I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$1,198,000  DEPARTMENT OF ENERGY

Investigations in Experimental and Theoretical High Energy Physics

11/1/07 to 10/31/08  RESEARCH

ROSENBERG, ELI I  PHYSICS & ASTRONOMY
VALENCIA, GERMAN  PHYSICS & ASTRONOMY
WHISNANT, KERRY L  PHYSICS & ASTRONOMY
ATWOOD, DAVID M  PHYSICS & ASTRONOMY
KRENNRICH, FRANK  PHYSICS & ASTRONOMY
CARTER-LEWIS, DAVID A  PHYSICS & ASTRONOMY
POHL, MARTIN K  PHYSICS & ASTRONOMY
HAUPTMAN, JOHN M  PHYSICS & ASTRONOMY
COCHRAN, JAMES H  PHYSICS & ASTRONOMY
CRAWLEY, HENRY B  PHYSICS & ASTRONOMY
PRELL, SOEREN A  PHYSICS & ASTRONOMY
MEYER, WALTER T  PHYSICS & ASTRONOMY

$535,000  DEPARTMENT OF ENERGY

Relativistic Heavy Ion Physics

11/15/07 to 11/14/08  RESEARCH

HILL, JOHN C  PHYSICS & ASTRONOMY
LAJOIE, JOHN G  PHYSICS & ASTRONOMY
OGILVIE, CRAIG A  PHYSICS & ASTRONOMY
ROSATI, MARZIA  PHYSICS & ASTRONOMY

$500,000  AMERICAN CONCRETE PAVING ASSOCIATION

Management Support for National CP Tech Center

1/1/08 to 12/31/08  DEPT/ADMIN SUPPORT

CACKLER, E THOMAS  CENTER FOR TRANSPORTATION RESEARCH & EDUCATION

$446,972  DEPARTMENT OF AGRICULTURE, NRI

Genetic Regulation and Genomic Selection of Energy Balance Traits in Dairy Cattle

3/1/08 to 2/28/11  RESEARCH

SPURLOCK, DIANE M  ANIMAL SCIENCE
DEKKERS, JACK C  ANIMAL SCIENCE
FERNANDO, ROHAN L  ANIMAL SCIENCE
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$277,328 DEPARTMENT OF DEFENSE
New Delivery System for the Iowa Procurement Technical Assistance Center
1/1/08 to 12/31/08 EXTENSION/PUBLIC
COX, RONALD A CENTER FOR INDUSTRIAL RESEARCH & SERVICE

$265,636 NATIONAL INSTITUTES OF HEALTH
Regulations of Snare Dependent Membrane Fusion
12/15/07 to 11/30/08 RESEARCH
SHIN, YEON-KYUN BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY

$231,753 NATIONAL INSTITUTES OF HEALTH
Regulation of Chromatin Structure and Gene Expression
1/1/08 to 12/31/08 RESEARCH
JOHANSEN, KRISTEN M BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY
JOHANSEN, JORGEN BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY
GIRTON, JACK R BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY

$200,000 DEPARTMENT OF AGRICULTURE
Iowa Alliance for Cooperative Business Development
11/26/07 to 11/25/08 EXTENSION/PUBLIC
GINDER, ROGER D ECONOMICS
JARBOE, DARREN H CENTER FOR CROPS UTILIZATION RESEARCH
HANSEN, RAYMOND S VALUE ADDED AGRICULTURE
OLSON, FRAYNE ECONOMICS

$200,000 IOWA PORK PRODUCERS ASSOCIATION
Agreement Between IPPA and Iowa State University for Conducting Fundamental and Applied Swine Nutrition Research
10/1/07 to 9/30/10 RESEARCH
HOGBERG, MAYNARD G ANIMAL SCIENCE

$197,000 IOWA DEPARTMENT OF PUBLIC HEALTH
M C H 1-800 Healthy Families Teenline
10/1/07 to 9/30/08 EXTENSION/PUBLIC
GLENN, SHERRY J EXTENSION TO FAMILIES
December 01 - 31, 2007

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$197,000  IOWA DEPARTMENT OF PUBLIC HEALTH  478-30-19

M C H 1-800 Healthy Families Teenline

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

CO-PI  VAN GINKEL, MARGARET  EXTENSION TO FAMILIES

$195,951  IOWA DEPARTMENT OF NATURAL RESOURCES  473-42-07

Lake Restoration Diagnostic and Feasibility Study - Upper Gar Lake, Lake Minnewashta, and Lower Gar Lake

9/1/07 to 10/31/09  RESEARCH

DOWNING, JOHN A  ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY

WAGNER, MIMI M  LANDSCAPE ARCHITECTURE

$195,592  MOLECULAR EXPRESS, INC.  404-25-68

Aptamers for Imaging and Therapy

12/24/06 to 8/31/10  RESEARCH

KRAUS, GEORGE A  CHEMISTRY

LEVINE, HOWARD A  MATHEMATICS

$175,033  IOWA DEPARTMENT OF NATURAL RESOURCES  473-40-70

Lake Restoration Diagnostic and Feasibility Study - Easter Lake

9/1/07 to 10/31/09  RESEARCH

DOWNING, JOHN A  ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY

WAGNER, MIMI M  LANDSCAPE ARCHITECTURE

$166,122  UNIVERSITY OF GEORGIA  404-17-40

Risk, Resilience, and Disorder: African Americans Transitioning to Adulthood

9/27/07 to 6/30/08  RESEARCH

CUTRONA, CAROLYN E  PSYCHOLOGY

GIBBONS, FREDERICK X  PSYCHOLOGY

$164,132  IOWA DEPARTMENT OF NATURAL RESOURCES  473-30-89

Manure Applicator Certification Training

7/1/07 to 6/30/08  EXTENSION/PUBLIC

MILLER, GERALD A  AGRONOMY
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$164,132  IOWA DEPARTMENT OF NATURAL RESOURCES
    Manure Applicator Certification Training
    7/1/07 to 6/30/08 EXTENSION/PUBLIC
    RIECK-HINZ, ANGELA M
    AGRONOMY

$153,000  DEPARTMENT OF AGRICULTURE, CSREES
    Moving from Multidisciplinary to Interdisciplinary Graduate Study in Sustainable Agriculture
    1/15/08 to 1/14/13 FELLOWSHIP
    WELLS, BETTY L
    SOCIOMETRY
    LIEBMAN, MATTHEW Z
    AGRONOMY

$129,427  UNIVERSITY OF MINNESOTA
    Implementing Biointensive Post Management and Evaluating Hard Cider Manufacturing to Increase Sustainability of Apple Production
    9/1/07 to 8/31/10 RESEARCH
    GLEASON, MARK L
    PLANT PATHOLOGY
    DOMOTO, PAUL A
    HORTICULTURE
    LEWIS, DONALD R
    ENTOMOLOGY
    JESSE, LAURA C
    PLANT PATHOLOGY
    WILSON, LESTER A
    FOOD SCIENCE & HUMAN NUTRITION
    REITMEIER, CHERYLL A
    FOOD SCIENCE & HUMAN NUTRITION

$125,000  AIR FORCE OFFICE OF SCIENTIFIC RESEARCH
    Informatics Aided Alloy Design
    12/1/07 to 11/30/08 RESEARCH
    RAJAN, KRISHNA
    MATERIALS SCIENCE & ENGINEERING

$116,489  VORTEX WIND ENERGY, LLC
    Wind Tunnel Modeling and Computational Fluid Dynamics Analysis of Wind Turbine Design
    1/16/08 to 12/31/08 RESEARCH
    HAAN, FREDERICK L
    AEROSPACE ENGINEERING
    WANG, ZHI J
    AEROSPACE ENGINEERING
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$116,139 INNOVATIVE SCIENTIFIC SOLUTIONS, INC
Ballistic Imaging for Dense Spray Diagnostics in Harsh Chemically Reacting Environments
11/15/07 to 11/14/08 RESEARCH
MEYER, TERRENCE MECHANICAL ENGINEERING

$115,000 NATIONAL SCIENCE FOUNDATION
Biodiversity in Native and Exotic Communities
12/17/07 to 12/31/08 RESEARCH
WILSEY, BRIAN J ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY

$105,000 ALCORN STATE UNIVERSITY
Enhance Economical Value of Sweetpotato by Developing Specialty Cultivars Optimal for Novel Dietary Applications Using Genomics and Biotechnology Approaches
9/1/07 to 8/31/10 RESEARCH
JAMES, MARTHA G BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY

$100,000 ENVIRONMENTAL PROTECTION AGENCY
Biofuel Feedstock Landscape Coverage and Ecoservice Implications for Various Biofuel Industry Scenarios
10/1/07 to 9/30/09 RESEARCH
CRUSE, RICHARD M AGRONOMY
KLING, CATHERINE L ECONOMICS
SECCHI, SILVIA CENTER FOR AGRICULTURAL & RURAL DEVELOPMENT
TOKGOZ, SIMLA CENTER FOR AGRICULTURAL & RURAL DEVELOPMENT
ELOBEID, AMANI E CENTER FOR AGRICULTURAL & RURAL DEVELOPMENT

$100,000 IOWA DEPARTMENT OF TRANSPORTATION
Development of an Improved Agricultural-Based Deicing Product
11/15/07 to 11/14/09 RESEARCH
TAYLOR, PETER C CIVIL, CONSTRUCTION AND ENVIRONMENTAL ENGINEERING
VERKADE, JOHN CHEMISTRY

$94,983 NATIONAL SCIENCE FOUNDATION
12/21/07 to 4/30/09 RESEARCH
BERESNEV, IGOR GEOLOGICAL & ATMOSPHERIC SCIENCES
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$94,983  NATIONAL SCIENCE FOUNDATION
12/21/07 to 4/30/09  RESEARCH
CO-PI VIGIL, DENNIS R  CHEMICAL & BIOLOGICAL ENGINEERING

$85,593  POINTWISE, INC
Mesh Generation: Algorithm, User Interface, and User Support
12/15/07 to 9/30/08  RESEARCH
SHIH, TOM I-PING  AEROSPACE ENGINEERING

$81,721  OFFICE OF NAVAL RESEARCH
Optimizing the Hot-Corrosion Resistance of Novel Cr-Pt+Hf-modified y-Ni+y'-Ni3Al Coatings
5/19/06 to 9/30/08  RESEARCH
GLEESON, BRIAN  MATERIALS SCIENCE & ENGINEERING

$79,999  BOEING COMPANY
Metallurgical Assessment, Modeling, and Characterization of Aluminum and Titanium Alloys for Joinable, High Strength Aluminum Alloy Development and Affordable Super Fine-Grained Titanium Alloy Development
9/27/07 to 11/30/07  RESEARCH
RAJAN, KRISHNA  MATERIALS SCIENCE & ENGINEERING

$77,068  DEPARTMENT OF EDUCATION
Pell Grant, FY08
7/1/07 to 6/30/08  STUDENT FINANCIAL AID
JOHNSON, ROBERTA L  VICE PRESIDENT FOR STUDENT AFFAIRS

$75,000  CONOCOPHILLIPS COMPANY
Biofuels Research Program
4/1/07 to 12/31/07  RESEARCH
BROWN, ROBERT C  MECHANICAL ENGINEERING
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$72,465  IOWA DEPARTMENT OF TRANSPORTATION
Pontis Implementation and Operation: Iowa Department of Transportation
11/1/07  to 10/31/08    RESEARCH
SMADI, OMAR G    CIVIL, CONSTRUCTION & ENVIRONMENTAL ENGINEERING

$68,695  UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION
The Causes, Consequences, and Future of Senior Hunger in America
10/8/07  to 3/30/08    RESEARCH
GUNDERSEN, CRAIG    HUMAN DEVELOPMENT & FAMILY STUDIES

$66,413  UNIVERSITY OF COLORADO
Development, Verification and Validation of Multiphase Models for Polydisperse Flow
5/18/07  to 5/17/08    RESEARCH
SUBRAMANIAM, SHANKAR    MECHANICAL ENGINEERING
FOX, RODNEY O    CHEMICAL & BIOLOGICAL ENGINEERING

$65,000  DEPARTMENT OF AGRICULTURE
Incorporation of Field-Scale Risk Assessment Tools into I-Farm for Use by Consultants and Producers
9/28/06  to 9/30/08    RESEARCH
ANEX, ROBERT P    AGRICULTURAL & BIOSYSTEMS ENGINEERING

$65,000  INNOVATIVE SCIENTIFIC SOLUTIONS, INC
Studies of Injection and Ignition for Gas-Turbine Afterburners
12/1/07  to 11/30/08    RESEARCH
MEYER, TERRENCE    MECHANICAL ENGINEERING

$64,490  OFFICE OF NAVAL RESEARCH
Understanding Competitive Kinetics and Systems Thermodynamics to Guide the Development of Improved Next-Generation
y-Ni+y'-Ni3Al-Based Bond Coating for Advanced Thermal Barrier Coating Systems
12/1/06  to 11/30/09    RESEARCH
GLEESON, BRIAN    MATERIALS SCIENCE & ENGINEERING
SORDELET, DANIEL J    MATERIALS SCIENCE & ENGINEERING
December 01 - 31, 2007

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$64,020 UNIVERSITY OF NEBRASKA, LINCOLN
Functional Analysis of Soybean Genes Through Transposon Mutagenesis
10/1/05 to 9/30/08 RESEARCH
WANG, KAN AGRONOMY

$64,000 UNIVERSITY OF NEW MEXICO
PIRE: Molecular Engineering for Conversion of Biomass-Derived Reactants to Fuels, Chemicals and Materials
9/1/07 to 8/31/08 RESEARCH
SHANKS, BRENT H CHEMICAL & BIOLOGICAL ENGINEERING

$60,066 IOWA DEPARTMENT OF PUBLIC HEALTH
Wisewoman: Cardiovascular Disease Risk Reduction Project
6/30/07 to 6/29/08 EXTENSION/PUBLIC
LITCHFIELD, RUTH E FOOD SCIENCE & HUMAN NUTRITION

$60,000 IOWA DEPARTMENT OF TRANSPORTATION
Contract for Services for Bayesian Analysis of Traffic Crash Data Using Hierarchical Models with a Spatial Error Structure
8/15/07 to 5/31/09 RESEARCH
CARRIQUIRY, ALICIA L STATISTICS

$54,091 SYNGENTA CROP PROTECTION
Interactions Among Plant Parasitic Nematodes and Fungal Pathogens of Corn and Their Management with Seed Treatments
6/1/07 to 12/31/08 RESEARCH
MUNKVOLD, GARY P PLANT PATHOLOGY

$53,486 NATIONAL INSTITUTES OF HEALTH
Control of Cap-Independent Translation by a Viral 3’ UTR
9/24/07 to 7/31/08 RESEARCH
MILLER, WYATT A PLANT PATHOLOGY
December 01 - 31, 2007

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$50,944 QUANTUMSPHERE, INC
Testing the Antimicrobial Effects of QSI-Nano® Metalnanoparticles: Basic Research and Applications

1/1/08 to 12/31/08 RESEARCH
BREHM-STECHER, BYRON F
FOOD SCIENCE & HUMAN NUTRITION

$50,000 MAYO CLINIC
Automated Reporting System for Colonoscopy

1/1/07 to 12/31/07 RESEARCH
TAVANAPONG, WALLAPA
COMPUTER SCIENCE

CO-PI WONG, JOHNNY S
COMPUTER SCIENCE

$50,000 SAFESOY TECHNOLOGIES
Commercializing New Fractionated Soy Proteins to Improve Human Health and Food Quality

7/1/06 to 5/31/08 RESEARCH
JOHNSON, LAWRENCE A
FOOD SCIENCE & HUMAN NUTRITION

CO-PI DEAK, NICOLAS A
FOOD SCIENCE & HUMAN NUTRITION

$50,000 NATIONAL PORK BOARD
Development of New Risk Assessment and Enhancements to the Web Application for the Production Animal Disease Risk Assessment Program

12/1/07 to 12/1/08 RESEARCH
HOLTKAMP, DERALD J
VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE

CO-PI OCONNOR, ANNETTE M
VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE

$46,441 BOEHRINGER INGELHEIM VETMEDICA
Development of an Enteric Model for PCV2

9/20/07 to 12/31/08 RESEARCH
OPRIESSNIG, TANJA I
VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE

$44,705 VETERANS ADMINISTRATION MEDICAL CENTER - IOWA CITY
Neurotrophic Growth Factor Treatment for Optic Nerve Damage

10/1/07 to 9/30/08 RESEARCH
GROZDANIC, SINISA
VETERINARY CLINICAL SCIENCES
January - December 2007

I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$40,000 Iowa Department of Education

Early Childhood Professional Development

9/1/07 to 6/30/08 EXTENSION/PUBLIC

WARNING, JEANNE M
OESTERREICH, LESIA L

9/1/07 to 6/30/08 EXTENSION TO FAMILIES

HUMAN DEVELOPMENT & FAMILY STUDIES

$38,013 University of Vermont

Farmland Access, Tenure and Succession: Impacts on Small and Medium-Sized Farms, Land Use and the Environment

9/1/07 to 8/31/10 RESEARCH

DUFFY, MICHAEL D
BAKER, JOHN R
STEINER, CHARLES R

$36,000 Iowa Pork Producers

Epidemiological Investigation of the Role of Retroviremia in Endemic Diseases of Swine

12/1/07 to 12/1/08 RESEARCH

BAKER, RODNEY B
OPRIESSNIG, TANJA I

$35,947 Woodbury County Agricultural Extension District

Woodbury County Basics

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

MCGILL, SHERRY L
SWEERS, RENEE J

$35,000 Boeing Company

Model-Assisted Evaluation of Porosity in Composites

11/12/07 to 6/30/08 RESEARCH

GRAY, TIMOTHY A
HSU, DAVID K
BARNARD, DAN J
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$34,917  YALE UNIVERSITY
Comparative Analysis of C3 and C4 Leaf Development in Rice, Sorghum and Maize
8/1/07  to  7/31/08  RESEARCH
LIU, PENG  STATISTICS

$32,352  ARMY CORPS OF ENGINEERS
Water Quality Study, Saylorville Reservoir-Rock Island District
10/1/07  to  12/31/07  RESEARCH
LUTZ, DONNA S  CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING
ONG, SAY KEE  CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING

$31,731  PRAIRIE LAKES AREA EDUCATION AGENCY
Evaluation of the Integrated Systems Service Model at Prairie Lakes Area Education Agency
8/1/07  to  5/31/08  RESEARCH
KEMIS, MARI R  RESEARCH INSTITUTE FOR STUDIES IN EDUCATION
GALLOWAY, ROBIN L  RESEARCH INSTITUTE FOR STUDIES IN EDUCATION

$30,000  IOWA DEPARTMENT OF TRANSPORTATION
Redevelopment of the Safety Analysis, Visualization, and Exploration Resource
10/1/07  to  12/31/08  MISCELLANEOUS
MITRA, SIMANTA  COMPUTER SCIENCE

$30,000  SCHOOL ADMINISTRATORS OF IOWA
Evaluation of the Iowa Statewide Parental Information and Resource Center
10/1/07  to  9/30/08  RESEARCH
GALLOWAY, ROBIN L  RESEARCH INSTITUTE FOR STUDIES IN EDUCATION
KEMIS, MARI R  RESEARCH INSTITUTE FOR STUDIES IN EDUCATION

$30,000  IOWA ARMY NATIONAL GUARD
Wetland Mitigation Project, Continuation
1/1/08  to  12/31/08  RESEARCH
MCMULLEN, CATHERINE  NATURAL RESOURCE ECOLOGY & MANAGEMENT
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

December 01 - 31, 2007

$30,000 AMERICAN CORN GROWERS FOUNDATION
Evaluation of the Wealth from the Wind Project
7/1/07 to 12/31/08 RESEARCH
KEMIS, MARI R CO-PI
ANDERSON, MARY JO
RESEARCH INSTITUTE FOR STUDIES IN EDUCATION

$26,928 KEMIN NUTRISURANCE
Efficacy of Mycotoxin Binder Against Fumonisins, Zearalenone, and Vomitoxin in Rat Feeding
12/31/07 to 12/30/08 RESEARCH
HENDRICH, SUZANNE
FOOD SCIENCE & HUMAN NUTRITION

$25,223 NATIONAL SCIENCE FOUNDATION
Linear Algebra and Applications Graduate Summer School
6/1/08 to 5/31/09 INSTRUCTION/TRAINING
HOGBN, LESLIE CO-PI
KLIEMANN, WOLFGANG H CO-PI
POON, YIU T CO-PI
MATHEMATICS

$25,000 UNITED SOYBEAN BOARD
Harmonization of USB Soybean NIR Efforts: Whole Grain Instruments
10/1/07 to 9/30/08 RESEARCH
HURBURGH, CHARLES R
AGRICULTURAL & BIOSYSTEMS ENGINEERING

$25,000 MIDWEST TRANSMISSION INDEPENDENT SYSTEM
Midwest Transmission Independent Systems-Electric Power Research
1/1/07 to 12/31/08 RESEARCH
BAIRD, TOM C
ELECTRIC POWER RESEARCH CENTER

$24,923 UNIVERSITY OF NEBRASKA, LINCOLN
NC506 Work Group Four: Social Impacts
10/1/07 to 9/30/08 RESEARCH
FLORA, CORNELIA B
SOCIOLOGY
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

December 01 - 31, 2007

$20,000 DES MOINES INDEPENDENT COMMUNITY SCHOOL DISTRICT

Evaluation of the AP Incentive Grant

11/1/06 to 10/30/08 RESEARCH
KEMIS, MARI R
RESEARCH INSTITUTE FOR STUDIES IN EDUCATION

$20,000 STORK TOWNSEND, INC.

Townsend Engineering

1/1/07 to 12/31/07 DEPT/ADMIN SUPPORT
CORDRAY, JOSEPH C
ANIMAL SCIENCE

$20,000 AMERICAN INSTITUTE OF MATHEMATICS

Contract Between American Institute of Mathematics and Iowa State University

10/1/07 to 9/30/08 MISCELLANEOUS
HOGBEN, LESLIE
MATHEMATICS

$20,000 MISSISSIPPI STATE UNIVERSITY

Evaluation of Atoms2XP Project

8/1/07 to 7/31/08 RESEARCH
KEMIS, MARI R
CO-PI
RESEARCH INSTITUTE FOR STUDIES IN EDUCATION
SHELLEY, MACK C
POLITICAL SCIENCE

$19,800 SOUTHERN ILLINOIS UNIVERSITY

Application of Biotechnology to Control the Soybean Cyst Nematode: Soybean Resistance Genes

9/1/06 to 9/30/08 RESEARCH
CIANZIO, SILVIA R
AGRONOMY

$19,461 NATIONAL PORK BOARD

Pharmacokinetics and Tissue Residues of Procaine Penicillin G in Finishing Swine after Administration of 33,000 IU/KG Intramuscularly and by Needle-Free Injection in the Neck

12/1/07 to 12/1/08 RESEARCH
KARRIKER, LOCKE
VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE
## December 01 - 31, 2007

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

<table>
<thead>
<tr>
<th>Amount</th>
<th>Institution</th>
<th>Description</th>
<th>Start Date</th>
<th>End Date</th>
<th>PI</th>
<th>Co-PI(s)</th>
<th>Amount</th>
<th>Sponsor</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>$19,000</td>
<td>Kansas State University</td>
<td>K-State Learning Enhancement Action/Resource Network</td>
<td>8/1/07</td>
<td>5/30/08</td>
<td>Licklider, Barbara L</td>
<td>Educational Leadership &amp; Policy Studies</td>
<td>400-28-76</td>
<td></td>
<td></td>
</tr>
<tr>
<td>$19,000</td>
<td>Southern Illinois University</td>
<td>Managing Frogeye Spot and Charcoal Rot in the North Central Region</td>
<td>3/1/07</td>
<td>2/28/08</td>
<td>Yang, Xia Bing, Harrington, Thomas C</td>
<td>Plant Pathology</td>
<td>400-40-73</td>
<td></td>
<td></td>
</tr>
<tr>
<td>$18,921</td>
<td>Army Corps of Engineers</td>
<td>Water Quality Study, Red Rock Reservoir-Rock Island District</td>
<td>10/1/07</td>
<td>12/31/07</td>
<td>Lutz, Donna S, Ong, Say Kee</td>
<td>Civil, Construction, &amp; Environmental Engineering</td>
<td>421-20-28</td>
<td></td>
<td></td>
</tr>
<tr>
<td>$17,500</td>
<td>Iowa Department of Transportation</td>
<td>Iowa Traffic Safety Data Service (ITSDS)</td>
<td>5/1/05</td>
<td>5/31/09</td>
<td>Souleyrette, Reginald</td>
<td>Civil, Construction, &amp; Environmental Engineering</td>
<td>474-77-31</td>
<td></td>
<td></td>
</tr>
<tr>
<td>$16,950</td>
<td>Iowa State Research Foundation, Inc</td>
<td>Thermal Spray Ni-Al-(Pt)-Hf-Cr-Si Bond Coats for Thermal Barrier Coatings</td>
<td>10/15/07</td>
<td>5/15/08</td>
<td>Sordelet, Daniel J</td>
<td>Ames Lab</td>
<td>405-25-11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>$16,438</td>
<td>National Institute of Justice</td>
<td>Forensic Analysis of Ink Using a Revolutionary Mass Spectrometry Method</td>
<td>11/29/07</td>
<td>1/31/08</td>
<td>Mcclelland, John F</td>
<td>Ames Laboratory</td>
<td>428-25-04</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## December 01 - 31, 2007

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

<table>
<thead>
<tr>
<th>Grant ID</th>
<th>Amount</th>
<th>Source</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>419-40-65</td>
<td>$16,000</td>
<td>DEPARTMENT OF AGRICULTURE, ARS</td>
<td>Research Support Agreement</td>
</tr>
<tr>
<td>10/1/06 to 9/30/07</td>
<td></td>
<td>LAMKEY, KENDALL R</td>
<td>AGRONOMY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grant ID</th>
<th>Amount</th>
<th>Source</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>400-41-61</td>
<td>$15,000</td>
<td>FARM FOUNDATION</td>
<td>Rural Community Visioning/Planning: What has Worked?</td>
</tr>
<tr>
<td>12/10/07 to 12/1/08</td>
<td></td>
<td>FLORA, CORNELIA B</td>
<td>SOCIOLGY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grant ID</th>
<th>Amount</th>
<th>Source</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>471-30-17</td>
<td>$15,000</td>
<td>IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP</td>
<td>Education and Training Components of Iowa's Pesticide Management Plan</td>
</tr>
<tr>
<td>10/1/07 to 6/30/08</td>
<td></td>
<td>BROWN, PAUL W</td>
<td>EXTENSION TO AGRICULTURE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>POPE, RICHARD O</td>
<td>ENTOMOLOGY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grant ID</th>
<th>Amount</th>
<th>Source</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>471-30-18</td>
<td>$15,000</td>
<td>IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP</td>
<td>Worker Protection Outreach Projects</td>
</tr>
<tr>
<td>10/1/07 to 6/30/08</td>
<td></td>
<td>BROWN, PAUL W</td>
<td>EXTENSION TO AGRICULTURE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NAEVE, LINDA L</td>
<td>ENTOMOLOGY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grant ID</th>
<th>Amount</th>
<th>Source</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>478-28-13</td>
<td>$14,064</td>
<td>IOWA DEPARTMENT OF ELDER AFFAIRS</td>
<td>Iowa Department of Elder Affairs' Website Renovation: Renewal of Contract #29705E50</td>
</tr>
<tr>
<td>10/1/07 to 2/29/08</td>
<td></td>
<td>AUH, SEONGYEON</td>
<td>EDUCATIONAL LEADERSHIP &amp; POLICY STUDIES</td>
</tr>
<tr>
<td></td>
<td></td>
<td>SHELLEY, MACK C</td>
<td>STATISTICS</td>
</tr>
<tr>
<td></td>
<td></td>
<td>KEMIS, MARI R</td>
<td>RESEARCH INSTITUTE FOR STUDIES IN EDUCATION</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grant ID</th>
<th>Amount</th>
<th>Source</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>420-61-94</td>
<td>$12,000</td>
<td>NATIONAL SCIENCE FOUNDATION</td>
<td>REU Supplement: Safety Analysis of Evolving Product Lines</td>
</tr>
<tr>
<td>12/4/07 to 1/31/09</td>
<td></td>
<td>LUTZ, ROBYN R</td>
<td>COMPUTER SCIENCE</td>
</tr>
</tbody>
</table>
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$11,905  UNITED WAY OF CENTRAL IOWA
Making Connections in Des Moines: Data Analysis, Reporting and Preparation for Wave 3
7/1/07 to 12/31/07  EXTENSION/PUBLIC
LARSON, KATHLENE A  SOCIOLOGY

$11,745  HUMANITIES IOWA
Iowa Cultural Traditions in Fiber Arts
1/1/08 to 1/31/09  RESEARCH
MARCKETTI, SARA B  APPAREL EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT
KADOLPH, SARA J  APPAREL EDUCATIONAL STUDIES & HOSPITALITY MANAGEMENT

$10,341  IOWA DEPARTMENT OF NATURAL RESOURCES
Lake Restoration Diagnostic and Feasibility-Prairie Rose Lake, Green Valley Lake, Lake Darling and Lizard Lake
9/1/06 to 3/31/08  RESEARCH
DOWNING, JOHN A  ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY
WAGNER, MIMI M  LANDSCAPE ARCHITECTURE

$10,000  MARQUETTE UNIVERSITY
Laboratory Testing on HMA and Asphalt Binder Materials
5/1/07 to 8/31/08  RESEARCH
WILLIAMS, R CHRISTOPHER  CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING
NAMBISAN, SHASHI  CENTER FOR TRANSPORTATION RESEARCH & EDUCATION

$10,000  UNITED SOYBEAN BOARD
Regional Variation in Soybean Traits Data Mining and Analysis; Year 2
10/1/07 to 9/30/08  RESEARCH
HURBURGH, CHARLES R  AGRICULTURAL & BIOSYSTEMS ENGINEERING

$9,969  UNIVERSITY OF MINNESOTA
Energy Use and Nutrient Cycling in Pig Production Systems
8/1/07 to 7/31/09  RESEARCH
HONEYMAN, MARK S  ANIMAL SCIENCE
December 01 - 31, 2007

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$9,131 UNIVERSITY OF MINNESOTA  
Small Meat Lockers Working Group  
8/15/07 to 5/31/08 EXTENSION/PUBLIC  
FLORA, CORNELIA B  
SOCIOLOGY

$7,500 UNIVERSITY OF MINNESOTA  
Participant Costs in Program Mathematics of Molecular and Cellular Biology  
1/1/08 to 6/30/08 RESEARCH  
BOUSHABA, KHALID  
MATHEMATICS

$6,900 ARIZONA STATE UNIVERSITY  
United States-Brazil Higher Education Consortia Program  
10/1/07 to 9/30/08 RESEARCH  
GEIGER, RANDALL L  
ELECTRICAL & COMPUTER ENGINEERING

$6,023 CENTERVILLE COMMUNITY SCHOOL DISTRICT  
Local Support for Iowa AmeriCorps State of Promise Program  
9/1/07 to 8/31/08 EXTENSION/PUBLIC  
BROSHAR, DONNIE R  
4H YOUTH DEVELOPMENT

$5,092 DEPARTMENT OF VETERANS AFFAIRS  
Treatment of Visual Loss in Glaucoma and Ischemia with Neurotrophic Growth Factors  
10/1/06 to 9/30/07 RESEARCH  
GROZDANIC, SINISA  
VETERINARY CLINICAL SCIENCES  
SAKAGUCHI, DONALD S  
GENETICS, DEVELOPMENT & CELL BIOLOGY

$5,000 IOWA DEPARTMENT OF PUBLIC HEALTH  
Food Stamp Nutrition Education Evaluation # MOU-2008-ISU-NU01  
10/1/07 to 9/30/08 RESEARCH  
SHELLEY, MACK C  
STATISTICS
## I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

### $5,000 NATIONAL SCIENCE FOUNDATION
- National Science Foundation Minority Postdoctoral Research Fellowship
- **Period:** 7/30/07 to 11/30/08
- **Research Topic:** Ecology, Evolution & Organismal Biology

### $5,000 IOWA DEPARTMENT OF EDUCATION
- Teacher Development Academies Website
- **Period:** 7/1/07 to 12/31/07
- **Research Topic:** Curriculum & Instruction

### $4,684 DAVENPORT COMMUNITY SCHOOL DISTRICT
- Local Support for Iowa AmeriCorps State of Promise Program
- **Period:** 9/1/07 to 8/31/08
- **Extension/Public Topic:** 4H Youth Development

### $4,500 DEPARTMENT OF EDUCATION
- Academic Competitiveness Grant, FY08
- **Period:** 7/1/07 to 6/30/08
- **Student Financial Aid Topic:** Vice President for Student Affairs

### $4,438 SCIENCE APPLICATIONS INTERNATIONAL CORPORATION
- NHI Course 133078 Access Management, Location, and Design
- **Period:** 9/25/07 to 12/31/07
- **Instruction/Training Topic:** Center for Transportation Research & Education

### $3,250 DAIRY FARMERS OF AMERICA
- **Period:** 11/1/07 to 12/31/07
- **Extension/Public Topic:** Agricultural & Biosystems Engineering

**CO-PIs:**
- Moody, Lara B
- Burns, Robert T
December 01 - 31, 2007

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$3,180 DEPARTMENT OF VETERANS AFFAIRS
  Treatment of Visual Loss in Glaucoma and Ischemia with Neurotrophic Growth Factors
  10/1/06 to 9/30/07 RESEARCH
  GROZDANIC, SINISA VETERINARY CLINICAL SCIENCES
  SAKAGUCHI, DONALD S GENETICS, DEVELOPMENT & CELL BIOLOGY

$3,000 IOWA DEPARTMENT OF HUMAN SERVICES
  Iowa Food Stamp Nutrition Education Program
  10/1/06 to 9/30/07 EXTENSION/PUBLIC
  MARTIN, PEGGY A EXTENSION TO FAMILIES
  GREVING, JOYCE A EXTENSION TO FAMILIES

$2,000 BUENA VISTA COUNTY EXTENSION SERVICE
  Local Support for Iowa FNP-Local Match
  10/1/06 to 9/30/07 EXTENSION/PUBLIC
  MARTIN, PEGGY A EXTENSION TO FAMILIES

$2,000 MATHEMATICA POLICY RESEARCH, INC
  Early Head Start 5th-Grade Follow-Up Study
  10/30/06 to 8/31/08 RESEARCH
  PETERSON, CARLA A HUMAN DEVELOPMENT & FAMILY STUDIES
  LUZE, GAYLE J HUMAN DEVELOPMENT & FAMILY STUDIES

$1,500 MARSHALL COUNTY AGRICULTURAL EXTENSION
  Local Support for Iowa FNP
  10/1/06 to 9/30/07 EXTENSION/PUBLIC
  MARTIN, PEGGY A EXTENSION TO FAMILIES

$1,350 YOUTH AND SHELTER SERVICES
  Local Support for Iowa AmeriCorps State of Promise Program
  9/1/07 to 8/31/08 EXTENSION/PUBLIC
  BROSHAR, DONNIE R 4H YOUTH DEVELOPMENT
December 01 - 31, 2007

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$1,339  POTTAWATTAMIE COUNTY ALLIANCE FOR YOUTH  400-33-52
Local Support for Iowa AmeriCorps State of Promise Program
9/1/07 to 8/31/08  EXTENSION/PUBLIC
BROSHAR, DONNIE R  4H YOUTH DEVELOPMENT

$1,338  COMMUNITY CORRECTIONS IMPROVEMENT ASSOCIATION  400-33-52
Local Support for Iowa AmeriCorps State of Promise Program
9/1/07 to 8/31/08  EXTENSION/PUBLIC
BROSHAR, DONNIE R  4H YOUTH DEVELOPMENT

$1,338  IOWA COUNCIL OF FOUNDATIONS  400-33-52
Local Support for Iowa AmeriCorps State of Promise Program
9/1/07 to 8/31/08  EXTENSION/PUBLIC
BROSHAR, DONNIE R  4H YOUTH DEVELOPMENT

$1,205  DEPARTMENT OF AGRICULTURE, FSA  412-21-11
Phase 1 Archaeological Survey for Hog Confinement in Sioux County
11/9/07 to 1/1/08  EXTENSION/PUBLIC
HILL, MATTHEW G  ANTHROPOLOGY

$1,205  DEPARTMENT OF AGRICULTURE, FSA  412-21-11
Phase 1 Archaeological Survey for a Proposed Hog Confinement in Plymouth County
11/9/07 to 1/1/08  EXTENSION/PUBLIC
HILL, MATTHEW G  ANTHROPOLOGY

$1,155  DEPARTMENT OF AGRICULTURE, FSA  412-21-11
Phase 1 Archaeological Survey for a Proposed Hog Confinement in Calhoun County
11/19/07 to 1/15/08  EXTENSION/PUBLIC
HILL, MATTHEW G  ANTHROPOLOGY
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$230  UNITED WAY OF CENTRAL IOWA
Making Connections in Des Moines: Data Analysis, Reporting and Preparation for Wave 3

7/1/07 to 12/31/07  EXTENSION/PUBLIC
LARSON, KATHLENE A  SOCIOLOGY