  4H YOUTH DEVELOPMENT

$14,000  NATIONAL INSTITUTE ON MEDIA AND THE FAMILY
Switch Program Data Analysis and Reporting
8/1/07  to  6/30/08  RESEARCH
GENTILE, DOUGLAS A  PSYCHOLOGY

$12,372  CROHNS & COLITIS FOUNDATION OF AMERICA
Microbial Perturbation of Mucosal Homeostasis: Predisposition to Colitis
7/1/07  to  6/30/08  RESEARCH
WANNEMUEHLER, MICHAEL  VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE
JERGENS, ALBERT E  VETERINARY CLINICAL SCIENCES

$12,150  DEPARTMENT OF AGRICULTURE
Research Support Agreement
10/1/07  to  9/30/08  RESEARCH
HOGBERG, MAYNARD G  ANIMAL SCIENCE

$11,678  MICHIGAN STATE UNIVERSITY
Management of Snails for Grub Control
9/1/07  to  8/31/08  EXTENSION/PUBLIC
MORRIS, JOSEPH E  NATURAL RESOURCE ECOLOGY & MANAGEMENT
CLAYTON, RICHARD D  NATURAL RESOURCE ECOLOGY & MANAGEMENT
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

1. Contribution of Modeling in a Multi-Disciplinary Approach to Manage Coexistence Between GM and Non-GM Maize
   - Grant Amount: $11,659
   - Grantee: L'INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE
   - Description: Cochran Program for International Agricultural Understanding of Midwestern Agriculture, Food and Nutrition Training
   - Principal Investigator: Corinne Langinier
   - Co-Principal Investigator: Philippe Marcaул
   - Dates: 1/2/07 to 1/1/10
   - Type: Research
   - Field: Economics

2. Deere Phase 4 Supplement
   - Grant Amount: $10,696
   - Grantee: DEERE & COMPANY
   - Description: Deere Phase 4 Supplement
   - Principal Investigator: Judy Vance
   - Dates: 9/1/07 to 11/30/07
   - Type: Research
   - Field: Mechanical Engineering

3. Research Support Agreement
   - Grant Amount: $10,416
   - Grantee: DEPARTMENT OF AGRICULTURE, ARS
   - Description: Research Support Agreement
   - Principal Investigator: Kendall Lamkey
   - Dates: 1/1/06 to 9/30/07
   - Type: Research
   - Field: Agronomy

4. Educating Farmers on Niche Pork Production Topics
   - Grant Amount: $10,366
   - Grantee: PRACTICAL FARMERS OF IOWA
   - Description: Educating Farmers on Niche Pork Production Topics
   - Principal Investigator: David Stender
   - Dates: 7/1/07 to 5/31/08
   - Type: Extension/Public
   - Field: Extension to Agriculture

5. Perform Numerical Simulations to Support PNNL Project 51655
   - Grant Amount: $10,000
   - Grantee: PACIFIC NORTHWEST NATIONAL LABORATORY
   - Description: Perform Numerical Simulations to Support PNNL Project 51655
   - Principal Investigator: Robert Ewing
   - Dates: 9/26/07 to 6/30/08
   - Type: Research
   - Field: Agronomy
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$10,000  IOWA PUREBRED SWINE COUNCIL  400-43-74
Graduate Student Support
9/1/07 to 8/31/08  EXTENSION/PUBLIC
BAAS, THOMAS J  ANIMAL SCIENCE

$10,000  DEPARTMENT OF AGRICULTURE, ARS  419-41-52
Research Support Agreement
10/1/07 to 9/30/08  RESEARCH
LAMKEY, KENDALL R  AGRONOMY

$9,611  DEPARTMENT OF AGRICULTURE  412-30-59
Cochran Fellowship Program for Philippine Health and Media Team
4/1/06 to 3/31/11  EXTENSION/PUBLIC
HANSEN, RAYMOND S  VALUE ADDED AGRICULTURE
SCHULTZ, MADELINE M  VALUE ADDED AGRICULTURE

$9,545  UNITED STATES-ISRAEL BINATIONAL SCIENCE FOUNDATION  400-60-13
Investigation of the Enhanced Operation Parameters of xPZT-(1-x)PNN Relaxor Ferroelectrics Through Long Time Thermal Cycling
10/1/07 to 9/30/08  RESEARCH
TAN, XIAOLI  MATERIALS SCIENCE & ENGINEERING

$9,354  UNIVERSITY OF IOWA  404-40-18
Risk of Secondary Injury Induced by the Implementation of Assistive Technology
7/1/07 to 6/30/08  RESEARCH
KEREN, NIR  AGRICULTURAL & BIOSYSTEMS ENGINEERING
CO-PI FREEMAN, STEVEN A  AGRICULTURAL & BIOSYSTEMS ENGINEERING

$8,864  JELD-WEN FIBER OF IOWA  400-75-06
Studying DoorSkin and Door Warp
9/17/07 to 2/28/08  RESEARCH
KUO, MONLIN  NATURAL RESOURCE ECOLOGY & MANAGEMENT
CO-PI BENTLEY, KIMBERLY K  IPRT COMPANY ASSISTANCE
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$8,331  IOWA DEPARTMENT OF TRANSPORTATION
Evaluation of Electronic Speed Limit Signs for United Consolidated School on US 30, Eastbound and Westbound

10/1/07 to 3/31/08 RESEARCH
HALLMARK, SHAUNA L CIVIL, CONSTRUCTION,& ENVIRONMENTAL ENGINEERING

$8,000  UNIVERSITY OF MINNESOTA
Summer Research Funds

9/3/07 to 6/30/08 RESEARCH
WU, ZHIJUN MATHEMATICS

$8,000  BAYER CROPSCIENCE
Corn Insect Research

5/1/07 to 5/1/08 RESEARCH
TOLLEFSON, JON J ENTOMOLOGY

$7,500  UNIVERSITY OF NEBRASKA
A National Learning Center for Animal Agriculture Water Quality Issues

8/14/07 to 7/14/09 RESEARCH
LAWRENCE, JOHN D ECONOMICS

$7,427  DEERE & COMPANY
Deere Phase IV Supplement

9/1/07 to 12/31/08 RESEARCH
LUECKE, GREG R MECHANICAL ENGINEERING

$7,000  IOWA DEPARTMENT OF EDUCATION
English Language Learner Technology Resource

9/7/07 to 10/5/07 INSTRUCTION/TRAINING
WHALEY, DAVID TEACHER EDUCATION
$5,780 INTEGRATED SENSOR TECHNOLOGIES, INC
Six-Source Thermal Evaporation Chamber for Fabrication of Small Molecular Organic Light Emitting Devices
10/9/07 to 12/31/07 RESEARCH
HERRMAN, TERRANCE
MUMM, LYNNE M
CO-PI
AMES LABORATORY
IPRT COMPANY ASSISTANCE

$5,569 DEPARTMENT OF EDUCATION
PELL GRANT - FY07
7/1/06 to 6/30/07 STUDENT FINANCIAL AID
JOHNSON, ROBERTA L
VICE PRESIDENT FOR STUDENT AFFAIRS

$5,500 DEPARTMENT OF AGRICULTURE, ARS
Research Support Agreement
10/1/07 to 9/30/08 RESEARCH
LAMKEY, KENDALL R
AGRONOMY

$5,000 DEPARTMENT OF AGRICULTURE, ARS
Research Support Agreement
10/1/07 to 9/30/08 RESEARCH
LAMKEY, KENDALL R
AGRONOMY

$3,222 DEPARTMENT OF AGRICULTURE
Research Support Agreement
10/1/07 to 9/30/08 RESEARCH
LAMKEY, KENDALL R
AGRONOMY

$3,000 AMVAC CHEMICAL CORPORATION
Corn Insect Research
5/1/07 to 5/1/08 RESEARCH
TOLLEFSON, JON J
OLESON, JAMES D
CO-PI
ENTOMOLOGY
ENTOMOLOGY
October 01 - 31, 2007

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$2,767  DEPARTMENT OF AGRICULTURE  419-41-65
Research Support Agreement
10/1/07 to 11/14/07  RESEARCH
LAMKEY, KENDALL R  AGRONOMY

$2,560  IOWA DEPARTMENT OF PUBLIC HEALTH  478-21-06
Analysis of Tobacco Sales
7/1/07 to 6/30/08  RESEARCH
SHELLEY, MACK C  STATISTICS

$2,500  IOWA DEPARTMENT OF EDUCATION  472-30-15
Team Nutrition Training Project
10/1/05 to 9/30/07  EXTENSION/PUBLIC
LITCHFIELD, RUTH E  FOOD SCIENCE & HUMAN NUTRITION

$2,500  DEPARTMENT OF AGRICULTURE, ARS  419-23-42
Research Support Agreement
10/1/06 to 9/30/07  RESEARCH
NOLAN, LISA K  VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE

$1,825  UNIVERSITY OF CALIFORNIA  404-28-54
ENAM Africa: Enhancing Child Nutrition Through Animal Source Food Management
10/1/07 to 9/30/08  RESEARCH
MARQUIS, GRACE S  FOOD SCIENCE & HUMAN NUTRITION
CO-PI  BUTLER, LORNA M  SOCIOLOGY
CO-PI  JENSEN, HELEN H  ECONOMICS
CO-PI  REDDY, MANJU B  FOOD SCIENCE & HUMAN NUTRITION
CO-PI  COLECRAFT, ESI  FOOD SCIENCE & HUMAN NUTRITION
CO-PI  LONERGAN, ELISABETH J  ANIMAL SCIENCE
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$1,640  DEPARTMENT OF AGRICULTURE, ARS  419-23-45
Research Support Agreement
10/1/06 to 9/30/07  RESEARCH
ANDREASEN, CLAIRE B  VETERINARY PATHOLOGY

$1,244  DEPARTMENT OF AGRICULTURE, FAS  412-21-11
Phase 1 Archaeological Survey for Proposed Hog Confinement in Plymouth County
9/24/07 to 12/1/07  EXTENSION/PUBLIC
HILL, MATTHEW G  ANTHROPOLOGY

$1,087  EUGENIA HAMPTON FAMILY TRUST  400-61-61
Phase 1 Archaeological Survey for a Grain Bin in Rose Grove Township, Hamilton County, Iowa
10/5/07 to 12/1/07  EXTENSION/PUBLIC
HILL, MATTHEW G  ANTHROPOLOGY

$300  IOWA DEPARTMENT OF PUBLIC HEALTH  478-30-66
Gambling Treatment Program Hotline
7/1/06 to 6/30/07  EXTENSION/PUBLIC
GLENN, SHERRY J  EXTENSION TO FAMILIES
CO-PI  VAN GINKEL, MARGARET  EXTENSION TO FAMILIES