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<td>$1,000,000</td>
<td>I6 GREEN CHALLENGE PROOF OF CONCEPT CENTER PROPOSAL</td>
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<td>$614,310</td>
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</table>
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$400,000 HOWARD HUGHES MEDICAL INSTITUTE

105170 ENGAGING YOUNG SCIENTISTS DURING THEIR FIRST TWO YEARS AT COLLEGE

9/1/10 to 8/31/12 INSTRUCTION/TRAINING

OGILVIE, CRAIG

POWELL-COFFMAN, JO

CERVATO, CINZIA

GREENBOWE, THOMAS

TAKLE, GENE

PHYSICS & ASTRONOMY-LAS

GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS

GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS

CHEMISTRY-LAS

GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS

$400,000 NSF-NATIONAL SCIENCE FOUNDATION

115824 CAREER: DENSE SUPERFAST 3D SENSING OF EXTREMELY RAPIDLY CHANGING MECHANICAL AND BIOLOGICAL SCENES

6/1/12 to 5/31/17 RESEARCH

ZHANG, SONG

MECHANICAL ENGINEERING-ENGR

$400,000 NSF-NATIONAL SCIENCE FOUNDATION

115873 CAREER: A PREDICTIVE MODELING FRAMEWORK FOR EXPLORING PROCESS-STRUCTURE-PROPERTY RELATIONSHIPS IN ORGANIC SOLAR CELLS

8/15/12 to 7/31/17 RESEARCH

GANAPATHYSUBRAMANIAN, B

MECHANICAL ENGINEERING-ENGR

$358,138 NSF-NATIONAL SCIENCE FOUNDATION

116107 REU SITE: SUMMER PROGRAM FOR INTERDISCIPLINARY RESEARCH AND EDUCATION–EMERGING INTERFACE TECHNOLOGIES

5/1/12 to 4/30/15 RESEARCH

GILBERT, STEPHEN

WINER, ELIOT

OLIVER, JAMES

INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY ADMINISTRATION-VPR/ED

MECHANICAL ENGINEERING-ENGR

MECHANICAL ENGINEERING-ENGR

$335,000 IOWA DEPARTMENT OF TRANSPORTATION

116725 IOWA LOCAL TECHNICAL ASSISTANCE PROGRAM (HR296) 2011 SUMMARY REPORT AND 2012 CONTINUATION FUNDING PROPOSAL

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

KNAPP, KEITH

NAMBISAN, SHASHI

MCDONALD, THOMAS

INSTITUTE FOR TRANSPORTATION-VPR/ED

INSTITUTE FOR TRANSPORTATION-VPR/ED

INSTITUTE FOR TRANSPORTATION-VPR/ED
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

January 01 - 31, 2012

107257  REGULATION OF CHROMATIN STRUCTURE AND GENE EXPRESSION BY H3S10 PHOSPHORYLATION
 $303,955 NIH-NATIONAL INSTITUTES OF HEALTH
 1/1/12 to 12/31/12 RESEARCH
  JOHANSEN, KRISTEN BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS
  JOHANSEN, JORGEN BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS
  GIRTON, JACK BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS

2/11/11 to 1/31/12 RESEARCH
  KANTHASAMY, ARTHI BIOMEDICAL SCIENCES-VET
  KANTHASAMY, ANUMANTHA BIOMEDICAL SCIENCES-VET

$283,714 NIH-NATIONAL INSTITUTES OF HEALTH
94191  NEUROINFLAMMATORY MECHANISMS IN THE PROGRESSION OF PARKINSONS DISEASE

$250,838 ED-U.S. DEPARTMENT OF EDUCATION
117678 RONALD E. MCNAIR POSTBACCALEUREATE ACHIEVEMENT PROGRAM
  10/1/11 to 9/30/12 INSTRUCTION/TRAINING
  HARDING, THELMA GRADUATE COLLEGE-PROV

$245,724 DOC-NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY
114985 IOWA CENTER FOR INDUSTRIAL RESEARCH AND SERVICE
  7/1/11 to 6/30/12 EXTENSION/PUBLIC
  WILCOX, RUTH CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT
  MILLER, JOANN CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT
  THOMPSON, DEREK CENTER FOR INDUSTRIAL RESEARCH & SERVICE-EXT

$241,690 IOWA DEPARTMENT OF EDUCATION
117372 SAFE AND SUPPORTIVE SCHOOLS GRANT (S3)
  12/1/11 to 9/30/12 EXTENSION/PUBLIC
  TALLMAN, KELI EXTENSION 4-H YOUTH DEVELOPMENT-EXT

$228,793 NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION
115662 ADVANCED 3D RUNBACK MODELS FOR SURFACE WATER TRANSPORT
  1/1/12 to 12/31/14 RESEARCH
  HU, HUI AEROSPACE ENGINEERING-ENGR
### II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<td>Towards Secure and Privacy-Preserving Deployment and Access of Large Tactical Sensor Networks</td>
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<td>Coenzyme B12-Dependent 1, 2-Propanediol Degradation by Salmonella</td>
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<td>Iowa Department of Transportation</td>
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<td>Incident Location Tool Support for TRACS Program</td>
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**CO-PI**

- Rothmayer, Alric
- Peters, David
- Hochstetler, Andrew
- Cackler, Elys
- Nambisan, Shashi
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$150,000  NSF-NATIONAL SCIENCE FOUNDATION

115707  COLLABORATIVE RESEARCH: EPIGENETIC, TRANSCRIPTOMIC, AND BEHAVIORAL IMPACTS OF A MATERNAL SIGNAL DURING WASP CASTE DEVELOPMENT
4/1/12  to  3/31/15  RESEARCH
TOOTH, AMY  ECOLOGY, EVOLUTION & ORGANISMSAL BIOLOGY-AES/CALS

$149,791  IOWA DEPARTMENT OF TRANSPORTATION

111723  ALKALI CONTENT OF FLY ASH–MEASURING AND TESTING STRATEGIES FOR EVALUATING COMPLIANCE
1/1/12  to  12/31/13  RESEARCH
SCHLORHOLTZ, SCOTT  OFFICE OF BIOTECHNOLOGY-VPR/ED

$145,000  IOWA DEPARTMENT OF TRANSPORTATION

115628  CONCRETE PAVEMENT MIXTURE DESIGN AND ANALYSIS
5/15/09  to  6/30/13  RESEARCH
TAYLOR, PETER  INSTITUTE FOR TRANSPORTATION-VPR/ED
NAMBISAN, SHASHI  INSTITUTE FOR TRANSPORTATION-VPR/ED

$143,264  NIH-NATIONAL INSTITUTES OF HEALTH

104088  AMYGDALAR MODULATION OF PROCESSING IN AUDITORY CORTEX
3/1/12  to  2/28/13  RESEARCH
PETERSON, DIANA  BIOMEDICAL SCIENCES-VET

$141,566  IOWA STATE UNIVERSITY-AMES LABORATORY

93016  OPERATING AND MANAGEMENT SUPPORT FOR THE AMES LABORATORY
11/1/08  to  12/31/15  RESEARCH
KING, ALEXANDER  AMES LABORATORY

$137,176  NSF-NATIONAL SCIENCE FOUNDATION

115828  CAREER: JOINT TOPOGRAPHIC IMAGING AND MATERIALS CHARACTERIZATION USING ATOMIC FORCE MICROSCOPY-A SYSTEMS APPROACH
3/1/12  to  2/28/17  RESEARCH
RAMAMOORTHI, ADITYA  ELECTRICAL & COMPUTER ENGINEERING-ENGR
## I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<td>IHRB-10-07 EVALUATING ROADWAY SUBSURFACE DRAINAGE PRACTICES</td>
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I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

January 01 - 31, 2012

117527  $108,927  WINEGARD COMPANY
        MOTION BASE OPERATION, SYNCHRONIZATION, AND CONTROL
        12/28/11 to 12/31/12  RESEARCH
        LUECKE, GREG  MECHANICAL ENGINEERING-ENGR

104740  $107,941  NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION
        REMOTE SENSING DATA AS DRIVERS FOR STREAMFLOW PREDICTION MODELS FOR THE UPPER MIDWEST
        7/29/10 to 7/28/13  RESEARCH
        FRANZ, KRISTIE  GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS

99338   $101,724  NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION
        INTERMEDIATE MASS STAR FORMATION–BRIDGING HIGH AND LOW-MASS REGIMES
        1/1/10 to 12/31/12  RESEARCH
        KERTON, CHARLES  PHYSICS & ASTRONOMY-LAS

117477  $100,000  UNITED TECHNOLOGIES CORPORATION
        CORRELATION OF ULTRASONIC ATTENUATION FOR GRAIN SIZE ESTIMATES
        1/2/12 to 12/22/12  RESEARCH
        BRASCHE, LISA  CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED
        MARGETAN, FRANK  CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED
        GRAY, TIMOTHY  CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED
        ROBERTS, RONALD  CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED
        WLEZIEN, RICHARD  AEROSPACE ENGINEERING-ENGR

116770  $99,999  IOWA DEPARTMENT OF TRANSPORTATION
        BUCHANAN COUNTY IBRC BRIDGE PROJECT
        1/15/12 to 2/1/16  RESEARCH
        PHARES, BRENT  INSTITUTE FOR TRANSPORTATION-VPR/ED
        VENAPUSA, PAVANA  CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
        TAYLOR, PETER  INSTITUTE FOR TRANSPORTATION-VPR/ED
        NAMBISAN, SHASHI  INSTITUTE FOR TRANSPORTATION-VPR/ED
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$99,768 TATE & LYLE INGREDIENTS AMERICAS LLC
THE AFFECT OF STARCH ON APPETITE
1/1/12 to 7/13/12 RESEARCH
HOLLIS, JAMES FOOD SCIENCE & HUMAN NUTRITION-AES/CALS
HSU, WALTER BIOMEDICAL SCIENCES-VET
116086

$95,000 PURDUE UNIVERSITY
SPRAY AND COMBUSTION OF GELLED HYPERGOLIC PROPELLANTS
6/1/08 to 10/31/12 RESEARCH
MEYER, TERRENCE MECHANICAL ENGINEERING-ENGR
91353

$95,000 IOWA DEPARTMENT OF PUBLIC SAFETY
GOVERNOR'S HIGHWAY TRAFFIC SAFETY CONFERENCE 2012
10/1/11 to 9/30/12 EXTENSION/PUBLIC
KIEFFER, JULIE EXTENSION COMMUNICATIONS AND EXTERNAL RELATIONS-EXT
117283

$90,000 CROHNS & COLITIS FOUNDATION
IMPACT OF ESCHERICHIA COLI COLONIZATION ON SUSCEPTIBILITY TO INFLAMMATORY INSULTS
1/1/12 to 12/31/12 FELLOWSHIP
RAMER-TAIT, AMANDA VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET
115645

$88,000 IOWA DEPARTMENT OF TRANSPORTATION
IMPLEMENTATION OF CONCRETE PAVEMENT PRESERVATION AND PCC SURFACE CHARACTERISTICS: TRAINING
1/1/07 to 12/31/12 RESEARCH
CACKLER, ELLS INSTITUTE FOR TRANSPORTATION-VPR/ED
NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED
116905

$87,682 UNIVERSITY OF SOUTHERN CALIFORNIA
CONTROL OF QUANTUM OPEN SYSTEMS: THEORY AND EXPERIMENTS
8/9/11 to 10/8/12 RESEARCH
DALESSANDRO, DOMENICO MATHEMATICS-LAS
113596
## I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

### 117303  
**GUIDE TO CONCRETE BONDED OVERLAYS FOR COMMERCIAL PARKING LOTS**
- **Amount:** $78,902
- **Funding Source:** RMC RESEARCH & EDUCATION FOUNDATION
- **Duration:** 1/1/12 to 4/30/12
- **Research:**
  - **PI:** CACKLER, ELLS
  - **Co-PIs:** NAMBIAN, SHASHI
  - **Institute:** INSTITUTE FOR TRANSPORTATION-VPR/ED

### 11248  
**PHOTONIC NANOMETAMATERIALS (PHOTONANO)**
- **Amount:** $70,741
- **Funding Source:** DOD-OFFICE OF NAVAL RESEARCH (ONR)
- **Duration:** 7/15/10 to 9/30/13
- **Research:**
  - **PI:** SOUKOULIS, COSTAS
  - **Institute:** PHYSICS & ASTRONOMY-LAS

### 117502  
**UNIFORMITY IN NEAR INFRARED MEASUREMENTS OF SOYBEAN QUALITY TRAITS, FY2012**
- **Amount:** $65,576
- **Funding Source:** AMERICAN OIL CHEMISTS SOCIETY
- **Duration:** 1/2/12 to 12/31/12
- **Research:**
  - **PI:** HURBURGH, CHARLES
  - **Co-PIs:** BRUMM, THOMAS
  - **Institute:** AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

### 105212  
**FOOD AND ENERGY PRODUCTION: INTERNATIONALIZED AGRICULTURAL AND ENGINEERING PROGRAMS**
- **Amount:** $61,424
- **Funding Source:** UNIVERSITY OF KENTUCKY
- **Duration:** 7/1/09 to 6/30/13
- **Instruction/Training:**
  - **PI:** STEWARD, BRIAN
  - **Co-PIs:** DARR, MATTHEW, BRUMM, THOMAS
  - **Institute:** AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

### 117738  
**USE OF MULTIMIN90® TO INCREASE RETAIL PRODUCT YIELD AND CARCASS QUALITY IN FEEDLOT CATTLE**
- **Amount:** $59,500
- **Funding Source:** HIGH PERFORMANCE TECHNOLOGIES INC (HPTI)
- **Duration:** 5/16/12 to 10/1/13
- **Research:**
  - **PI:** HANSEN, STEPHANIE
  - **Institute:** ANIMAL SCIENCE-AES/CALS

### 116631  
**CONVERTING GAMESS TO FORTRAN90**
- **Amount:** $61,045
- **Funding Source:** MULTIMIN USA
- **Duration:** 5/16/12 to 10/1/13
- **Research:**
  - **PI:** GORDON, MARK
  - **Institute:** CHEMISTRY-LAS
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$58,040 IOWA DEPARTMENT OF TRANSPORTATION

117305 LOCAL ROADS SAFETY LIAISON PROGRAM

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

KNAPP, KEITH INSTITUTE FOR TRANSPORTATION-VPR/ED
SPERRY, ROBERT INSTITUTE FOR TRANSPORTATION-VPR/ED
NAMBISSAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED

$56,903 MICHIGAN STATE UNIVERSITY

117697 NORTH CENTRAL REGIONAL AQUACULTURE CENTER (NCRAC) ADMINISTRATION

6/1/10 to 7/31/12 RESEARCH

MORRIS, JOSEPH NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS

$55,000 WEIDEMANN ASSOCIATES INC

108147 BRIDGING THE GAP: INCREASING COMPETITIVENESS OF UGANDAN WOMEN FARMERS IN THE MARKETPLACE

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

HANSEN, RAYMOND VALUE ADDED AGRICULTURE-EXT
ROTHSCHILD, MAX ANIMAL SCIENCE-AES/CALS
WESTGATE, MARK AGRONOMY-AES/CALS
NAEVE, LINDA VALUE ADDED AGRICULTURE-EXT

$52,517 NORTH CENTRAL SOYBEAN RESEARCH

107908 THE SUDDEN DEATH SYNDROME RESEARCH ALLIANCE (PHASE II, 2010-2013)

3/1/11 to 2/28/12 RESEARCH

LEANDRO, LEONOR PLANT PATHOLOGY-AES/CALS
CIANZIO, SILVIA AGRONOMY-AES/CALS
BHATTACHARYYA, MADAN AGRONOMY-AES/CALS
BEAVIS, WILLIAM AGRONOMY-AES/CALS

$50,147 DEERE & COMPANY

117521 SMART CAMERA APPLICATIONS FOR TRACTOR-IMPLEMENT AUTO COUPLING AND WEED DETECTION

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

TANG, LIE AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS
January 01 - 31, 2012

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

307

$50,000 NATIONAL PORK BOARD
453-23-36

116983 RESPONSE GUIDELINES FOR MODERATE AND HIGH PATHOGENICITY INFLUENZA IN THE UNITED STATES SWINE POPULATION
1/1/11 to 7/31/12 EXTENSION/PUBLIC
ROTH, JAMES
VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

$50,000 NATIONAL PORK BOARD
453-23-38

117530 UPDATE OF HIGHLY CONTAGIOUS DISEASES OF SWINE DOCUMENT AND DRAFT AN FMD VACCINATION PLAN
1/1/12 to 12/31/12 EXTENSION/PUBLIC
ROTH, JAMES
VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

$50,000 LESAFFRE YEAST CORPORATION
400-72-04

117586 CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP
2/1/12 to 1/31/13 RESEARCH
SHANKS, BRENT
CHEMICAL & BIOLOGICAL ENGINEERING-ENGR

$49,593 SOUTHWEST IOWA COALITION
400-30-49

117549 SWICO PROGRAM COORDINATION
1/1/12 to 12/31/14 EXTENSION/PUBLIC
BORICH, TIMOTHY
COMMUNITY & REGIONAL PLANNING-EXT

$46,711 UNIVERSITY OF IOWA
404-18-01

113605 IOWA AGEP EVALUATION
404-18-01

6/1/11 to 5/31/12 RESEARCH
HOLGER, DAVID
GRADUATE COLLEGE-PROV

CO-PI FREEMAN, STEVEN
AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS

$39,590 ED-U.S. DEPARTMENT OF EDUCATION
432-57-11

116617 PELL GRANT, FY12
432-57-11

7/1/11 to 6/30/12 STUDENT FINANCIAL AID
JOHNSON, ROBERTA
STUDENT FINANCIAL AID-VPSA
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$31,000 DUPONT

117717 SEED TREATMENT FIELD TRIALS-DUPONT CROP PROTECTION
1/1/12 to 12/31/13 RESEARCH
MUNKVOLD, GARY
PLANT PATHOLOGY-AES/CALS

$30,846 KANSAS STATE UNIVERSITY

117668 MULTI-INSTITUTIONAL DEVELOPMENT AND VALIDATION OF A MULTIPLEX FLUORESCENT MICROSPHERE IMMUNOASSAY FOR THE DIAGNOSIS OF MULTIPLE AGENTS IN SERUM AND ORAL FLUID SAMPLES
10/1/11 to 9/30/12 RESEARCH
ZIMMERMAN, JEFFREY
VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

$30,000 AGILTRON INC

111889 DESIGN OF STRUCTURES FOR DIRECTIONAL EMISSION IN THE INFRARED
12/7/11 to 8/20/12 RESEARCH
BISWAS, RANA
MICROELECTRONICS RESEARCH CENTER - IPRT-VPR/ED

$30,000 ISU RESEARCH FOUNDATION

117508 QQS AS A MOLECULAR TOOL TO INCREASE THE PROTEIN CONTENT OF COMMERCIAL CROPS
1/1/12 to 7/31/12 RESEARCH
LI, LING
GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS

$29,983 ISU RESEARCH FOUNDATION

117700 DEVELOPMENT OF IMMUNE DEFICIENT PIGS FOR BIOMEDICAL RESEARCH
1/1/12 to 12/31/12 RESEARCH
DEKKERS, JACK
ANIMAL SCIENCE-AES/CALS
TUGGLE, CHRIS
ANIMAL SCIENCE-AES/CALS
ELLINWOOD, NORMAN
ANIMAL SCIENCE-AES/CALS
ROSS, JASON
ANIMAL SCIENCE-AES/CALS

$28,507 IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP

115430 ONION CREEK WATERSHED PROJECT
7/1/11 to 6/30/12 RESEARCH
ISENHART, THOMAS
NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS
SCHULTZ, RICHARD
NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS
## GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

### January 01 - 31, 2012

<table>
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<th>Grant Number</th>
<th>Principal Investigator</th>
<th>Institution</th>
<th>Amount</th>
<th>Funding Agency</th>
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<td>$25,000</td>
<td>PLANT PATHOLOGY-AES/CALS</td>
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**NANOPARTICLE DELIVERY OF ANTIBIOTICS FOR THE TREATMENT OF BRUCELLOSIS**

**MULTI-INSTITUTIONAL DEVELOPMENT AND VALIDATION OF A MULTIPLEX FLUORESCENT MICROSPHERE IMMUNOASSAY FOR THE DIAGNOSIS OF MULTIPLE AGENTS IN SERUM AND ORAL FLUID**

**RUI: ASTEROSEISMOLOGY OF PULSATING SUBDWARF B STARS VIA OBSERVATIONAL MODE IDENTIFICATION AND MODELING**

**COMPARATIVE EVOLUTIONARY PROTEOMICS OF COTTON**

**MOLECULAR EPIDEMIOLOGICAL STUDY OF INFLUENZA A IN COMPANION ANIMALS**

**IMPROVING MANAGEMENT OF SOYBEAN CYST NEMATODE THROUGH EXTENSION DEMONSTRATION AND OUTREACH-PHASE II**
### Gifts, Grants, Contracts and Memoranda of Agreement

**January 01 - 31, 2012**

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<tr>
<th>ID</th>
<th>Agency/Contractor</th>
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### I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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<th>ID</th>
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<td>NEUROPROTECTION BY MITOCHONDRIA-TARGETED ANTIOXIDANTS</td>
<td>MEDICAL COLLEGE OF WISCONSIN</td>
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I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

January 01 - 31, 2012

$14,454 UNIVERSITY OF NEBRASKA LINCOLN

116678 BELAA MINI-GRANT MANURE MANAGEMENT 101

12/1/11 to 8/31/12 EXTENSION/PUBLIC

LAWRENCE, JOHN EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT

RIECK-HINZ, ANGELA AGRONOMY-EXT

$13,000 CHEMTURA AGROSOLUTIONS

117617 TEST CHEMTURA PRODUCTS AGAINST RHIZOCTONIA AND PHYTOPHTHORA OF SOYBEAN AND YIELD RESPONSE

6/1/11 to 7/1/12 RESEARCH

YANG, XIAO PLANT PATHOLOGY-AES/CALS

NAVI, SHRISHAIL PLANT PATHOLOGY-AES/CALS

$12,500 IOWA VETERINARY MEDICAL ASSOCIATION

113352 USE OF AN IMPLANTABLE DEVICE FOR IN VIVO DETECTION MYCOBACTERIUM AVIUM PARATUBERCULOSIS (MAP) IN ASYMPTOMATIC CALVES

10/31/11 to 10/31/12 RESEARCH

HOSTETTER, JESSE VETERINARY PATHOLOGY-VET

JONES, DOUGLAS VETERINARY PATHOLOGY-VET

$12,500 UNIVERSITY OF NEBRASKA LINCOLN

116619 2012 CERTIFIED COP LEADERSHIP FUNDING FOR COOPERATIVES

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

HANSEN, RAYMOND VALUE ADDED AGRICULTURE-EXT

SCHULTZ, MADELINE VALUE ADDED AGRICULTURE-EXT

$11,179 AMERICAN EAGLE FOUNDATION

116221 LEAD EXPOSURE IN IOWA BALD EAGLES

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

DINSMORE, STEPHEN NATURAL RESOURCE ECOTOLOGY & MANAGEMENT-AES/CALS

BLANCHONG, JULIE NATURAL RESOURCE ECOTOLOGY & MANAGEMENT-AES/CALS
## I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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

### $7,000 AJINOMOTO CO, INC

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<td>8/3/12</td>
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1. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$3,438  EASTERN IOWA COMMUNITY COLLEGE DISTRICT
117614  LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM
9/1/11 to 8/31/12  EXTENSION/PUBLIC
TALLMAN, KELI  EXTENSION 4-H YOUTH DEVELOPMENT-EXT

$3,000  UNITED ACTION FOR YOUTH
117008  LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM
9/1/11 to 8/31/12  EXTENSION/PUBLIC
TALLMAN, KELI  EXTENSION 4-H YOUTH DEVELOPMENT-EXT

$3,000  UNITED ACTION FOR YOUTH
117008  LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM
9/1/11 to 8/31/12  EXTENSION/PUBLIC
TALLMAN, KELI  EXTENSION 4-H YOUTH DEVELOPMENT-EXT

$2,759  UNIVERSITY OF MISSOURI COLUMBIA
116123  HEALTHY RELATIONSHIP AND MARRIAGE EDUCATION TRAINING PROJECT (HRMET) YEAR 4
12/13/11 to 9/29/12  EXTENSION/PUBLIC
GREDER, KIMBERLY  HUMAN DEVELOPMENT & FAMILY STUDIES-HS
SANTIAGO, ANTHONY  EXTENSION TO FAMILIES-EXT

$2,587  VALENT USA CORPORATION
117522  EVALUATION OF VALENT SEED TREATMENTS AGAINST SOYBEAN SUDDEN DEATH SYNDROME IN GREENHOUSE CONDITIONS
5/15/11 to 1/30/12  RESEARCH
LEANDRO, LEONOR  PLANT PATHOLOGY-AES/CALS

$2,500  HEADS UP PLANT PROTECTANTS INC
117575  TEST “HEADSUP” PRODUCT AGAINST WHITE MOLD, RHIZOCTONIA AND SUDDEN DEATH SYNDROME OF SOYBEAN AND YIELD
6/1/11 to 5/30/12  RESEARCH
YANG, XIAO  PLANT PATHOLOGY-AES/CALS
NAVI, SHRISHAIL  PLANT PATHOLOGY-AES/CALS

$1,592  LOUISA COUNTY EXTENSION OFFICE
117606  LOCAL SUPPORT FOR IOWA AMERICORPS STATE OF PROMISE PROGRAM
9/1/11 to 8/31/12  EXTENSION/PUBLIC
TALLMAN, KELI  EXTENSION 4-H YOUTH DEVELOPMENT-EXT
## I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

### 112138

**PELL GRANT, FY11**

- **Type:** STUDENT FINANCIAL AID
- **Dates:** 7/1/10 to 6/30/11
- **Recipient:** JOHNSON, ROBERTA
- **Institution:** STUDENT FINANCIAL AID-VPSA

- **Amount:** $1,387
- **Project:** ED-U.S. DEPARTMENT OF EDUCATION, PELL GRANT, FY11
- **Contact Person:** 432-57-90

### 117685

**HOSTING SCHOLAR FROM EASTERN EUROPE (BOSNIA)**

- **Type:** INSTRUCTION/TRAINING
- **Dates:** 1/11/12 to 5/20/12
- **Recipient:** BARRATT, MARY
- **Institution:** ENGLISH-LAS

- **Amount:** $1,000
- **Project:** AMERICAN COUNCILS FOR INTERNATIONAL EDUCATION
- **Contact Person:** 404-21-57

### 115286

**PHASE 1 ARCHAEOLOGICAL SURVEY**

- **Type:** EXTENSION/PUBLIC
- **Dates:** 7/1/11 to 6/30/12
- **Recipient:** HILL, MATTHEW
- **Institution:** ANTHROPOLOGY-LAS

- **Amount:** $939
- **Project:** IOWA DEPARTMENT OF NATURAL RESOURCES
- **Contact Person:** 473-21-04

### 114089

**EFFECT OF DIVERSITY ON THE PRAIRIE EXPERIENCE**

- **Type:** RESEARCH
- **Dates:** 4/1/11 to 4/1/12
- **Recipients:** HARPOLE, WILLIAM, BACH, ELIZABETH, MORTENSEN, BRENT, SULLIVAN, LAUREN
- **Institution:** ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

- **Amount:** $500
- **Project:** IOWA NATIVE PLANT SOCIETY
- **Contact Person:** 400-21-64