I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$1,047,025  DEPARTMENT OF AGRICULTURE, CSREES

98313  Sustainable Systems for Cucurbit Crops on Organic Farms

8/1/09  to  7/31/12  EXTENSION/PUBLIC

GLEASON, MARK  PLANT PATHOLOGY-EXT
LEWIS, DONALD  ENTOMOLOGY-EXT
BATZER, JEAN  PLANT PATHOLOGY-EXT
JESSE, LAURA  PLANT PATHOLOGY-EXT
NUTTER, FORREST  PLANT PATHOLOGY-AES/CALS
CORREIA, ANA  CURRICULUM & INSTRUCTION-HS

$848,500  UNIVERSITY OF NEBRASKA MEDICAL CENTER

96429  Synthetic Nanovaccines Against Respiratory Pathogens

7/1/09  to  6/30/13  RESEARCH

MALLAPRAGADA, S.  CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
NARASIMHAN, BALAJI  CHEMICAL & BIOLOGICAL ENGINEERING-ENGR
WANNEMUEHLER, MICHAEL  VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET

$700,709  UNIVERSITY OF NORTHERN IOWA

104813  Multifunctional Polymer Matrix Composites

9/1/09  to  7/31/12  RESEARCH

KESSLER, MICHAEL  MATERIALS SCIENCE & ENGINEERING-ENGR
TAN, XIAO LI  MATERIALS SCIENCE & ENGINEERING-ENGR
BOWLER, NICOLA  MATERIALS SCIENCE & ENGINEERING-ENGR
LIN, ZHI QUN  MATERIALS SCIENCE & ENGINEERING-ENGR

$400,000  NATIONAL SCIENCE FOUNDATION

90246  Enabling Petascale Applications in the Chemical Sciences

10/1/07  to  9/30/10  RESEARCH

GORDON, MARK  CHEMISTRY
LAMM, MONICA  CHEMICAL & BIOLOGICAL ENGINEERING
SOSONKINA, MASHA  COMPUTER SCIENCE
WINDUS, THERESA  CHEMISTRY
### I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$194,327 BASF CORPORATION

104436 Investigations of the Effects of Stamina Seed Treatment on the Seed/Seedling Physiology of Maize Exposed to Low Temperature Stress
8/1/09 to 12/31/12 RESEARCH
KNAPP, ALLEN AGRONOMY-AES/CALS
MUNKVOLD, GARY PLANT PATHOLOGY-AES/CALS

$174,655 UNIVERSITY OF MINNESOTA

94304 Demonstrating the Impacts of Mixed Annual-Perennial Agroecosystems on Environmental Quality and Biomass Feedstock Production
10/1/09 to 9/30/12 RESEARCH
HELMERS, MATTHEW AGRICULTURAL & BIOSYSTEMS ENGINEERING-CALS
ASBJORNSEN, HEIDI NATURAL RESOURCE ECOLOGY & MANAGEMENT-CALS
SCHULTE, LISA NATURAL RESOURCE ECOLOGY & MANAGEMENT-CALS
LIEBMW, MATTHEW AGRONOMY-CALS
ONEAL, MATTHEW ENTOMOLOGY-CALS

$169,967 IOWA DEPARTMENT OF PUBLIC HEALTH

105394 MCH 1-800 Healthy Families Teenline 2010
10/1/09 to 9/30/10 EXTENSION/PUBLIC
WARNING, JEANNE EXTENSION TO FAMILIES-EXT
VANGINKEL, MARGARET EXTENSION TO FAMILIES-EXT

$142,539 INTERNATIONAL CROPS RESEARCH INSTITUTE FOR SEMI-ARID TROPICS

105537 Seed Development for Southern Africa
10/1/09 to 9/30/10 INSTRUCTION/TRAINING
CORTES, JOSEPH SEED SCIENCE CENTER-AES/CALS

$137,171 CARNEGIE INSTITUTE OF WASHINGTON (CALIFORNIA)

85306 Functional Genomics of Maize Gametophytes
9/15/07 to 8/31/10 RESEARCH
VOLLBRECHT, ERIK GENETICS, DEVELOPMENT & CELL BIOLOGY
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$125,000 IOWA DEPARTMENT OF EDUCATION

104272 Iowa's Reading First Program State Evaluation

  7/1/09 to 6/30/10 RESEARCH
  CURRICULUM & INSTRUCTION-HS
  PHYE, GARY
  DELAMORA, ARLENE

$117,000 IOWA SOYBEAN ASSOCIATION

105590 Fusarium Species Infecting Soybean Roots: Risks And Management Tools

  10/1/09 to 9/30/10 RESEARCH
  PLANT PATHOLOGY-AES/CALS
  MUNKVOLD, GARY
  PEDERSEN, PALLE
  ROBERTSON, ALISON
  TYLKA, GREGORY
  CIANZIO, SILVIA
  LEANDRO, LEONOR

$104,380 IOWA HOMELAND SECURITY

105703 Radiological Emergency Response

  7/1/09 to 6/30/10 FELLOWSHIP
  ENVIRONMENTAL HEALTH & SAFETY-VPBF
  INYANG, ANIEFIO

$100,000 AGILTRON, INC

93487 SBIR Phase II: Preparation and Characterization of Chalcogenide Glasses for Infrared Fiber for Conversion and Routing

  11/1/09 to 10/31/10 RESEARCH
  MATERIALS SCIENCE & ENGINEERING-ENGR
  MARTIN, STEVE

$100,000 DEPARTMENT OF AGRICULTURE, RMA

98023 Annie's National Outreach Center Project: Phase II Development

  9/28/09 to 9/30/10 EXTENSION/PUBLIC
  ECONOMICS-EXT
  EDWARDS, WILLIAM
  HANSEN, RAYMOND
  SCHULTZ, MADELINE
  EGGERS, TIMOTHY
  WELLS, JON
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$100,000 ROCKWELL COLLINS

105540 Real Time Image Navigation and Mapping
10/6/09 to 9/30/10 RESEARCH
SOMANI, ARUN ELECTRICAL & COMPUTER ENGINEERING-ENGR

$96,368 ARCHER DANIELS MIDLAND COMPANY

105546 Effect of Moisture Content and Chemical Treatment on Storage Stability and Animal Feed Value of Corn Stover Harvested Using Single-Pass Technology
1/1/10 to 12/31/10 RESEARCH
RUSSELL, JAMES ANIMAL SCIENCE-AES/CALS
LOY, DANIEL ANIMAL SCIENCE-AES/CALS

$95,000 BAYER CROPSCIENCE TECHNOLOGY SERVICES

104777 Evaluating Spirotetramat for Soybean Aphid Management
5/1/09 to 8/30/11 RESEARCH
ONEAL, MATTHEW ENTOMOLOGY-AES/CALS

$87,168 MAYO CLINIC

94478 Improving Colonoscopy Quality Through Automated Monitoring
9/30/09 to 9/29/10 RESEARCH
TAVANAPONG, WALLAPA COMPUTER SCIENCE-LAS
WONG, JOHNNY COMPUTER SCIENCE-LAS

$85,943 JET PROPULSION LABORATORY

105476 Research Support Agreement - RSA NO 1389588
10/14/09 to 9/30/11 RESEARCH
MARENGO, MASSIMO PHYSICS & ASTRONOMY-LAS

$77,800 IOWA SOYBEAN ASSOCIATION

99630 Identifying Factors that Influence Genetic Diversity in Endemic Phytophthora Sojae Populations
10/1/09 to 9/30/10 RESEARCH
ROBERTSON, ALISON PLANT PATHOLOGY-AES/CALS
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I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$50,000 OKLAHOMA STATE UNIVERSITY

104426 Restoring Functioning Prairie in a Working Lands Landscape

8/1/08 to 6/30/10 MISCELLANEOUS
MORRIS, JOSEPH
HARR, RYAN
CO-PI
NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS
NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS

$49,490 IOWA SOYBEAN ASSOCIATION

99587 Relationships Between Grain Yield, Potassium Removal and Recycling, and Soil Potassium in Corn-Soybean Rotations

10/1/09 to 9/30/10 RESEARCH
MALLARINO, ANTONIO
AGRonomy-EXT

$49,470 NATIONAL PORK BOARD

99074 Optimization of Ante Mortem Methods for Surveillance of Swine Influenza Infection

12/1/09 to 12/1/10 RESEARCH
IRWIN, CHRISTA
ZIMMERMAN, JEFFREY
JOHNSON, JOHN
RAMAMOORTHY, SHEELA
MILLMAN, SUZANNE
CO-PI
VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET
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VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET

$41,997 NATIONAL PORK BOARD

99057 MRSA Resistance to Thermal Processes Commonly Used with Pork and Pork Products

12/1/09 to 12/1/10 RESEARCH
DICKSON, JAMES
CORDRAY, JOSEPH
OLSON, DENNIS
CO-PI
ANIMAL SCIENCE-AES/CALS
ANIMAL SCIENCE-AES/CALS
ANIMAL SCIENCE-AES/CALS

$41,170 DEPARTMENT OF AGRICULTURE, CSREES

99419 Increasing Citizen Involvement in Hazard Mitigation Planning and Implementation

9/1/09 to 8/31/10 EXTENSION/PUBLIC
TAYLOR, GARY
BROSHAR, DONNIE
CO-PI
COMMUNITY & REGIONAL PLANNING-DSN
EXTENSION 4-H YOUTH DEVELOPMENT-EXT
II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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**Project Details:**
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- **LUTZ, DONNA**
- **SCHAEFER, KRISTINE**
- **BUFFINGTON, ELIZABETH**
- **STEWARD, BRIAN**
- **DARR, MATTHEW**
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*January 01 - June 30, 2009*
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$10,712 UNITED STATES ARMY CORPS OF ENGINEERS

98262 Water Quality Study, Saylorville Reservoir

11/9/09 to 2/28/10 RESEARCH
LUTZ, DONNA
ONG, SAY

CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR
CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR

$10,000 UNIVERSITY OF MINNESOTA

97873 NCR-SARE 2009 Graduate Student Grant Program

1/1/10 to 12/31/11 RESEARCH
AL-KAISI, MAHDI
GUZMAN, JOSE

AGRONOMY-EXT
AGRONOMY-EXT

$10,000 DEPARTMENT OF AGRICULTURE, RMA

99198 Risk Management Training for Swine Producers

8/21/09 to 9/30/10 EXTENSION/PUBLIC
STENDER, DAVID
OLSEN, THOMAS

EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT
EXTENSION AREA - NORTHWEST-EXT

$10,000 DEPARTMENT OF EDUCATION

105116 National Science and Mathematics Access to Retain Talent (SMART) Grant, FY10

7/1/09 to 6/30/10 STUDENT FINANCIAL AID
JOHNSON, ROBERTA

VICE PRESIDENT FOR STUDENT AFFAIRS-VPSA

$9,869 ECHO360

104522 The Effect of Lecture Capture: It is Affected by Pedagogical Approach and Content Type?

9/1/09 to 8/31/10 RESEARCH
DANIELSON, JARED
BENDER, HOLLY

VETERINARY PATHOLOGY-VET
VETERINARY PATHOLOGY-VET

$9,286 IOWA DEPARTMENT OF TRANSPORTATION

98633 Safety Analysis, Visualization, and Exploration Resource

10/1/07 to 5/31/10 RESEARCH
MITRA, SIMANTA

COMPUTER SCIENCE-LAS
I. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$8,800  DEPARTMENT OF AGRICULTURE, CSREES

99417  Iowa Community Vitality Center
8/15/09 to 8/14/10  EXTENSION/PUBLIC
EDELMAN, MARK  ECONOMICS-AES/CALS

$7,594  CENTREVILLE COMMUNITY SCHOOL DISTRICT

105136  Local Support for Iowa AmeriCorps State of Promise Program
9/1/09 to 8/31/10  EXTENSION/PUBLIC
BROSHAR, DON  EXTENSION 4-H YOUTH DEVELOPMENT-EXT

$6,633  UNIVERSITY OF CALIFORNIA

104291  The 2009 Legume Integrated Pest Management PIPE Subcontract-Iowa
9/1/09 to 12/31/10  EXTENSION/PUBLIC
MUELLER, DAREN  PLANT PATHOLOGY-EXT

$6,000  IOWA DEPARTMENT OF PUBLIC HEALTH

105247  Evaluation MOU-2010-ISU-NU01
10/1/09 to 9/30/10  RESEARCH
SHELLEY, MACK  STATISTICS-LAS

$5,000  IOWA DEPARTMENT OF PUBLIC HEALTH

105115  Iowa Concern Hotline Services for the H1N1 Flu
10/1/09 to 2/28/10  EXTENSION/PUBLIC
WARNING, JEANNE  EXTENSION TO FAMILIES-EXT
CO-PI VANGINKEL, MARGARET  EXTENSION TO FAMILIES-EXT

$5,000  DEPARTMENT OF AGRICULTURE, ARS

105808  Research Support Agreement
10/1/09 to 9/30/10  RESEARCH
SPALDING, MARTIN  GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS
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<th>End Date</th>
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November 01 - 30, 2009

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

$1,688  IOWA 4-H FOUNDATION  
105844  Local Support for Iowa Americorps State of Promise Program  
9/1/09 to 8/31/10  EXTENSION/PUBLIC  
BROSHAR, DON  EXTENSION 4-H YOUTH DEVELOPMENT-EXT

$1,688  YOUTH & SHELTER SERVICES  
105874  Local Support for Iowa Americorps State of Promise Program  
9/1/09 to 8/31/10  EXTENSION/PUBLIC  
BROSHAR, DON  EXTENSION 4-H YOUTH DEVELOPMENT-EXT