II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$5,858,808 DEPARTMENT OF EDUCATION

Pell Grant, FY09

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

$3,725,551 VARIOUS UTILITIES THROUGH THE IOWA DEPARTMENT OF COMMERCE

Operational Funds for the Iowa Energy Center

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

$1,983,266 NATIONAL SCIENCE FOUNDATION

21st Century National Energy and Transportation Infrastructures for Balancing Environmental Impacts, Costs and Resiliency

9/15/08 to 8/31/12 RESEARCH
MCCALLEY, JAMES ELECTRICAL & COMPUTER ENGINEERING
ALIPRANTIS, DIONYSIOS ELECTRICAL & COMPUTER ENGINEERING
SOMANI, ARUN ELECTRICAL & COMPUTER ENGINEERING
BROWN, ROBERT MECHANICAL ENGINEERING
GKRITZA, KONSTANTINA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING
WANG, LIZHI INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING

$1,706,600 U.S. ARMY RESEARCH LABORATORY


7/1/08 to 6/30/13 RESEARCH
ROLLINS, DERRICK CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
THOMPSON, R. MATERIALS SCIENCE & ENGINEERING-ENGR
BRASCHE, LISA CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED

$1,424,511 DEPARTMENT OF ENERGY

Operating and Management Support for the Ames Laboratory

1/1/07 to 9/30/08 RESEARCH
KING, ALEXANDER AMES LABORATORY
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$694,269 NATIONAL SCIENCE FOUNDATION
Transferring Research from a Model System to Uncover the Network that Regulates Long-Distance Signaling in Potato

10/1/08 to 9/30/09 RESEARCH
HANNAPEL, DAVID
RAO, ARAGULA

CO-PI
HORTICULTURE-AES
BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-CALS

$665,000 IOWA DEPARTMENT OF NATURAL RESOURCES
Leopold Center Support

5/1/08 to 7/31/99 RESEARCH
DEWITT, JERALD

ENTOMOLOGY

$616,430 NATIONAL INSTITUTES OF HEALTH
A Measurement Error Approach to Estimating Usual Daily Physical Activity Distributions

9/15/08 to 5/31/09 RESEARCH
WELK, GREGORY
CARRIQUIRY, ALICIA
NUSSER, SARAH

CO-PI
KINESIOLOGY
STATISTICS
STATISTICS

$570,000 DEPARTMENT OF AGRICULTURE, CSREES
Heartland Regional Water Coordination Initiative

9/1/08 to 8/31/12 EXTENSION/PUBLIC
MILLER, GERALD
MORTON, LOIS
PILCHER, CAROL

CO-PI
AGRONOMY-EXT
SOCIOLOGY-EXT
ENTOMOLOGY-EXT

$476,974 DEPARTMENT OF AGRICULTURE, CSREES
Latino and Women Owned Businesses as Generators of Amenity Rich Rural Towns in the Midwest and Northern Plains States

8/15/08 to 7/14/10 RESEARCH
BESSER, TERRY
HERNANDEZ-SANTANA, JUAN

CO-PI
SOCIOLOGY-CALS
EXTENSION AREA - SOUTHEAST-EXT
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$464,802  DEPARTMENT OF COMMERCE
    Iowa Manufacturing Technology Center
    7/3/08 to 6/30/09  EXTENSION/PUBLIC
    COX, RONALD  CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT

$458,000  SMALL BUSINESS ADMINISTRATION
    Small Business Development Center Small Business Administration Cooperative Agreement
    10/1/07 to 9/30/08  EXTENSION/PUBLIC
    HECKMANN, JAMES  SMALL BUSINESS DEVELOPMENT CENTER-BUS

$451,356  NATIONAL SCIENCE FOUNDATION
    Popcorn - A Project Portal for Corn
    9/15/08 to 8/31/10  RESEARCH
    LAWRENCE, CAROLYN  GENETICS, DEVELOPMENT & CELL BIOLOGY
    SEN, TANER  GENETICS, DEVELOPMENT & CELL BIOLOGY

$395,241  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-VPSA

$389,400  DEPARTMENT OF AGRICULTURE, APHIS
    Development of Industry Specific Response Manuals for Swine and Dairy and Illustrated Operational Guides for Biosecurity and Cleaning and Disinfection
    9/10/08 to 9/9/09  EXTENSION/PUBLIC
    ROTH, JAMES  VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET
    RAMIREZ, ALEJANDRO  VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-EXT
    BICKETT-WEDdle, DANELLE  CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET
    FLAMING, KEVAN  CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET
    DVORAK, GLENDa  CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET
    BROWN, GAYLE  CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$378,000  DEPARTMENT OF AGRICULTURE, CSREES
Mycotoxin Risks Associated with Ethanol Co-Products from Conventional vs Biotechnology-Derived Corn Grain
9/1/08 to 8/31/11  RESEARCH
MUNKVOLD, GARY  PLANT PATHOLOGY-AES
POMETTO, ANTHONY  FOOD SCIENCE & HUMAN NUTRITION-CALS

$374,998  DEPARTMENT OF STATE
Turkish Student Teacher Internship Project
8/18/08 to 12/31/09  INSTRUCTION/TRAINING
SCHMIDT, DENISE  CURRICULUM & INSTRUCTION-HS
NIEDERHAUSER, DALE  CURRICULUM & INSTRUCTION-HS
HARGRAVE, CONNIE  CURRICULUM & INSTRUCTION-HS

$372,302  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 4/30/10  RESEARCH
VOLLBRECHT, ERIK  GENETICS, DEVELOPMENT & CELL BIOLOGY
BRENDEL, VOLKER  GENETICS, DEVELOPMENT & CELL BIOLOGY

$362,002  NATIONAL INSTITUTES OF HEALTH
A Modular Approach for Combinatorial Biosynthesis of Functionalized Terpenoids
9/15/08 to 6/30/09  RESEARCH
PETERS, REUBEN  BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS

$348,297  DEPARTMENT OF EDUCATION
Academic Competitiveness Grant, FY09
7/1/08 to 6/30/09  STUDENTFINANCIALAID
JOHNSON, ROBERTA  STUDENT FINANCIAL AID-VPSA

$344,510  NATIONAL SCIENCE FOUNDATION
Collaborative Research: NETS-NECO: Mobility-Assisted Energy Replenishment for Sensor Networks
9/1/08 to 8/31/11  RESEARCH
ZHANG, WENSHENG  COMPUTER SCIENCE-LAS
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$344,510 NATIONAL SCIENCE FOUNDATION
Collaborative Research: NETS-NECO: Mobility-Assisted Energy Replenishment for Sensor Networks
9/1/08 to 8/31/11 RESEARCH
CO-PI QIAO, DAJI ELECTRICAL & COMPUTER ENGINEERING-ENGR

$343,389 IOWA COMMISSION ON VOLUNTEER SERVICE
Iowa Americorps State of Promise Program
9/1/08 to 8/31/09 EXTENSION/PUBLIC
BROSHAR, DONNIE EXTENSION TO YOUTH

$330,000 NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
Program Year 19 Iowa Space Grant Consortium
4/1/05 to 3/31/10 MISCELLANEOUS
BYRD, WILLIAM AEROSPACE ENGINEERING-ENGR

$310,000 DEPARTMENT OF ENERGY
Intermediate/High Energy Nuclear Physics
6/15/08 to 6/14/09 RESEARCH
CO-PI VARY, JAMES PHYSICS & ASTRONOMY-LAS
CO-PI QIU, JIANWEI PHYSICS & ASTRONOMY-LAS

$300,000 NORTHWEST AREA FOUNDATION
Horizons Community Implementation Project Phase III
7/17/08 to 7/31/10 EXTENSION/PUBLIC
CO-PI STOUT, JANEANN EXTENSION TO FAMILIES-EXT
CO-PI FLETCHER, CYNTHIA HUMAN DEVELOPMENT & FAMILY STUDIES-EXT
CO-PI FREEMAN, RUTH EXTENSION TO FAMILIES-EXT

$298,000 DEPARTMENT OF AGRICULTURE, CSREES
NAHLN: IA
7/1/05 to 6/30/09 INSTRUCTION/TRAINING
CO-PI HOFFMAN, LORRAINE VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET
CO-PI HALBUR, PATRICK VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$287,000 NATIONAL INSTITUTE OF JUSTICE
Forensic Analysis of Ink Using a Revolutionary Mass Spectrometry Method
9/1/06 to 7/31/09 RESEARCH
MCCLELLAND, JOHN AMES LABORATORY

$265,706 DEPARTMENT OF AGRICULTURE, CSREES
Toolbox for Exploration of APEC Pathogenesis, Control, and Evolution
9/1/08 to 8/31/11 RESEARCH
NOLAN, LISA VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET
TRAMPEL, DARRELL VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

$255,732 UNIVERSITY OF NORTHERN IOWA
Iowa Mathematics and Sciences Education Partnership--Iowa State University Campus Coordination
7/1/08 to 5/31/09 INSTRUCTION/TRAINING
PETERSON, CARLA HUMAN DEVELOPMENT & FAMILY STUDIES-HS

$255,182 IOWA STATE UNIVERSITY RESEARCH FOUNDATION
Office of Intellectual Property and Technology Transfer Support
9/8/08 to 6/30/99 RESEARCH
OKIISHI, THEODORE VICE PRESIDENT FOR RESEARCH & ECONOMIC DEVELOPMENT-VPR/ED

$252,013 NATIONAL INSTITUTES OF HEALTH
Metalblast: A Cell and Metabolic Biology Interactive Learning Environment for High School Students
9/18/08 to 8/31/09 RESEARCH
WURTELE, EVE GENETICS, DEVELOPMENT & CELL BIOLOGY
BASSHAM, DIANE GENETICS, DEVELOPMENT & CELL BIOLOGY
DICKERSON, JULIE ELECTRICAL & COMPUTER ENGINEERING
HERNSTADT, STEVEN ART & DESIGN
OLSON, JOANNE CURRICULUM & INSTRUCTION
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$245,000  AIR FORCE OFFICE OF SCIENTIFIC RESEARCH  
Acquisition of a Mid-Range Computational Facility for Design of New Materials by Multi-Scale Modeling  
7/15/08 to 11/30/08  EQUIPMENT  
GORDON, MARK  CHEMISTRY  
421-25-03

$230,660  UNIVERSITY OF NEBRASKA  
Food Safety for Families with Young Children  
10/1/08 to 7/31/11  EXTENSION/PUBLIC  
BEATTIE, SAM  FOOD SCIENCE & HUMAN NUTRITION  
LITCHFIELD, RUTH  FOOD SCIENCE & HUMAN NUTRITION  
CO-PI  
410-30-42

$230,189  NATIONAL SCIENCE FOUNDATION  
Accommodating Individual Differences in Software for Location-Based Survey Tasks  
10/1/08 to 3/31/11  RESEARCH  
NUSSER, SARAH  STATISTICS-LAS  
MILLER, LESLIE  COMPUTER SCIENCE-LAS  
CO-PI  
420-17-68

$230,000  DEPARTMENT OF AGRICULTURE, CSREES  
Developing Local Leadership and Extension Capacity for Performance-Driven Agricultural Environmental Management  
9/1/08 to 8/31/11  EXTENSION/PUBLIC  
MORTON, LOIS  SOCIOLOGY-EXT  
MILLER, GERALD  AGRONOMY-EXT  
DEWITT, JERALD  ENTOMOLOGY-EXT  
HELMERS, MATTHEW  AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT  
CO-PI  
416-30-02

$219,672  NATIONAL SCIENCE FOUNDATION  
Collaborative Research: ATOL: ProTol-The Porifera Tree of Life Project  
10/1/08 to 9/30/10  RESEARCH  
LAVROV, DENNIS  ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS  
420-61-18

$208,348  DEPARTMENT OF AGRICULTURE, CSREES  
New Century Farm  
9/1/08 to 8/31/09  RESEARCH  
COLLETTI, JOE  AGRICULTURE ADMINISTRATION-CALS  
416-40-06
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$208,348  DEPARTMENT OF AGRICULTURE, CSREES

New Century Farm

9/1/08 to 8/31/09  RESEARCH

CO-PI JOHNSON, LAWRENCE  FOOD SCIENCE & HUMAN NUTRITION-CALS
CO-PI POMETTO, ANTHONY  FOOD SCIENCE & HUMAN NUTRITION-CALS
CO-PI BROWN, ROBERT  MECHANICAL ENGINEERING-ENGR

$207,556  DEPARTMENT OF AGRICULTURE, CSREES

Environmental Fate and Effects Assessment for a Genetically-Engineered Bioenergy Feedstock Crop

9/1/08 to 8/31/11  RESEARCH

CO-PI WOLT, JEFFREY  AGRONOMY-AES
CO-PI TABATABAI, M.  AGRONOMY-CALS
CO-PI SEN, TANER  GENETICS, DEVELOPMENT & CELL BIOLOGY-CALS

$200,724  IOWA SOYBEAN ASSOCIATION

Exploring New Resistance Resources for Threatening Soybean Diseases

10/1/08 to 9/30/09  RESEARCH

CO-PI HILL, JOHN  PLANT PATHOLOGY-CALS
CO-PI WHITHAM, STEVEN  PLANT PATHOLOGY-CALS
CO-PI BAUM, THOMAS  PLANT PATHOLOGY-CALS

$193,900  IOWA SOYBEAN ASSOCIATION

Breeding General Use and Specialty Soybean Varieties for Iowa

10/1/08 to 9/30/09  RESEARCH

CO-PI FEHR, WALTER  AGRONOMY-AES

$188,247  IOWA DEPARTMENT OF NATURAL RESOURCES

Black Hawk Lake Diagnostic and Feasibility Study

7/10/08 to 1/15/10  RESEARCH

CO-PI DOWNING, JOHN  ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-CALS
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$188,000  BOEING COMPANY
Development of Negative Index Refraction Materials for Spatial and Temporal Manipulation of Em Waves in the Wavelength Range From 70 Cm to 10 Micron Meters
6/2/05 to 6/28/09 RESEARCH
SOUKOULIS, COSTAS PHYSICS & ASTRONOMY

$187,697  IOWA SOYBEAN ASSOCIATION
Increasing Iowa Soybean Profitability by Renewing Interest in Managing the Soybean Cyst Nematode
10/1/08 to 9/30/09 RESEARCH
TYLKA, GREGORY PLANT PATHOLOGY-CALS

$186,597  UNIVERSITY OF GEORGIA
Risk, Resilience, and Disorder: African Americans Transitioning to Adulthood
9/27/07 to 6/30/09 RESEARCH
CUTRONA, CAROLYN PSYCHOLOGY
CO-PI GIBBONS, FREDERIC PSYCHOLOGY

$185,000  DEPARTMENT OF AGRICULTURE, OCE
Reducing the Greenhouse Gas Emissions Associated with Indirect Land Use Changes Through Higher Crop Yields, Policy Changes, and On-Farm Greenhouse Gas Reduction Strategies
9/20/08 to 9/30/09 RESEARCH
BABCOCK, BRUCE ECONOMICS-CALS
CO-PI HAYES, DERMOT ECONOMICS-CALS

$182,420  DEPARTMENT OF AGRICULTURE, CSREES
Measurement and Mitigation of Odor and Air Emissions from Concentrated Animal Feeding Operations
9/1/08 to 8/31/09 RESEARCH
KANWAR, RAMESHWAR AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS
CO-PI HOFF, STEVEN AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS

$180,000  NATIONAL SCIENCE FOUNDATION
Collaborative Proposal: Scalable Virtual Machine Laboratory Systems for Supporting the Development of New Information Assurance Programs
9/1/08 to 8/31/10 RESEARCH
DANIELS, THOMAS ELECTRICAL & COMPUTER ENGINEERING-ENGR
CO-PI JACOBSON, DOUG ELECTRICAL & COMPUTER ENGINEERING-ENGR
I I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$170,678  IOWA DEPARTMENT OF NATURAL RESOURCES

Manure Applicator Certification Training

7/1/08 to 6/30/09  EXTENSION/PUBLIC
MILLER, GERALD  AGRONOMY-EXT
RIECK-HINZ, ANGELA  AGRONOMY-EXT

$168,822  SYNGENTA SEEDS, INC

Sudden Death Syndrome (SDS) in Soybean

9/8/08 to 9/7/10  RESEARCH
BHATTACHARYYA, MADAN  AGRONOMY-CALS

$167,000  NATIONAL SCIENCE FOUNDATION

CAREER: The Physics of Signaling in Cell Membranes: Phosphoinositides and Small GT Passes as a Paradigm

9/1/08 to 8/31/10  RESEARCH
TRAVESSET-CASAS, ALEJANDRO  PHYSICS & ASTRONOMY

$159,730  IOWA SOYBEAN ASSOCIATION

Phase II Introgression of Novel Genes Conferring Resistance to SCN in Soybean Germplasm of Early Maturity Groups

10/1/08 to 9/30/09  RESEARCH
CIANZIO, SILVIA  AGRONOMY-CALS

$150,000  DEPARTMENT OF AGRICULTURE, ARS

Study of Influenza Viruses

9/2/08 to 8/14/10  RESEARCH
MILLER, CATHY  VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

$146,678  NATIONAL SCIENCE FOUNDATION

TRPGR: Cyber Infrastructure for (Comparative) Plant Genome Research Through Plant GDB

7/15/06 to 6/30/09  RESEARCH
BRENDEL, VOLKER  GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$142,000 BINATIONAL AGRICULTURAL RESEARCH AND DEVELOPMENT FUND
Molecular Characterization of PBAN G-Protein Coupled Receptors in Moth Pest Species
10/1/08 to 9/30/11 RESEARCH
JURENKA, RUSSELL ENTOMOLOGY

$141,137 NATIONAL SCIENCE FOUNDATION
Determining Soil Water Evaporation and Subsurface Evaporation Zones
10/1/08 to 9/30/09 RESEARCH
HORTON, ROBERT AGRONOMY
EWING, ROBERT AGRONOMY

$139,060 PFIZER, INC
Isolation, Identification, and Characterization of U.S. Helicobacter Suis Strains
8/1/08 to 6/30/10 RESEARCH
WANNEMUEHLER, MICHAEL VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

$134,790 DEPARTMENT OF AGRICULTURE, OCE
Analysis of the External Benefits of Ethanol and Biodiesel in the United States
10/1/08 to 9/30/09 RESEARCH
GALLAGHER, PAUL ECONOMICS-AES

$130,615 IOWA SOYBEAN ASSOCIATION
Optimizing No-Tillage Soybean Production Practices in Iowa
10/1/08 to 9/30/09 RESEARCH
PEDERSEN, PALLE AGRONOMY-CALS

$130,000 ROCKWELL COLLINS
A Virtual Reality Interface for Product/Analysis Data Visualization
8/15/08 to 8/14/09 RESEARCH
OLIVER, JAMES MECHANICAL ENGINEERING-ENGR
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$124,989  IOWA DEPARTMENT OF TRANSPORTATION
Wet Reflective Pavement Marking Demonstration Project
8/1/08 to 7/31/11 RESEARCH
HAWKINS, NEAL CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
SMADI, OMAR CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
NAMBISAN, SHASHI CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

$124,446  AUBURN UNIVERSITY
Technology Specialist for the Army Youth Development Project
10/1/08 to 9/14/09 EXTENSION/PUBLIC
MORRIS, JOHN EXTENSION 4-H YOUTH DEVELOPMENT-EXT

$123,708  DEPARTMENT OF COMMERCE
A Nationwide Effort to Create More Vibrant Regional Economies Through Economic Development Practitioners Trainings
9/1/08 to 8/31/09 EXTENSION/PUBLIC
EMERY, MARY SOCIOLOGY-CALS

$117,000  IOWA SOYBEAN ASSOCIATION
Fusarium Species Infecting Soybean Roots: Risks and Management Tools
10/1/08 to 9/30/09 RESEARCH
MUNKVOLD, GARY PLANT PATHOLOGY-CALS
PEDERSEN, PALLE AGRONOMY-CALS
ROBERTSON, ALISON PLANT PATHOLOGY-EXT
TYLKA, GREGORY PLANT PATHOLOGY-CALS
CIANZIO, SILVIA AGRONOMY-CALS
LEANDRO, LEONOR PLANT PATHOLOGY-CALS

$109,378  OHIO DEPARTMENT OF TRANSPORTATION
Identification and Evaluation of Pavement - Bridge Interface Ride Quality Improvement and Corrective Strategies
8/7/08 to 6/30/09 RESEARCH
PHARES, BRENT CENTER FOR TRANSPORTATION RESEARCH & EDUCATION
WHITE, DAVID CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$104,294  DEPARTMENT OF AGRICULTURE, CSREES
Toolbox for Exploration of APEC Pathogenesis, Control, and Evolution
9/1/08 to 8/31/11  RESEARCH
NOLAN, LISA  VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET
TRAMPEL, DARRELL  VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

$102,347  IOWA SOYBEAN ASSOCIATION
Determining the Impact of Multiple Pests on Soybean Yield and Grain Composition
10/1/08 to 9/30/09  RESEARCH
MACINTOSH, GUSTAVO  BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS
ONEAL, MATTHEW  ENTOMOLOGY-CALS
TYLKA, GREGORY  PLANT PATHOLOGY-CALS
PEDERSEN, PALLE  AGRONOMY-CALS
AVENDANO, MARIA  PLANT PATHOLOGY-CALS

$100,000  IOWA CONCRETE PAVING ASSOCIATION
Program Management of the National Concrete Pavement Technology Center
7/1/08 to 6/30/09  DEPT/ADMIN SUPPORT
CACKLER, ELLS  CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
NAMBISAN, SHASHI  CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

$98,461  NATIONAL SCIENCE FOUNDATION
NEDG: A Theoretical Foundation for Network Scheduling and Routing with Partial and Delayed Information
9/1/08 to 8/31/10  RESEARCH
YING, LEI  ELECTRICAL & COMPUTER ENGINEERING-ENGR

$93,980  NATIONAL PORK BOARD
Evaluation of the Safety and Efficacy of a Second Generation Live Chimeric PCV1-2 Vaccine in the PCV2-PRRSV Coinfection Model
10/1/08 to 10/1/09  RESEARCH
OPRIESSNIG, TANJA  VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET
HALBUR, PATRICK  VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$90,954 NATIONAL PORK BOARD
Influence of PRRSV Viremia on PCV2-Vaccine Efficacy in Conventional Growing Pigs with Maternally Derived Passively Anti-PCV2-Antibodies
10/1/08 to 10/1/09 RESEARCH
OPRIESSNIG, TANJA
CO-PI PATTSON, ABBY
CO-PI MADSON, DARIN
VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

$90,000 AMERICAN SEED RESEARCH FOUNDATION
Genome Fluidity and Allele-Switching Frequency in Soybean: Impact on Seed Quality and Vigor
9/9/08 to 9/8/11 RESEARCH
GOGGI, ALCIRA
AGRONOMY-CALS

$78,000 PRATT & WHITNEY
Development of Fabrication Process to Required Crack Aspect Ratio
9/1/08 to 3/31/09 RESEARCH
BRASCHE, LISA
CO-PI EISENMANN, DAVID
CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED

$77,800 IOWA SOYBEAN ASSOCIATION
Identifying Factors That Influence Genetic Diversity in Endemic Phytophthora Sojae Populations
10/1/08 to 9/30/09 RESEARCH
ROBERTSON, ALISON
PLANT PATHOLOGY-CALS

$76,418 IOWA SOYBEAN ASSOCIATION
Dynamic Models for Seasonal Disease Prediction of Soybean Rust in the United States Soybean Production Regions
10/1/08 to 9/30/09 RESEARCH
YANG, XIAO
PLANT PATHOLOGY-CALS

$75,654 IOWA SOYBEAN ASSOCIATION
Characterization of the Soybean Rust Infection Process in Susceptible and Resistant Soybean Interactions
10/1/08 to 9/30/09 RESEARCH
WHITHAM, STEVEN
CO-PI BAUM, THOMAS
PLANT PATHOLOGY-CALS
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$75,000  IOWA DEPARTMENT OF TRANSPORTATION
Validation of SHM Damage Detection Algorithm
8/15/08 to 2/28/10  RESEARCH
PHARES, BRENT
CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
NAMBISAN, SHASHI
CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
WIPF, TERRY
CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR

$74,476  INSTITUT PASTEUR
Short-Term Investigation of Gene Therapy Using the Canine Model of MPS IIIB
6/1/08 to 12/31/09  RESEARCH
ELLINWOOD, NORMAN
ANIMAL SCIENCE-CALS

$70,806  IOWA SOYBEAN ASSOCIATION
Improving Soybean Profitability in Iowa by Reducing the Hidden Effects of Brown Stem Rot and Its Interaction with the Soybean Cyst Nematode
10/1/08 to 9/30/09  RESEARCH
TYLKA, GREGOR
PLANT PATHOLOGY-CALS

$65,000  VETERANS ADMINISTRATION CENTER - IOWA CITY
Growth Factor Treatment of Visual Loss in Compressive Optic Nerve Injury
7/1/08 to 6/30/09  RESEARCH
GROZDANIC, SINISA
VETERINARY CLINICAL SCIENCES
SAKAGUCHI, DONALD
GENETICS, DEVELOPMENT & CELL BIOLOGY

$65,000  DEPARTMENT OF AGRICULTURE, OCE
United States Agriculture as a Producer and Consumer of Energy: Biomass Production and Processing
9/10/08 to 9/30/10  RESEARCH
MIRANOWSKI, JOHN
ECONOMICS-AES

$65,000  SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
Pavement Marking Concepts
5/30/06 to 6/30/09  RESEARCH
SMADI, OMAR
CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
NAMBISAN, SHASHI
CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$65,000  SCIENCE APPLICATIONS INTERNATIONAL CORPORATION  
Pavement Marking Concepts  
5/30/06 to 6/30/09  RESEARCH  
CO-PI  HAWKINS, NEAL  
CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

$62,473  IOWA SOYBEAN ASSOCIATION  
On-Farm Re-Evaluation of Soybean Response to Lime Application in Iowa  
10/1/08 to 9/30/09  RESEARCH  
CO-PI  MALLARINO, ANTONIO  
SAWYER, JOHN  
AGRONOMY-AES

$61,004  MONSANTO  
Fitness of Western Corn Rootworm on YieldGard and SmartStax  
8/15/08 to 8/14/09  RESEARCH  
CO-PI  GASSMANN, AARON  
ENTOMOLOGY-AES

$60,449  IOWA SOYBEAN ASSOCIATION  
Understanding High Yielding Soybeans  
10/1/08 to 9/30/09  RESEARCH  
CO-PI  PEDERSEN, PALLE  
AGRONOMY-CALS

$60,144  NATIONAL INSTITUTES OF HEALTH, NIAMS  
Bone Response to Soy Isoflavones in Women  
12/1/06 to 11/30/08  RESEARCH  
CO-PI  ALEKEL, D.  
KOEHLER, KENNETH  
FOOD SCIENCE & HUMAN NUTRITION-HS  
STATISTICS-LAS

$60,000  AKC CANINE HEALTH FOUNDATION  
Mucosal Gene Expression Profiles in Canine Inflammatory Bowel Disease  
6/1/08 to 5/31/10  RESEARCH  
CO-PI  JERGENS, ALBERT  
VETERINARY CLINICAL SCIENCES
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$59,400 DEPARTMENT OF AGRICULTURE, APHIS
Development of a Web-Based Module on Volunteering and Deploying for the National Animal Health Emergency Response Corps
8/28/08 to 8/27/09 EXTENSION/PUBLIC
ROTH, JAMES
VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

$55,000 IOWA SOYBEAN ASSOCIATION
Impact of Continuing Corn Production on Sudden Death Syndrome of Soybean: Studies to Investigate Disease Management Options
10/1/08 to 9/30/09 RESEARCH
YANG, XIAO
PLANT PATHOLOGY-CALS
CO-PI NAVI, SHRISHAIL
PLANT PATHOLOGY-CALS

$55,000 DEPARTMENT OF AGRICULTURE, APHIS
Viral Hemorrhagic Septicemia Resource and Education Website
7/24/08 to 7/23/09 EXTENSION/PUBLIC
DVORAK, GLENDA
CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET
ROTH, JAMES
VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

$50,050 DEPARTMENT OF AGRICULTURE, ERS
Household Food Expenditures and the Effect of WIC
8/29/08 to 10/30/09 RESEARCH
JENSEN, HELEN
ECONOMICS-CALS
CO-PI ISHDORJ, ARIUN
ECONOMICS-CALS

$50,000 CRI CATALYST COMPANY
Fundamentals of Operation at Low S/O Ratios for Styrene Catalysts
1/1/08 to 12/31/08 RESEARCH
SHANKS, BRENT
CHEMICAL & BIOLOGICAL ENGINEERING

$50,000 UNIVERSITY OF TEXAS - DALLAS
Robust Design of Low Power Small Area Data Converters in Low Voltage Digital Processes
8/1/08 to 7/31/09 RESEARCH
GEIGER, RANDALL
ELECTRICAL & COMPUTER ENGINEERING
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$50,000 AMERICAN CHEMICAL SOCIETY
Thermodynamics of Layered-Silicate/Block Copolymeric Nanocomposites via Self-Assembly
7/1/08 to 8/31/10 RESEARCH
COCHRAN, ERIC CHEMICAL & BIOLOGICAL ENGINEERING

$50,000 DEPARTMENT OF ENERGY, OBER
Genomics of Wood Formation and Cellulosic Biomass Traits in Sunflower
9/15/08 to 9/14/09 RESEARCH
LAMKEY, KENDALL AGRONOMY-CALS
MAREK, LAURA AGRONOMY-CALS

$49,490 IOWA SOYBEAN ASSOCIATION
Relationships Between Grain Yield, Potassium Removal and Recycling, and Soil Potassium in Corn-Soybean Rotations
10/1/08 to 9/30/09 RESEARCH
MALLARINO, ANTONIO AGRONOMY-EXT

$48,366 IOWA EGG COUNCIL
Further Enhancing Nutritional Value of Eggs by Incorporating Stearidonic Acid, Lutein, and Tocotrienols Through Feeding
7/1/08 to 6/30/09 RESEARCH
WANG, TONG FOOD SCIENCE & HUMAN NUTRITION-CALS
XIN, HONGWEI AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS

$48,292 DEPARTMENT OF EDUCATION
Pell Grant, FY08
7/1/07 to 6/30/08 STUDENT FINANCIAL AID
JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA

$48,277 NATIONAL SCIENCE FOUNDATION
Collaborative: National Science Foundation/American Society of Engineering Education Poster Sessions
10/1/08 to 9/30/11 RESEARCH
GENALO, LAWRENCE MATERIALS SCIENCE & ENGINEERING-ENGR
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

**$48,000** IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP

Extension Viticulture Field Specialist-Amendment #3

1/1/07 to 6/30/09  EXTENSION/PUBLIC
MILLER, GERALD  EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT
GLENN, SHERRY  EXTENSION AREA - CENTRAL-EXT

**$46,294** IOWA SOYBEAN ASSOCIATION

Understanding Aggressiveness and Genetic Variability of Pathogen Populations to Improve Management of Sudden Death Syndrome

10/1/08 to 9/30/09  RESEARCH
LEANDRO, LEONOR  PLANT PATHOLOGY-AES
HARRINGTON, THOMAS  PLANT PATHOLOGY-AES
YANG, XIAO  PLANT PATHOLOGY-AES
NAVI, SHRISHAIL  PLANT PATHOLOGY-AES

**$43,479** IOWA STATE UNIVERSITY RESEARCH FOUNDATION

Patent Royalties

9/17/02 to 9/30/10  DEPT/ADMIN SUPPORT
THOMSON, JOHN  VETERINARY ADMINISTRATION

**$42,202** IOWA SOYBEAN ASSOCIATION

Quantifying the Impact of Time of Bean Pod Mottle Infection on Soybean Yield, Protein, and Oil Content and to Identify Seasonal and Farm-Level Risk Factors to Improve Soybean Yields

10/1/08 to 9/30/09  RESEARCH
NUTTER, FORREST  PLANT PATHOLOGY-CALS

**$39,966** ARGONNE NATIONAL LABORATORY

3-D Investigation of Materials

8/15/08 to 8/14/09  RESEARCH
USTUNDAG, ERSAN  MATERIALS SCIENCE & ENGINEERING-ENGR

**$39,237** NATIONAL SCIENCE FOUNDATION

CAREER: Constructing Coherence: Elementary Teachers Strategies for Using Standards-Based Mathematics Curriculum Materials

8/1/07 to 7/31/09  RESEARCH
DRAKE, COREY  CURRICULUM & INSTRUCTION-HS
## I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<td>DEPARTMENT OF AGRICULTURE, APHIS</td>
<td>Development of an Epitope-Blocking ELISA for the Detection of Antibodies to Avian Influenza A Virus in Taxonomically Diverse Vertebrate Species</td>
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<td>Performance Testing of a Yeast/Enzyme Product to Enhance Septic System Performance</td>
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<td>SMITHSONIAN ASTROPHYSICAL OBSERVATORY, SMITHSONIAN INSTITUTION</td>
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<td>Redevelopment of the Safety Analysis, Visualization, and Exploration Resource</td>
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I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$36,077  IOWA SOYBEAN ASSOCIATION
Searching for Partial Resistance to Soybean Rust Through Studies on the Timeline of Resistance Components to Phakopsora Pachyrhizi on Soybeans and Alternative Hosts
10/1/08 to 9/30/09  RESEARCH
LEANDRO, LEONOR  PLANT PATHOLOGY-CALS

$35,748  WEST CENTRAL COOPERATIVE
Engine Testing Project
8/14/07 to 9/30/08  RESEARCH
KONG, SONG-CHARNG  MECHANICAL ENGINEERING-ENGR

$34,000  IOWA DEPARTMENT OF PUBLIC HEALTH
Monitoring Mosquitoes and Vectorborne Disease
7/1/08 to 6/30/09  RESEARCH
BARTHOLOMAY, LYRIC  ENTOMOLOGY-CALS

$33,936  IOWA DEPARTMENT OF TRANSPORTATION
Synthesis Study: Effectiveness of Safety Corridor Programs
7/1/07 to 6/30/09  RESEARCH
MAZE, THOMAS  CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
MCDONALD, THOMAS  CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED
NAMBI SAN, SHASHI  CENTER FOR TRANSPORTATION RESEARCH & EDUCATION-VPR/ED

$33,061  IOWA SOYBEAN ASSOCIATION
Releasing Binodoxys Communis for Soybean Aphid Suppression: Delivering on the Promise
10/1/08 to 9/30/09  RESEARCH
ONEAL, MATTHEW  ENTOMOLOGY-AES

$32,588  DEPARTMENT OF AGRICULTURE, ARS
Expanding the Near-Infrared Spectroscopic Capacity of the Official Inspection System
9/20/08 to 9/30/09  RESEARCH
HURBURGH, CHARLES  AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$31,932  CORPORATION FOR PUBLIC BROADCASTING
Rural Listener Access Incentive Fund Bonus
10/1/07  to 9/30/09  EXTENSION/PUBLIC
WIRTH, DONALD  VICE PRESIDENT FOR BUSINESS & FINANCE-VPBF

$30,000  PRACTICAL FARMERS OF IOWA
Enhancing Bird Habitat with Grass-Based Production Systems
11/7/07  to 10/31/09  RESEARCH
ENGLE, DAVID  NATURAL RESOURCE ECOLOGY & MANAGEMENT-CALS
MILLER, JAMES  LANDSCAPE ARCHITECTURE-DSN

$30,000  IOWA SOYBEAN ASSOCIATION
Non-Host Resistance for Creating Broad-Spectrum Disease Resistance in Soybean
10/1/08  to 9/30/09  RESEARCH
BHATTACHARYYA, MADAN  AGRONOMY-AES

$30,000  IOWA SOYBEAN ASSOCIATION
Aphid-Crop Interactions
10/1/08  to 9/30/09  RESEARCH
MILLER, WYATT  PLANT PATHOLOGY-CALS
BONNING, BRYONY  ENTOMOLOGY-CALS
MACINTOSH, GUSTAVO  BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS

$30,000  WINROCK INTERNATIONAL
Good Food Network for the Upper Midwest
8/15/08  to 8/15/09  RESEARCH
PIROG, RICHARD  LEOPOLD CENTER-AES

$29,984  NATIONAL PORK BOARD
Effects of Subtherapeutic Antibiotics on Antibiotic Resistance and Virulence Gene Transfer in Bacteria in the Swine Intestine
10/1/08  to 10/1/09  RESEARCH
CARLSON, STEVEN  BIOMEDICAL SCIENCES
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$28,500 IOWA DEPARTMENT OF NATURAL RESOURCES
Examining Changes in Vegetation Structure Through Time in a Restored Tallgrass Prairie Ecosystem and the Implications for Avian Diversity
7/1/08 to 6/30/09 RESEARCH
CO-PIs: DEBINSKI, DIANE, OLECHNOWSKI, BRIAN
ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-CALS

$28,479 PK BIOSCIENCES
Development of Novel Neuroprotective Agents for Parkinson's Disease
9/1/08 to 2/28/09 RESEARCH
KRAUS, GEORGE
CHEMISTRY

$26,518 IOWA PORK PRODUCERS ASSOCIATION
Optimization of the PRRSV Antibody ELISA for use in Oral Fluid-Based Surveillance
9/15/08 to 9/15/09 RESEARCH
CO-PIs: ZIMMERMAN, JEFFREY, JOHNSON, JOHN
VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

$26,291 IOWA EGG COUNCIL
Bioactive Peptides from High Pressure Treated Phosvitin
7/1/08 to 6/30/09 RESEARCH
CO-PIs: JUNG, STEPHANIE, AHN, DONG
FOOD SCIENCE & HUMAN NUTRITION-CALS, ANIMAL SCIENCE-CALS

$26,008 UNIVERSITY OF CALIFORNIA-DAVIS
Supplement to ENAM to Support Personnel and Travel
10/1/07 to 9/30/08 RESEARCH
MARQUIS, GRACE
FOOD SCIENCE & HUMAN NUTRITION-HS

$25,000 IOWA PORK PRODUCERS ASSOCIATION
Genetic and Antigenic Characterization of a Recent PRRSV Isolate
9/1/08 to 9/1/09 RESEARCH
CO-PIs: OPRIESSNIG, TANJA, GAUGER, PHILLIP
VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$24,063  IOWA PORK PRODUCERS ASSOCIATION
Improvement of Vaccine Protection Against Swine Influenza: Proof-of-Concept
11/1/08 to 11/1/09 RESEARCH
Yoon, Kyung-Jin
Janke, Bruce
CO-PI
VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET
VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

$23,535  UNIVERSITY OF CALIFORNIA-DAVIS
Supplement to ENAM to Support WID Educational Activities
10/1/07 to 9/30/08 RESEARCH
Marquis, Grace
FOOD SCIENCE & HUMAN NUTRITION-HS

$22,439  DEPARTMENT OF AGRICULTURE, ARS
Granular Development and Value-Added Utilization of Germ Line Starch
9/29/04 to 9/28/09 RESEARCH
Jane, Jay-Lin
FOOD SCIENCE & HUMAN NUTRITION-CALS

$21,979  DEPARTMENT OF INTERIOR, GEOLOGICAL SURVEY
Effects of Fire-Grazing Interaction on Sparrow Habitat Use and Nest Success on Southern Iowa and Northern Missouri Grasslands
8/15/08 to 5/31/10 RESEARCH
Miller, James
NATURAL RESOURCE ECOLOGY & MANAGEMENT-CALS

$21,269  DEPARTMENT OF AGRICULTURE, ARS
Study of PRRSV and PRRS Related Diseases
8/27/08 to 3/31/09 RESEARCH
Baker, Rodney
Ramirez, Alejandro
CO-PI
VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET
VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

$21,021  KENT STATE UNIVERSITY
NSDL Materials Digital Library Pathway: Hub for Materials Education and Research
9/1/05 to 8/31/09 RESEARCH
Rajan, Krishna
MATERIALS SCIENCE & ENGINEERING
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$20,189 UNIVERSITY OF MARYLAND
Fuselage Configuration Effects on Rotorwash and Brownout
8/1/08 to 12/31/08 RESEARCH
RAJAGOPALAN, R.
AEROSPACE ENGINEERING

$20,160 MG BIOLOGICS, INC
Efficacy of a New Product for Treatment of Canine Parvovirus
8/15/08 to 3/31/09 RESEARCH
ROWE, ERIC
BIOMEDICAL SCIENCES-VET
DAY, TIMOTHY
CO-PI
CARLSON, STEVEN
CO-PI
MUFF, BRIAN
CO-PI
INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VP

$20,000 PACIFIC NORTHWEST NATIONAL LABORATORY
Perform Numerical Simulations to Support PNNL Project 51655
9/26/07 to 6/30/09 RESEARCH
EWING, ROBERT
AGRONOMY-CALS

$20,000 IOWA DEPARTMENT OF EDUCATION
Special Education Teacher Recruitment and Retention Study
7/1/08 to 6/30/09 RESEARCH
PHYE, GARY
CURRICULUM & INSTRUCTION-HS

$20,000 DEPARTMENT OF AGRICULTURE, NRCS
Acquisition of Plant Distribution Data for Iowa
7/1/08 to 5/31/10 RESEARCH
CLARK, LYNN
ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

$20,000 DEPARTMENT OF AGRICULTURE, ERS
Geographical Indications and the Supply of Quality in Agricultural Markets
9/29/05 to 9/30/10 RESEARCH
MOSCHINI, GIANCARLO
ECONOMICS-CALS
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$19,520  MICHIGAN STATE UNIVERSITY
Viral Hemorrhagic Septicemia, NADF- Wisconsin
9/1/08 to 8/31/09  EXTENSION/PUBLIC
DVORAK, GLENDA  CENTER FOR FOOD SECURITY & PUBLIC HEALTH

$19,510  IMMUCELL CORPORATION
Efficacy of MastOut as an Intramammary Treatment for Subclinical Bovine Mastitis
9/3/08 to 9/2/09  RESEARCH
TIMMS, LEO  ANIMAL SCIENCE-CALS

$15,417  DEPARTMENT OF AGRICULTURE, ARS
Research Support Agreement
10/1/07 to 9/30/08  RESEARCH
LAMKEY, KENDALL  AGRONOMY

$15,401  NEWLINK GENETICS
Graduate Student Agreement for Ramesh Koukuntla
1/1/03 to 12/31/08  INSTRUCTION/TRAINING
SPALDING, MARTIN  GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS

$15,000  NATIONAL INSTITUTES OF HEALTH
Symposium on Extracellular and Membrane Proteases in Cell Signaling
9/4/08 to 8/31/09  INSTRUCTION/TRAINING
NILSEN-HAMILTON, MARIT  BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY

$14,650  CHINA STEEL CORPORATION
Research Work with Ying-Chieh Liu
8/1/08 to 7/31/09  RESEARCH
SUNG, SHIHWU  CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$14,532   DEPARTMENT OF AGRICULTURE, FAS  
Ghana Seed Law Specialist  
7/1/08 to 9/30/08 EXTENSION/PUBLIC  
CORTES, JOSEPH SEED SCIENCE CENTER-AES

$14,500   IOWA PORK PRODUCERS ASSOCIATION  
Assist IPPA and CSIF by Providing Direct Assistance to Livestock and Grain Farmers Planning New or Enhancing Existing Pork Farms in an Environmentally and Socially Responsible Way  
5/1/08 to 12/31/08 EXTENSION/PUBLIC  
MABRY, JOHN ANIMAL SCIENCE-CALS

$14,400   NATIONAL SCIENCE FOUNDATION  
National Science Foundation Travel Grant Support for IEEE COMPSAC 2009  
10/1/08 to 9/30/09 MISCELLANEOUS  
CHANG, CARL COMPUTER SCIENCE-LAS  
CO-PI MITRA, SIMANT COMPUTER SCIENCE-LAS

$13,642   IOWA STATE UNIVERSITY RESEARCH FOUNDATION  
Invention Royalties  
8/1/08 to 12/31/99 RESEARCH  
WHITEFORD, MICHAEL LIBERAL ARTS & SCIENCES ADMINISTRATION

$13,270   IOWA SOYBEAN ASSOCIATION  
Soybean Seed Treatment and Inoculant Evaluation  
10/1/08 to 9/30/09 RESEARCH  
PEDERSEN, PALLE AGRONOMY-CALS

$12,883   UNIVERSITY OF WISCONSIN  
Cooperative Agreement: A Comprehensive Risk Management Education Program for Midwest Dairy Beef Producers  
10/1/07 to 2/28/09 EXTENSION/PUBLIC  
LAWRENCE, JOHN ECONOMICS-EXT
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$12,358  DEPARTMENT OF INTERIOR, GEOLOGICAL SURVEY  
Cerulean Warblers in Northeast Iowa  
9/8/08 to 12/31/08  RESEARCH  
DINSMORE, STEPHEN  
NATURAL RESOURCE ECOLOGY & MANAGEMENT-CALS

$12,000  NATIONAL SCIENCE FOUNDATION  
Collaborative Research: Focused Electric Field Induced Ion Transport: A Patterning Process  
7/1/07 to 6/30/10  RESEARCH  
BASTAWROS, ASHRAF  
CO-PI CHANDRA, ABHIJIT  
AEROSPACE ENGINEERING-ENGR  
MECHANICAL ENGINEERING-ENGR

$11,157  SYNGENTA CROP PROTECTION, INC  
Turf Growth Regulation: Primo Maxx+CA4766A-Kentucky Bluegrass  
8/11/08 to 8/10/11  RESEARCH  
CHRISTIANS, NICK  
HORTICULTURE-CALS

$11,000  NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
Exploration Systems Mission Directorate Higher Education  
4/1/05 to 3/31/10  RESEARCH  
BYRD, WILLIAM  
AEROSPACE ENGINEERING

$10,939  NATIONAL PORK BOARD  
Update of the National Pork Board Database  
9/15/08 to 1/31/09  EXTENSION/PUBLIC  
BURNS, ROBERT  
CO-PI MOODY, LARA  
AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS

$10,800  VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY  
Memorandum of Understanding Partnership for Research and Education in Plants State of Iowa Dissemination Plan  
1/1/06 to 7/31/09  RESEARCH  
LESHEM-ACKERMAN, ADAH  
ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$10,000  GRAIN PROCESSING CORPORATION
Catalytic Production of 1,6-Hexanediol
9/1/08  to  8/31/09  RESEARCH
LIN, SHANG-YI  CHEMISTRY-LAS
KRAUS, GEORGE  CHEMISTRY-LAS
CO-PI

$10,000  NATIONAL SCIENCE FOUNDATION
CAREER: Practical Scheme Design for Supporting Secure and Resilient Resource-Constrained Wireless Networks
1/1/07  to  12/31/08  RESEARCH
GUAN, YONG  ELECTRICAL & COMPUTER ENGINEERING-ENGR

$9,578  IOWA DEPARTMENT OF PUBLIC HEALTH
MCH 1-800 Healthy Families Line, Amendment #2
10/1/07  to  8/31/08  EXTENSION/PUBLIC
GLENN, SHERRY  EXTENSION AREA - CENTRAL-EXT
VANGINKEL, MARGARET  EXTENSION TO FAMILIES-EXT
CO-PI

$9,434  DEPARTMENT OF INTERIOR, GEOLOGICAL SURVEY
Assessing the Role of Conspecific Attraction in Habitat Restoration for Henslow's Sparrows in Iowa
9/8/08  to  5/30/09  RESEARCH
KOFORD, ROLF  NATURAL RESOURCE ECOLOGY & MANAGEMENT

$7,500  MIDWEST RESEARCH INSTITUTE
USRAP-Phase III
5/21/08  to  12/31/08  RESEARCH
SOULEYRETTE, REGINALD  CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING
HANS, ZACHARY  CENTER FOR TRANSPORTATION RESEARCH & EDUCATION
CO-PI

$7,293  UNIVERSITY OF CALIFORNIA-DAVIS
The 2008 Legume IPM PIPE Subcontract-Iowa
1/1/08  to  12/31/08  RESEARCH
BAUM, THOMAS  PLANT PATHOLOGY-AES
MUELLER, DAREN  PLANT PATHOLOGY-EXT
# II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<td>400-33-64&lt;br&gt;&lt;br&gt;9/1/08 to 8/31/09&lt;br&gt;BROSHAR, DONNIE&lt;br&gt;EXTENSION 4-H YOUTH DEVELOPMENT-EXT</td>
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<td>NORTHWEST INDIAN COLLEGE&lt;br&gt;Integrating Appreciative Inquiry into Financial Literacy Training</td>
<td>410-30-13&lt;br&gt;&lt;br&gt;8/13/08 to 9/30/10&lt;br&gt;EMERY, MARY&lt;br&gt;SOCIOLOGY-CALS</td>
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<td>$6,550</td>
<td>DEPARTMENT OF VETERANS AFFAIRS&lt;br&gt;Treatment of Visual Loss in Glaucoma and Ischemia with Neurotrophic Growth Factors</td>
<td>428-23-03&lt;br&gt;&lt;br&gt;10/1/05 to 9/30/08&lt;br&gt;GROZDANIC, SINISA&lt;br&gt;VETERINARY CLINICAL SCIENCES&lt;br&gt;SAKAGUCHI, DONALD&lt;br&gt;GENETICS, DEVELOPMENT &amp; CELL BIOLOGY</td>
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<td>$6,250</td>
<td>IOWA 4-H FOUNDATION&lt;br&gt;Local Support for Iowa AmeriCorps State of Promise Program</td>
<td>400-33-64&lt;br&gt;&lt;br&gt;9/1/08 to 8/31/09&lt;br&gt;BROSHAR, DONNIE&lt;br&gt;EXTENSION 4-H YOUTH DEVELOPMENT-EXT</td>
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<td>$6,201</td>
<td>CAREMOLI&lt;br&gt;Review Papers on Health Effects of Natural Grain and Legume Starch Processing and Omega-3 Fatty Acid Fortification</td>
<td>400-28-10&lt;br&gt;&lt;br&gt;9/1/08 to 10/31/08&lt;br&gt;HENDRICH, SUZANNE&lt;br&gt;FOOD SCIENCE &amp; HUMAN NUTRITION-HS</td>
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<tr>
<td>Date</td>
<td>Amount</td>
<td>Purpose</td>
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<td>10/1/07</td>
<td>$5,760</td>
<td>Small Business Development Center Small Business Administration Cooperative Agreement</td>
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<td>$5,500</td>
<td>Research Support Agreement</td>
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<td>$5,000</td>
<td>Determination of Eligibility for Backcountry Patrol Cabins</td>
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<td>9/1/08</td>
<td>$4,688</td>
<td>Local Support for Iowa AmeriCorps State of Promise Program</td>
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<td>3/15/07</td>
<td>$4,536</td>
<td>LTREB: Long-Term Research on Environmental Gender Determination in a Model System: The Next 5 Years: Supplement</td>
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<td>Date</td>
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<td>9/1/08</td>
<td>$4,016</td>
<td>BOYS AND GIRLS CLUBS OF CENTRAL IOWA</td>
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<td>8/17/08</td>
<td>$3,750</td>
<td>DRAKE UNIVERSITY</td>
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<td>8/1/08</td>
<td>$3,650</td>
<td>THE FOOD PROJECT</td>
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<td>$3,331</td>
<td>DEPARTMENT OF AGRICULTURE, ARS</td>
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<td>9/1/08</td>
<td>$3,031</td>
<td>MICHIGAN STATE UNIVERSITY</td>
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I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$3,029 MISSOURI AND MISSISSIPPI DIVIDE RESOURCE CONSERVATION & DEVELOPMENT COUNCIL, INC.
Scaling up to Market: Building Organizational and Productive Capacity Among Immigrant Community Gardeners
8/1/08 to 7/31/09 EXTENSION/PUBLIC
FLORA, JAN
LEWIS, HANNAH
CO-PI
SOCIIOLOGY-EXT
SOCIIOLOGY-EXT
MISSOURI AND MISSISSIPPI DIVIDE RESOURCE CONSERVATION & DEVELOPMENT COUNCIL, INC.
$3,000 IOWA DEPARTMENT OF ECONOMIC DEVELOPMENT
Gut Health: Microbes, Immunity, Diet, Exercise, and Disease Prevention Symposium
4/17/08 to 9/30/08 EXTENSION/PUBLIC
HENDRICH, SUZANNE
FOOD SCIENCE & HUMAN NUTRITION-HS
$3,000 IOWA COLLEGE STUDENT AID COMMISSION
Student Assistant Grant
7/1/08 to 6/30/09 STUDENT FINANCIAL AID
JOHNSON, ROBERTA
STUDENT FINANCIAL AID-VPSA
$2,990 DEPARTMENT OF AGRICULTURE, ARS
Research Support Agreement
10/1/07 to 9/30/08 RESEARCH
ANDREASEN, CLAIRE
VETERINARY PATHOLOGY
$2,560 IOWA DEPARTMENT OF PUBLIC HEALTH
Analysis of Tobacco Sales Data
7/1/08 to 6/30/09 RESEARCH
SHELLEY, MACK
STATISTICS-LAS
$2,344 ADAIR COUNTY EXTENSION
Local Support for Iowa AmeriCorps State of Promise Program
9/1/08 to 8/31/09 EXTENSION/PUBLIC
BROSHAR, DONNIE
EXTENSION 4-H YOUTH DEVELOPMENT-EXT
I I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$2,120  DEPARTMENT OF AGRICULTURE, ARS  
Research Support Agreement  
10/1/07 to 9/30/08  RESEARCH  
LAMKEY, KENDALL  AGRONOMY  
419-41-61

$1,563  MAHASKA COMMUNITY RESEARCH FOUNDATION  
Local Support for Iowa AmeriCorps State of Promise Program  
9/1/08 to 8/31/09  EXTENSION/PUBLIC  
BROSHAR, DONNIE  EXTENSION 4-H YOUTH DEVELOPMENT-EXT  
400-33-64

$1,563  IOWA COUNCIL OF FOUNDATIONS  
Local Support for Iowa AmeriCorps State of Promise Program  
9/1/08 to 8/31/09  EXTENSION/PUBLIC  
BROSHAR, DONNIE  EXTENSION 4-H YOUTH DEVELOPMENT-EXT  
400-33-64

$1,438  DEPARTMENT OF AGRICULTURE, FSA  
Phase 1 Archaeological Survey for a Cattle Feeding Building in Lyon County  
8/15/08 to 12/31/08  EXTENSION/PUBLIC  
HILL, MATTHEW  ANTHROPOLOGY-LAS  
412-21-11

$1,288  DEPARTMENT OF AGRICULTURE, FSA  
Phase 1 Archaeological Survey for a Wind Farm in Howard County  
8/12/08 to 12/31/08  EXTENSION/PUBLIC  
HILL, MATTHEW  ANTHROPOLOGY-LAS  
412-21-11

$1,228  DEPARTMENT OF AGRICULTURE, FSA  
Phase 1 Archaeological Survey for Two Hog Confinements in Sac County  
8/20/08 to 12/31/08  EXTENSION/PUBLIC  
HILL, MATTHEW  ANTHROPOLOGY-LAS  
412-21-11
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$1,228  DEPARTMENT OF AGRICULTURE, FS
         Phase 1 Archaeological Survey for Two Hog Confinements in Davis County
         9/3/08 to 12/31/08  EXTENSION/PUBLIC
         HILL, MATTHEW       ANTHROPOLOGY-LAS

$781   ASPIRE THERAPEUTIC RIDING PROGRAM
         Local Support for Iowa AmeriCorps State of Promise Program
         9/1/08 to 8/31/09  EXTENSION/PUBLIC
         BROSHAR, DONNIE     EXTENSION 4-H YOUTH DEVELOPMENT-EXT

$781   HORIZON AFTER SCHOOL PROGRAM
         Local Support for Iowa AmeriCorps State of Promise Program
         9/1/08 to 8/31/09  EXTENSION/PUBLIC
         BROSHAR, DONNIE     EXTENSION 4-H YOUTH DEVELOPMENT-EXT

$750   ROCKFORD AFTERSCHOOL PROGRAM
         Local Support for Iowa AmeriCorps State of Promise Program
         9/1/08 to 8/31/09  EXTENSION/PUBLIC
         BROSHAR, DONNIE     EXTENSION 4-H YOUTH DEVELOPMENT-EXT

$285   HARTLEY PUBLIC LIBRARY
         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