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

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<tr>
<th>Grant Number</th>
<th>Principal Investigator</th>
<th>Agency</th>
<th>Amount</th>
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<td>SONGER, J</td>
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<td>BAUMGARD, LANCE</td>
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### Details:
- **112138**: Pell Grant, FY11
  - **7/1/10** to **6/30/11**: Student Financial Aid
  - JOHNSON, ROBERTA

- **113912**: Smith-Lever Cooperative Extension Formula
  - **10/1/10** to **9/30/15**: Extension/Public
  - MILLER, GERALD
  - HOLZ-CLAUSE, MARY

- **114079**: 2011 Hatch Research
  - **10/1/10** to **9/30/12**: Research
  - WINTERSTEEN, WENDY

- **93016**: Operating and Management Support for the Ames Laboratory
  - **11/1/08** to **12/31/11**: Research
  - KING, ALEXANDER

- **111861**: Molecular Epidemiology of Clostridium Difficile Food Contamination: Links to Human CDI
  - **3/1/11** to **2/28/14**: Research
  - SONGER, J

- **111073**: The Physiological Impact of Heat Stress on Pig Metabolism and Performance
  - **1/15/11** to **1/14/13**: Research
  - BAUMGARD, LANCE
  - GABLER, NICHOLAS
  - LONERGAN, STEVEN
  - PATIENCE, JOHN
  - ROSS, JASON
## I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

### 111073
- **Department:** DEPARTMENT OF AGRICULTURE, NIFA
- **Amount:** $1,000,000
- **Title:** THE PHYSIOLOGICAL IMPACT OF HEAT STRESS ON PIG METABOLISM AND PERFORMANCE
- **Dates:** 1/15/11 to 1/14/13
- **Research to:** DEPARTMENT OF AGRICULTURE, NIFA
- **Investigator:** SELSBY, JOSHUA
- **CO-PI:** ANIMAL SCIENCE-AES/CALS

### 113850
- **Funding Agency:** NATIONAL SCIENCE FOUNDATION
- **Amount:** $560,000
- **Title:** COLLABORATIVE RESEARCH: PSERC COLLABORATIVE PROPOSAL FOR A PHASE III INDUSTRY UNIVERSITY COOPERATIVE RESEARCH CENTER PROGRAM
- **Dates:** 2/9/11 to 2/28/11
- **Research to:** NATIONAL SCIENCE FOUNDATION
- **Investigator:** MCCALLEY, JAMES
- **CO-PI:** ELECTRICAL & COMPUTER ENGINEERING-ENGR
- **CO-PI:** ALIPRANTIS, DIONYSIOS
- **CO-PI:** ELECTRICAL & COMPUTER ENGINEERING-ENGR
- **CO-PI:** BUSHNELL, JAMES
- **CO-PI:** ECONOMICS-LAS
- **CO-PI:** RYAN, SARAH
- **CO-PI:** INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR

### 113642
- **Funding Agency:** MAPP BIOPHARMACEUTICALS
- **Amount:** $551,000
- **Title:** MONOCLONAL IMMUNOPROTECTANTS FOR SELECT AGENTS TOXINS (MAB-SAT)
- **Dates:** 7/1/10 to 6/30/11
- **Research to:** MAPP BIOPHARMACEUTICALS
- **Investigator:** SONGER, J
- **Investigator:** VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

### 112135
- **Funding Agency:** DEPARTMENT OF EDUCATION
- **Amount:** $484,046
- **Title:** NATIONAL SCIENCE AND MATHEMATICS ACCESS TO RETAIN TALENT (SMART) GRANT, FY11
- **Dates:** 7/1/10 to 6/30/11
- **Research to:** DEPARTMENT OF EDUCATION
- **Investigator:** JOHNSON, ROBERTA
- **Investigator:** STUDENT FINANCIAL AID-VPSA

### 113745
- **Funding Agency:** SMALL BUSINESS ADMINISTRATION
- **Amount:** $477,754
- **Title:** SMALL BUSINESS JOBS ACT OF 2010
- **Dates:** 1/1/11 to 12/31/12
- **Research to:** SMALL BUSINESS ADMINISTRATION
- **Investigator:** HECKMANN, JAMES
- **Investigator:** BUSINESS ADMINISTRATION-BUS

### 108547
- **Funding Agency:** SMALL BUSINESS ADMINISTRATION
- **Amount:** $457,434
- **Title:** IOWA SMALL BUSINESS DEVELOPMENT CENTER FY 2011 SBA COOPERATIVE AGREEMENT
- **Dates:** 10/1/10 to 9/30/11
- **Research to:** SMALL BUSINESS ADMINISTRATION
- **Investigator:** HECKMANN, JAMES
- **Investigator:** BUSINESS ADMINISTRATION-BUS
## II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<td>96282</td>
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<td>FACTORS INFLUENCING THE HEALTH BEHAVIORS OF YOUNG AFRICAN AMERICAN ADULTS</td>
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<td>REU SITE: RESEARCH EXPERIENCES FOR UNDERGRADUATES IN AGRICULTURAL BIOTECHNOLOGY AND GENOMICS</td>
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I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$273,002  IOWA DEPARTMENT OF NATURAL RESOURCES

113974  PRELIMINARY SERVICES FOR A STATE AGENCY GIS SERVICE BUREAU

3/11/11 to 12/31/12  RESEARCH
KANE, KEVIN  INFORMATION TECHNOLOGY SERVICES-PROV

$250,000  UNIVERSITY OF MARYLAND

97482  EMPIRICAL SEARCH FOR NEW SUPERCONDUCTORS

8/1/09 to 7/31/12  RESEARCH
CANFIELD, PAUL  PHYSICS & ASTRONOMY-LAS

$249,467  NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

73280  A PROTOTYPE REMOTE SENSING VALIDATION SITE: TOWARDS A MULTI-VARIABLE APPROACH TO VALIDATING AND SCALING REMOTELY-SENSED OBSERVATIONS OF THE WATER CYCLE

2/1/09 to 1/31/11  RESEARCH
HORNBUCKLE, BRIAN  AGRONOMY
CO-PI
KALEITA-FORBES, AMY  AGRICULTURAL & BIOSYSTEMS ENGINEERING

$247,389  NATIONAL SCIENCE FOUNDATION

111905  MELT-DISPERSION MECHANISM FOR ENERGETIC REACTIONS OF ALUMINUM NANOPARTICLES

9/15/10 to 4/30/12  RESEARCH
LEVITAS, VALERY  MECHANICAL ENGINEERING-ENGR

$200,000  DEPARTMENT OF JUSTICE

111143  INTERNET-SCALE EVENT AND ATTACK GENERATION ENVIRONMENT (ISEAGE)

9/1/10 to 8/31/13  RESEARCH
JACOBSON, DOUG  ELECTRICAL & COMPUTER ENGINEERING-ENGR

$190,679  IOWA DEPARTMENT OF NATURAL RESOURCES

111316  LEOPOLD CENTER SUPPORT

7/1/10 to 12/31/10  RESEARCH
MORTON, LOIS  LEOPOLD CENTER-AES/CALS
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$179,723  DEPARTMENT OF EDUCATION  
112137  TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION (TEACH) GRANT, FY11 
7/1/10  to  6/30/11  STUDENT FINANCIAL AID 
JOHNSON, ROBERTA 
$173,000  DEPARTMENT OF AGRICULTURE, NASS  
114294  NEW APPROACHES FOR AREA FRAME DEVELOPMENT, AREA SAMPLE DESIGN, AND GEOSPATIAL DATA COLLECTION 
3/1/11  to  9/30/12  RESEARCH 
NUSSER, SARAH  
KIM, JAE-KWANG  
YU, CINDY  
ZHU, ZHENGYUAN 
$170,000  DEPARTMENT OF ENERGY  
105932  REGULATION OF CHLOROPLAST BIOGENESIS: THE IMMUTANS MUTANT OF ARABIDOPSIS 
7/1/94  to  8/31/11  RESEARCH 
RODERMEL, STEVEN 
$158,000  IOWA DEPARTMENT OF NATURAL RESOURCES  
111731  AMBIENT COMMUNITY ASSESSMENTS: KEY COMPONENTS TO SUCCESSFUL COMMUNITY-BASED WATERSHED IMPROVEMENT PROJECTS 
1/10/11  to  1/31/13  EXTENSION/PUBLIC 
COMITO, JACQUELINE  
STAUDT, ANN  
HELMERS, MATTHEW 
$149,864  INTERNATIONAL FOOD POLICY RESEARCH INSTITUTE  
113529  SUBAGREEMENT FOR BUILDING FUNCTIONAL BIOSAFETY SYSTEMS 
10/1/10  to  9/30/11  INSTRUCTION/TRAINING 
MISRA, MANJIT  
HARRIES, ADELAIDA  
WOLT, JEFFREY  
CORTES, JOSEPH  
AKETCH, JAMES  
HURD, HOWARD
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<td>108192</td>
<td>AN INVESTIGATION OF WILDLIFE VALUE, HYDROLOGY, AND WATER QUALITY OF DRAINED (FARMED) WETLANDS OF NORTH IOWA</td>
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<td>AMYGDALAR MODULATION OF PROCESSING IN AUDITORY CORTEX</td>
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<td>$133,200</td>
<td>3/1/11 to 2/29/12</td>
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<td>111389</td>
<td>CAREER: NEXT GENERATION NEUTRINO WATER CHERENKOV DETECTORS USING LARGE-AREA FAST PHOTOSENSORS</td>
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<td>6/1/11 to 5/31/12</td>
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<td>PHYSICS &amp; ASTRONOMY-LAS</td>
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<td>111200</td>
<td>DEVELOPMENT OF GENOME ENHANCED EBVS FOR SOW FEED INTAKE AND EFFICIENCY</td>
<td>ROTHSCILD, MAX</td>
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<td>$120,000</td>
<td>1/1/11 to 12/31/12</td>
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<td>106384</td>
<td>ENHANCING STUDENTS' SMALL BUSINESS KNOWLEDGE AND ENTREPRENEURIAL SKILLS FROM A GLOBAL PERSPECTIVE:</td>
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<td>9/1/10 to 7/31/13</td>
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<td>HILL, THOMAS</td>
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<td>$106,660</td>
<td>9/1/07 to 8/31/12</td>
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$100,748  DEPARTMENT OF AGRICULTURE, FAS

114312  SERBIA ANIMAL HEALTH TECHNICAL ASSISTANCE
12/20/10 to 12/30/11  INSTRUCTION/TRAINING
UHLENHOPP, ELDON  VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

$99,310  ENVIRONMENTAL PROTECTION AGENCY

114198  THE ECONOMIC AND ENVIRONMENTAL IMPACTS FROM INCREASED USE OF RENEWABLE FUELS IN THE U.S. TRANSPORTATION SECTOR
2/11/11 to 1/2/12  RESEARCH
BABCOCK, BRUCE  ECONOMICS-AES/CALS

$94,000  IOWA PORK PRODUCERS ASSOCIATION

114005  DEVELOPMENT OF A MODEL FOR REGIONAL CONTROL AND ELIMINATION OF PRRS VIRUS IN IOWA
8/1/10 to 9/30/11  RESEARCH
HOLTKAMP, DERALD  VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET
BAKER, RODNEY  VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET
MCKEAN, JAMES  VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-EXT
ZIMMERMAN, JEFFREY  VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

$93,585  DEPARTMENT OF DEFENSE, AFOSR

95706  BIO-INSPIRED INTEGRATED SENSING AND CONTROL OF FLAPPING FLIGHT FOR MICRO AERIAL VEHICLES
2/15/09 to 11/30/11  RESEARCH
LU, PING  AEROSPACE ENGINEERING-ENGR

$89,982  NATIONAL SCIENCE FOUNDATION

83239  LTREB: LONG-TERM RESEARCH ON ENVIRONMENTAL GENDER DETERMINATION IN A MODEL SYSTEM: THE NEXT FIVE YEARS
3/15/07 to 2/29/12  RESEARCH
JANZEN, FREDRIC  ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY

$82,785  UNIVERSITY OF LOUISVILLE

106974  ESTABLISHMENT OF A P23H MUTANT RHODOPSIN SWINE MODEL OF RETINITIS PIGMENTOSA (RP)
12/1/10 to 11/30/11  RESEARCH
ROSS, JASON  ANIMAL SCIENCE-AES/CALS
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$75,000  IOWA DEPARTMENT OF TRANSPORTATION

113848  REVISION TO THE SUDAS TRAFFIC SIGNAL STANDARDS-PHASE 2

3/1/11 to 8/30/12 RESEARCH

HAWKINS, NEAL  INSTITUTE FOR TRANSPORTATION-VPR/ED
WIEGAND, PAUL  INSTITUTE FOR TRANSPORTATION-VPR/ED
NAMBISAN, SHASHI  INSTITUTE FOR TRANSPORTATION-VPR/ED

$73,828  INFECTIOUS DISEASE RESEARCH INSTITUTE

111781  LEISHMANIA ANTIGENS DEFINED BY HUMAN IMMUNE RESPONSES

7/1/10 to 6/30/11 RESEARCH

PETERSEN, CHRISTINE  VETERINARY PATHOLOGY-VET
JONES, DOUGLAS  VETERINARY PATHOLOGY-VET

$60,587  UNIVERSITY OF ALBERTA

111274  CHARACTERIZATION OF miRNAs AND THEIR TARGETS IN FOOD ANIMAL PATHOGEN INFECTION MODELS FOR POTENTIAL USE AS MARKERS FOR IMPROVEMENT OF FOOD SAFETY

1/1/11 to 12/31/13 RESEARCH

TUGGLE, CHRIS  ANIMAL SCIENCE-AES/CALS

$60,440  KANSAS STATE UNIVERSITY

114356  PRRS HOST GENETICS CONSORTIUM: A PROPOSAL TO CONTINUE CONSORTIUM WORK TO STUDY THE ROLE OF HOST GENETICS AND RESISTANCE TO PRRSV-YEAR 3

11/1/10 to 11/1/11 RESEARCH

REECY, JAMES  ANIMAL SCIENCE-AES/CALS

$59,200  MISSISSIPPI STATE UNIVERSITY

105825  SEED TECHNOLOGIES TO SECURE RAPID AND COMPLETE SWITCHGRASS ESTABLISHMENT

7/1/10 to 8/31/12 RESEARCH

MOORE, KENNETH  AGRONOMY-AES/CALS

$59,068  VETCARA

114313  EFFECTS OF EPICOR ON IMMUNE RESPONSE, SAFETY, AND WELFARE OF DOGS

2/1/11 to 9/30/11 RESEARCH

PALIC, DUSAN  BIOMEDICAL SCIENCES-VET
ROWE, ERIC  BIOMEDICAL SCIENCES-VET
ROTH, JAMES  VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET
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<td>114313</td>
<td>Effects of Epicor on Immune Response, Safety, and Welfare of Dogs</td>
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<td>Kimura, Kayoko, Madson, Darin, Noxon, James, May, Elizabeth, Mumm, Lynne</td>
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<td>113923</td>
<td>Sustaining Iowa Pork Production and Air Quality</td>
<td>$57,000</td>
<td>Xin, Hongwei, Colletti, Joe</td>
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<td>104672</td>
<td>Demonstration with Energy and Daylighting Assessments of Sunlight Responsive Thermochromic Window Systems</td>
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<td>Nordmeyer, Kevin</td>
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<td>Evaluate the Impact of Packaging on the Anti-Microbial Properties of Lactiguard Applied to Beef Trim, Beef Brisket and Ground Beef</td>
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<td>113922</td>
<td>Evaluation and Guidance for Effective Traffic Calming and Traffic Control in Small Rural Communities</td>
<td>$55,000</td>
<td>Hallmark, Shauna, Hawkins, Neal, Nambisan, Shashi</td>
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### GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<td>113997</td>
<td>Kitozyme</td>
<td>Immunomodulatory effects of glucan compounds produced by Kitozyme (Phase I: screening of provided compounds in vitro)</td>
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<td>Biomedical Sciences-Vet</td>
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<td>98346</td>
<td>Dartmouth College</td>
<td>Psychological and behavioral predictors of HPV vaccination in African American women</td>
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<td>106885</td>
<td>Spectral Sciences, Inc</td>
<td>Phase II STTR: Computational prediction of kinetic rate constants for condensed phases</td>
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**February 01 - 28, 2011**
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

**114385**

CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP

1/1/11 to 12/31/11 RESEARCH

SHANKS, BRENT

NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR

$45,764 IOWA CORN PROMOTION BOARD

SUPPLEMENTATION OF THE ANTIOXIDANT VITAMIN C TO FEEDLOT CATTLE CONSUMING HIGH DISTILLER’S GRAINS DIETS

7/1/10 to 11/30/11 RESEARCH

HANSEN, STEPHANIE

ANIMAL SCIENCE-AES/CALS

$42,640 IOWA DEPARTMENT OF EDUCATION

EARLY CHILDHOOD ASSESSMENT SURVEY INSTRUMENT

10/1/10 to 6/30/11 RESEARCH

PORTER, STEPHEN

EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS

$40,676 IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP

IMPACTS OF CROP, BIOMASS HARVEST SYSTEMS, AND NUTRIENT MANAGEMENT ON SOIL AND PHOSPHORUS LOSS WITH SURFACE RUNOFF PROJECT

1/1/11 to 12/31/12 EXTENSION/PUBLIC

MALLARINO, ANTONIO

AGRONOMY-EXT

HELVERS, MATTHEW

AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT

$40,500 NATIONAL SCIENCE FOUNDATION

GRADUATE RESEARCH FELLOWSHIP PROGRAM

8/15/07 to 7/31/12 RESEARCH

HOLGER, DAVID

GRADUATE COLLEGE

$40,000 UNITED STATES GOLF ASSOCIATION

DISCOVERY OF NOVEL GENES IN CREEPING BENTGRASS BY HIGH THROUGHPUT GENE SILENCING WITH SPECIALIZED INVERTED REPEAT CDNA LIBRARIES

9/7/10 to 9/6/12 RESEARCH

FEI, SHUIZHANG

HORTICULTURE-AES/CALS

YIN, YANHAI

GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS
<table>
<thead>
<tr>
<th>Project ID</th>
<th>Amount</th>
<th>Sponsor</th>
<th>Description</th>
<th>Principal Investigator(s)</th>
<th>Co-Investigator(s)</th>
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<tbody>
<tr>
<td>113091</td>
<td>$37,500</td>
<td>IOWA DEPARTMENT OF TRANSPORTATION</td>
<td>EVALUATION OF MITIGATION FOR SAFETY CONCERNS ON LOW-VOLUME UNPAVED RURAL ROADS IN IOWA</td>
<td>McDONALD, THOMAS</td>
<td>NAMBISAN, SHASHI, SPERRY, ROBERT</td>
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<td>111019</td>
<td>$37,000</td>
<td>TEXAS A&amp;M UNIVERSITY</td>
<td>FAZD CENTER DETAILED WORK PLANS FOR FISCAL YEARS 2011 (YR 1) CREATE AND DEMONSTRATE THE SECURE EGG SUPPLY &quot;COMPONENT&quot; TO THE FAZD DASHBOARD</td>
<td>ROTH, JAMES</td>
<td>VETERINARY MICROBIOLOGY &amp; PREVENTIVE MEDICINE-VET</td>
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<td>114355</td>
<td>$35,000</td>
<td>SPIRIT AEROSYSTEMS</td>
<td>INDUSTRY/UNIVERSITY COOPERATIVE RESEARCH PROGRAM, CNDE MEMBERSHIP</td>
<td>THOMPSON, R.</td>
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<td>113075</td>
<td>$34,620</td>
<td>DEPARTMENT OF AGRICULTURE, ARS</td>
<td>RESEARCH SUPPORT AGREEMENT</td>
<td>LEWIS, LES</td>
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<td>113389</td>
<td>$33,844</td>
<td>PRATT &amp; WHITNEY</td>
<td>POD FOR PHASED ARRAY INSPECTION OF AL 7255 BILLETS</td>
<td>BRASCHE, LISA, GRAY, TIMOTHY, MEEKER, WILLIAM</td>
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<td>113661</td>
<td>$32,465</td>
<td>UNITED SORGHUM CHECKOFF PROGRAM</td>
<td>ASSOCIATION STUDY OF CAROTENOID GENES AND THEIR EFFECT ON CAR ASSIMILATION AND PHOTOPROTECTION</td>
<td>SALAS-FERNANDEZ, MARIA</td>
<td>AGRONOMY-AES/CALS</td>
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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$31,103 DEPARTMENT OF AGRICULTURE, ARS

105185 RISK OF WESTERN CORN ROOTWORM ADAPTATION TO TRANSGENIC CORN

5/18/10 to 2/28/13 RESEARCH
GASSMANN, AARON ENTOMOLOGY-AES/CALS

$30,000 ROBYT, JOHN

104669 CHEMICAL AND ENZYMATIC MODIFICATION AND CARBOHYDRATES

7/1/08 to 6/30/99 RESEARCH
HONZATKO, RICHARD BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS

$30,000 UNIVERSITY OF NEBRASKA, LINCOLN

113581 COOPERATIVES COMMUNITY OF PRACTICE

9/1/10 to 12/31/11 EXTENSION/PUBLIC
HANSEN, RAYMOND VALUE ADDED AGRICULTURE-EXT
SCHULTZ, MADELINE VALUE ADDED AGRICULTURE-EXT

$30,000 SPECTRAL ENERGIES, LLC

114361 MECHANISM AND MODEL-BASED IMPROVEMENT OF ENERGETIC ALUMINUM NANOPARTICLES

1/20/11 to 9/15/11 RESEARCH
LEVITAS, VALERY AEROSPACE ENGINEERING-ENGR

$28,686 UNIVERSITY OF NORTHERN IOWA

108078 CEESTEEM: THE CENTER FOR EARLY EDUCATION IN SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS

8/1/10 to 12/31/10 RESEARCH
HEGLAND, SUSAN HUMAN DEVELOPMENT & FAMILY STUDIES-HS

$25,000 DEPARTMENT OF DEFENSE, AFRL

97678 ADAPTIVE GUIDANCE FOR RESPONSIVE LAUNCH AND OPERATIONS

2/10/11 to 9/28/12 RESEARCH
LU, PING AEROSPACE ENGINEERING-ENGR
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<th>IOWA VETERINARY MEDICAL ASSOCIATION</th>
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<tr>
<td>USE OF AN IMPLANTABLE DEVICE FOR IN VIVO DETECTION MYCOBACTERIUM AVIUM PARATUBERCULOSIS (MAP) IN ASYMPOTOMATIC CALVES</td>
<td>10/31/10 to 10/31/11</td>
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<td>JONES, DOUGLAS</td>
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<th>ITC MIDWEST, LLC</th>
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<th>DEPARTMENT OF AGRICULTURE, NIFA</th>
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<td>SWINE PRODUCTION MANAGER CERTIFICATION AND ASSOCIATES DEGREE DELIVERED VIA DISTANCE EDUCATION</td>
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<td>PREVENTION OF HEMORRHAGE AND DEATH AFTER TRAUMATIC BLAST INJURY (TBI)</td>
<td>1/3/11 to 5/15/11</td>
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<td>IMPROVING THE DELIVERY OF SMOKING CESSATION GUIDELINES IN HOSPITALIZED VETERANS</td>
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<td>THE GENOMIC CONSEQUENCES OF POLYPLOIDY IN TWO AGRONOMICALLY IMPORTANT COTTON SPECIES</td>
<td>8/1/11 to 12/31/11</td>
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<td>ECOLOGY, EVOLUTION &amp; ORGANISIMAL BIOLOGY</td>
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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

113129  RESEARCH SUPPORT AGREEMENT

1/1/10 to 9/30/11  RESEARCH
LEWIS, LES  ENTOMOLOGY-AES/CALS

$18,551  DEPARTMENT OF AGRICULTURE, ARS

114063  CALCIUM POWDER PRODUCTION PROJECT

1/1/11 to 6/30/11  RESEARCH
RUSSELL, ALAN  MATERIALS SCIENCE & ENGINEERING-ENGR

$18,000  IOWA STATE UNIVERSITY RESEARCH FOUNDATION

114163  DELTA: DISSEMINATING EFFECTIVE LEARNING THROUGH AUTOMATION

4/1/10 to 9/30/12  RESEARCH
HAGEDORN, LINDA  EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS

$15,000  FLORIDA STATE COLLEGE AT JACKSONVILLE

114262  PRELIMINARY STUDIES ON THE REPLACEMENT OF VERMICULITE AND PERLITE WITH BIOCHAR IN A SOILLESS GREENHOUSE SUBSTRATE

1/24/11 to 8/31/11  RESEARCH
GLADON, RICHARD  HORTICULTURE-AES/CALS
LAIRD, DAVID  AGRONOMY-AES/CALS
MUMM, LYNNE  INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VPF

$15,000  KEMIN INDUSTRIES, INC

114372  NATURAL RESOURCE INVENTORY AND UPDATE

1/1/11 to 12/31/11  RESEARCH
MCMULLEN, CATHERINE  NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS

$14,740  IOWA ARMY NATIONAL GUARD

106830  WATER QUALITY STUDY, RED ROCK RESERVOIR (OPTION YEAR 1)

2/3/11 to 2/28/11  RESEARCH
LUTZ, DONNA  CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
ONG, SAY  CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$10,455 DEPARTMENT OF DEFENSE, ONR
TOWARDS SECURE AND PRIVACY-PRESERVING DEPLOYMENT AND ACCESS OF LARGE TACTICAL SENSOR NETWORKS
6/1/09 to 5/31/12 RESEARCH
ZHANG, WENSHENG COMPUTER SCIENCE-LAS

$10,000 UNIVERSITY OF IOWA
OPTIMIZE THE NANOCOMPOSITE PROPERTIES
10/1/10 to 6/30/11 MISCELLANEOUS
LIN, ZHIQUN CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
MALLAPRAGADA, S. CHEMICAL & BIOLOGICAL ENGINEERING-ENGR

$9,968 DEPARTMENT OF DEFENSE, ACE
WATER QUALITY STUDY, SAYLORVILLE RESERVOIR (OPTION YEAR 1)
2/3/11 to 2/28/11 RESEARCH
LUTZ, DONNA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
ONG, SAY CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR

$9,950 NATIONAL SCIENCE FOUNDATION
SEX CHROMOSOME EVOLUTION IN TURTLES
2/7/11 to 12/31/11 RESEARCH
VALENZUELA-CASTRO, MARIA ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

$9,421 UNIVERSITY OF NEBRASKA
COLLABORATIVE PROPOSAL DEVELOPMENT FOR CONNECTING FARM AND COMMUNITY
9/1/10 to 7/31/11 RESEARCH
WELLS, BETTY SOCIOLOGY-AES/CALS

$7,631 CENTERVILLE COMMUNITY SCHOOLS
LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM
9/1/10 to 8/31/11 EXTENSION/PUBLIC
LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$7,200 UNIVERSITY OF IOWA

113355 INVESTIGATE THE EFFICACY OF BIOFILTERS IN THE REMOVAL OF MRSA VIRUS EMISSION FROM SWINE FINISHING FACILITIES
4/1/10 to 3/31/11 RESEARCH
HOFF, STEVEN AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

$5,748 KEMIN INDUSTRIES, INC

114176 PRELIMINARY STUDIES ON THE INOCULATION OF A SOILLESS GREENHOUSE SUBSTRATE WITH PB-6
1/1/11 to 8/15/11 RESEARCH
GLADON, RICHARD HORTICULTURE-AES/CALS

$5,635 ADAIR COUNTY AGRICULTURAL EXTENSION DISTRICT

114325 LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM
9/1/10 to 8/31/11 EXTENSION/PUBLIC
LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT

$5,550 FAMILY, INC

114515 LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM
9/1/10 to 8/31/11 EXTENSION/PUBLIC
LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT

$5,000 UNIVERSITY OF MINNESOTA

114301 2010 LITERATURE REVIEW GALACTOOLIGOSACCHARIDES: A VALUABLE PREBIOTIC FROM CHEESE WHEY PERMEATE AND ITS HEALTH IMPLICATIONS
6/1/10 to 12/31/10 RESEARCH
LAMSAL, BUDDHI FOOD SCIENCE & HUMAN NUTRITION-AES/CALS

$4,600 AJINOMOTO USA, INC

111604 AJINOMOTO BIOSTIMULANT TRIAL 2010
8/28/10 to 2/28/11 RESEARCH
CHRISTIANS, NICK HORTICULTURE-AES/CALS
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$4,000  SMITHSONIAN ASTROPHYSICAL OBSERVATORY, SMITHSONIAN INSTITUTION

111915  UNIDENTIFIED TEV SOURCE IN THE GAMMA-CYGNI SNR

1/10/11 to 1/9/13 RESEARCH
WEINSTEIN, AMANDA  PHYSICS & ASTRONOMY-LAS

$4,000  IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP

114188  IOWA LEARNING FARMS 2011

1/1/11 to 12/31/11 EXTENSION/PUBLIC
MORTON, LOIS  SOCIOLOGY-EXT
CRUSE, RICHARD  AGRONOMY-EXT
DUFFY, MICHAEL  ECONOMICS-EXT
HELMERS, MATTHEW  AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT
COMITO, JACQUELINE  SOCIOLOGY-EXT
HANNA, H.  AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT

$3,000  AMERICAN COUNCILS FOR INTERNATIONAL EDUCATION

114333  HOSTING SCHOLARS FROM EASTERN EUROPE

1/13/11 to 5/16/11 INSTRUCTION/TRAINING
MESROPOVA, OLGA  WORLD LANGUAGES & CULTURES-LAS

$2,945  ADAIR COUNTY AGRICULTURAL EXTENSION DISTRICT

114325  LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM

9/1/10 to 8/31/11 EXTENSION/PUBLIC
LEVINGS, JUDITH  EXTENSION 4-H YOUTH DEVELOPMENT-EXT

$2,775  FRIENDLY HOUSE

114326  LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM

9/1/10 to 8/31/11 EXTENSION/PUBLIC
LEVINGS, JUDITH  EXTENSION 4-H YOUTH DEVELOPMENT-EXT
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$2,730 IOWA DEPARTMENT OF NATURAL RESOURCES
111054 PHASE 1 ARCHAEOLOGICAL SURVEY
7/1/10 to 6/30/11 EXTENSION/PUBLIC
HILL, MATTHEW ANTHROPOLOGY-LAS

$2,000 HONEYWELL FEDERAL MANUFACTURING AND TECHNOLOGIES, INC
114091 SENIOR DESIGN PROJECT
1/1/11 to 12/31/11 RESEARCH
GOVINDARASU, MANIMARAN ELECTRICAL & COMPUTER ENGINEERING-ENGR

$1,998 DEPARTMENT OF AGRICULTURE, ARS
105513 RESEARCH SUPPORT AGREEMENT
10/1/09 to 9/30/10 RESEARCH
LAMKEY, KENDALL AGRONOMY-AES/CALS

$1,500 DEPARTMENT OF EDUCATION
105118 PELL GRANT, FY10
7/1/09 to 6/30/10 STUDENT FINANCIAL AID
JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA

$1,482 DEPARTMENT OF AGRICULTURE, ARS
111968 RESEARCH SUPPORT AGREEMENT
1/1/09 to 9/30/10 RESEARCH
LAMKEY, KENDALL AGRONOMY-AES/CALS

$1,440 DEPARTMENT OF AGRICULTURE, ARS
105515 RESEARCH SUPPORT AGREEMENT
10/1/09 to 9/30/10 RESEARCH
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$1,388 COMMUNITY FOUNDATION OF GREAT RIVER BEND
LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM
9/1/10 to 8/31/11 EXTENSION/PUBLIC
LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT

$1,388 CLAY COUNTY AGRICULTURAL EXTENSION DISTRICT
LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM
9/1/10 to 8/31/11 EXTENSION/PUBLIC
LEVINGS, JUDITH EXTENSION 4-H YOUTH DEVELOPMENT-EXT

$1,322 DEPARTMENT OF AGRICULTURE, ARS
RESEARCH SUPPORT AGREEMENT
10/1/09 to 9/30/10 RESEARCH
LAMKEY, KENDALL AGRONOMY-AES/CALS

$1,239 DEPARTMENT OF AGRICULTURE, ARS
RESEARCH SUPPORT AGREEMENT
1/1/09 to 9/30/10 RESEARCH
LAMKEY, KENDALL AGRONOMY-AES/CALS

$1,202 DEPARTMENT OF AGRICULTURE, ARS
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10/1/09 to 9/30/10 RESEARCH
LAMKEY, KENDALL AGRONOMY-AES/CALS

$771 DEPARTMENT OF AGRICULTURE, ARS
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LAMKEY, KENDALL AGRONOMY-AES/CALS
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$732 HARRISON COUNTY REC
113988 PHASE 1A ARCHAEOLOGICAL SURVEY
1/3/11 to 3/1/11 EXTENSION/PUBLIC
HILL, MATTHEW ANTHROPOLOGY-LAS

$718 DEPARTMENT OF AGRICULTURE, ARS
105729 RESEARCH SUPPORT AGREEMENT
1/1/09 to 9/30/10 RESEARCH
LEWIS, LES ENTOMOLOGY-AES/CALS

$424 DEPARTMENT OF AGRICULTURE, ARS
105521 RESEARCH SUPPORT AGREEMENT
10/1/09 to 9/30/10 RESEARCH
LAMKEY, KENDALL AGRONOMY-AES/CALS

$176 DEPARTMENT OF AGRICULTURE, ARS
105517 RESEARCH SUPPORT AGREEMENT
10/1/09 to 9/30/10 RESEARCH
LAMKEY, KENDALL AGRONOMY-AES/CALS

$126 DEPARTMENT OF AGRICULTURE, ARS
113059 RESEARCH SUPPORT AGREEMENT
8/16/10 to 9/30/10 RESEARCH
LAMKEY, KENDALL AGRONOMY-AES/CALS