

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

| | | | |
|---------------|---|--|-----------|
| \$4,000,000 | NSF-NATIONAL SCIENCE FOUNDATION | | 420-17-08 |
| 112082 | IOWA EPSCOR: HARNESSING ENERGY FLOWS IN THE BIOSPHERE TO BUILD SUSTAINABLE ENERGY SYSTEMS | | |
| | 9/1/11 to 8/31/16 | RESEARCH | |
| | BROWN, ROBERT | MECHANICAL ENGINEERING-ENGR | |
| CO-PI | NORDMEYER, KEVIN | IOWA ENERGY CENTER-VPR/ED | |
| CO-PI | RAJAN, CHITRA | VICE PRESIDENT FOR RESEARCH & ECONOMIC DEVELOPMENT-VPR/ED | |
| \$4,000,000 | NSF-NATIONAL SCIENCE FOUNDATION | | 420-72-20 |
| 114713 | NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) | | |
| | 9/1/11 to 8/31/13 | RESEARCH | |
| | SHANKS, BRENT | NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR | |
| CO-PI | RAMAN, DAVE | AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS | |
| CO-PI | REILLY, PETER | CHEMICAL & BIOLOGICAL ENGINEERING-ENGR | |
| CO-PI | ROLLINS, DERRICK | CHEMICAL & BIOLOGICAL ENGINEERING-ENGR | |
| CO-PI | SHANKS, JACQUELINE | CHEMICAL & BIOLOGICAL ENGINEERING-ENGR | |
| CO-PI | WOO, LEE | CHEMISTRY-LAS | |
| CO-PI | WURTELE, EVE | GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS | |
| CO-PI | KRAUS, GEORGE | INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY ADMINISTRATION-VPR/ED | |
| CO-PI | MCCARLEY, TONIA | NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR | |
| CO-PI | NIKOLAU, BASIL | BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS | |
| CO-PI | BOBIK, THOMAS | BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS | |
| CO-PI | DICKERSON, JULIE | ELECTRICAL & COMPUTER ENGINEERING-ENGR | |
| CO-PI | KEELING, PETER | NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR | |
| CO-PI | JARBOE, LAURA | CHEMICAL & BIOLOGICAL ENGINEERING-ENGR | |
| CO-PI | LESHEM-ACKERMAN, ADAH | NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR | |
| CO-PI | LAROCK, RICHARD | CHEMISTRY-LAS | |
| CO-PI | OLIVER, DAVID | GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS | |
| \$3,891,543 | IOWA DEPARTMENT OF COMMERCE | | 478-17-00 |
| 99209 | OPERATIONAL FUNDS FOR THE IOWA ENERGY CENTER | | |
| | 8/23/11 to 12/31/99 | RESEARCH | |
| | NORDMEYER, KEVIN | IOWA ENERGY CENTER-VPR/ED | |

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

| | | | |
|---------------|--|--|-----------|
| \$3,493,122 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | | 602-40-00 |
| 114079 | 2011 HATCH RESEARCH | | |
| | 10/1/10 to 9/30/12 | RESEARCH | |
| | WINTERSTEEN, WENDY | AGRICULTURE & HOME ECONOMICS EXPERIMENT STATION-AES/CALS | |
| \$2,784,591 | DOE-U.S. DEPARTMENT OF ENERGY | | 401-25-01 |
| 93016 | OPERATING AND MANAGEMENT SUPPORT FOR THE AMES LABORATORY | | |
| | 11/1/08 to 12/31/11 | RESEARCH | |
| | KING, ALEXANDER | AMES LABORATORY | |
| \$2,000,000 | IOWA OFFICE OF ENERGY INDEPENDENCE | | 478-17-08 |
| 104980 | HARNESSING ENERGY FLOWS IN THE BIOSPHERE | | |
| | 9/1/11 to 8/31/16 | EQUIPMENT | |
| | BROWN, ROBERT | MECHANICAL ENGINEERING-ENGR | |
| \$1,949,642 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | | 416-40-17 |
| 114097 | BIOPLASTIC CONTAINER CROPPING SYSTEMS: GREEN TECHNOLOGY FOR THE GREEN INDUSTRY | | |
| | 9/1/11 to 8/31/16 | RESEARCH | |
| | GRAVES, WILLIAM | HORTICULTURE-AES/CALS | |
| CO-PI | GREWELL, DAVID | AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS | |
| CO-PI | KESSLER, MICHAEL | MATERIALS SCIENCE & ENGINEERING-ENGR | |
| CO-PI | SCHRADER, JAMES | HORTICULTURE-AES/CALS | |
| \$1,860,858 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | | 415-40-00 |
| 114082 | 2011 HATCH MULTISTATE RESEARCH | | |
| | 10/1/10 to 9/30/12 | RESEARCH | |
| | WINTERSTEEN, WENDY | AGRICULTURE & HOME ECONOMICS EXPERIMENT STATION-AES/CALS | |
| \$1,246,317 | NIH-NATIONAL INSTITUTES OF HEALTH | | 430-23-05 |
| 106067 | ENHANCING B CELL IMMUNITY AGAINST HIV-1 USING NOVEL VACCINE DELIVERY PLATFORMS | | |
| | 8/1/11 to 7/31/12 | RESEARCH | |
| | CHO, MICHAEL | BIOMEDICAL SCIENCES-VET | |
| CO-PI | NARASIMHAN, BALAJI | CHEMICAL & BIOLOGICAL ENGINEERING-ENGR | |

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|---------------|--|--|-----------|
| \$1,246,317 | NIH-NATIONAL INSTITUTES OF HEALTH | | 430-23-05 |
| 106067 | ENHANCING B CELL IMMUNITY AGAINST HIV-1 USING NOVEL VACCINE DELIVERY PLATFORMS | | |
| | 8/1/11 to 7/31/12 | RESEARCH | |
| CO-PI | POHL, NICOLA | CHEMISTRY-LAS | |
| \$962,500 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | | 416-41-05 |
| 111177 | IMPROVING NUTRIENT UTILIZATION AND FEED EFFICIENCY THROUGH RESEARCH AND EXTENSION TO ENHANCE PIG INDUSTRY SUSTAINABILITY AND COMPETITIVENESS | | |
| | 4/1/11 to 3/31/13 | RESEARCH | |
| | PATIENCE, JOHN | ANIMAL SCIENCE-AES/CALS | |
| CO-PI | MABRY, JOHN | ANIMAL SCIENCE-AES/CALS | |
| CO-PI | NETTLETON, DANIEL | STATISTICS-LAS | |
| CO-PI | ROTHSCHILD, MAX | ANIMAL SCIENCE-AES/CALS | |
| CO-PI | DEKKERS, JACK | ANIMAL SCIENCE-AES/CALS | |
| CO-PI | GABLER, NICHOLAS | ANIMAL SCIENCE-AES/CALS | |
| CO-PI | TUGGLE, CHRIS | ANIMAL SCIENCE-AES/CALS | |
| CO-PI | ANDERSON, LLOYD | ANIMAL SCIENCE-AES/CALS | |
| CO-PI | LONERGAN, ELISABETH | ANIMAL SCIENCE-AES/CALS | |
| CO-PI | BUTTERS-JOHNSON, ANNA | ANIMAL SCIENCE-AES/CALS | |
| CO-PI | LIU, PENG | STATISTICS-LAS | |
| CO-PI | LONERGAN, STEVEN | ANIMAL SCIENCE-AES/CALS | |
| \$699,540 | NSF-NATIONAL SCIENCE FOUNDATION | | 420-40-80 |
| 97619 | THE FUNCTIONAL INTERACTOME OF CEREALS WITH THE FUNGAL BIOTROPH, BLUMERIA GRAMINIS | | |
| | 3/15/10 to 2/28/13 | RESEARCH | |
| | WISE, ROGER | PLANT PATHOLOGY-CALS | |
| CO-PI | BOGDANOVE, ADAM | PLANT PATHOLOGY-CALS | |
| CO-PI | NETTLETON, DANIEL | STATISTICS-LAS | |
| CO-PI | DICKERSON, JULIE | ELECTRICAL & COMPUTER ENGINEERING-ENGR | |
| CO-PI | LESHEM-ACKERMAN, ADAH | ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS | |
| \$675,750 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | | 416-30-11 |
| 113875 | FARM TRANSITION AND BUSINESS MANAGEMENT TRAINING FOR WOMEN FARMERS AND RANCHERS | | |
| | 9/1/11 to 8/31/14 | EXTENSION/PUBLIC | |
| | HANSEN, RAYMOND | VALUE ADDED AGRICULTURE-EXT | |
| CO-PI | EGGERS, TIMOTHY | EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT | |

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\$675,750 USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)

416-30-11

113875 FARM TRANSITION AND BUSINESS MANAGEMENT TRAINING FOR WOMEN FARMERS AND RANCHERS

9/1/11 to 8/31/14 EXTENSION/PUBLIC

CO-PI WELLS, JON EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT

CO-PI SCHULTZ, MADELINE VALUE ADDED AGRICULTURE-EXT

\$614,973 KANSAS STATE UNIVERSITY

404-40-41

92671 GEPR: TRANSCRIPTION PROFILING AND FUNCTIONAL ANALYSES OF BACTERIAL DISEASE SUSCEPTIBILITY PATHWAYS OF RICE

9/15/08 to 8/31/12 RESEARCH

BOGDANOVE, ADAM PLANT PATHOLOGY-AES

CO-PI YANG, BING GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS

\$569,484 NSF-NATIONAL SCIENCE FOUNDATION

420-20-68

112062 IGERT: A NEW PHD PROGRAM IN WIND ENERGY SCIENCE, ENGINEERING AND POLICY

9/1/11 to 8/31/12 INSTRUCTION/TRAINING

MCCALLEY, JAMES ELECTRICAL & COMPUTER ENGINEERING-ENGR

CO-PI BRASCHE, LISA CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED

CO-PI JACKMAN, JOHN INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR

CO-PI SARKAR, PARTHA AEROSPACE ENGINEERING-ENGR

CO-PI TAKLE, GENE AGRONOMY-AES/CALS

\$567,788 USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)

418-30-01

113806 IOWA EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM, FORMULA GRANT

10/1/10 to 9/30/15 EXTENSION/PUBLIC

MARTIN, PEGGY EXTENSION TO FAMILIES-EXT

\$557,746 NSF-NATIONAL SCIENCE FOUNDATION

420-21-71

113947 EVOLUTION OF DUPLICATED PATHWAYS AND NETWORKS FOLLOWING GENOME DOUBLING

9/1/11 to 8/31/13 RESEARCH

WENDEL, JONATHAN ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

CO-PI GROVER, CORRINNE ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS

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|---------------|--|-----------|
| \$546,979 | ED-U.S. DEPARTMENT OF EDUCATION | 432-57-90 |
| 112138 | PELL GRANT, FY11 | |
| | 7/1/10 to 6/30/11 STUDENT FINANCIAL AID | |
| | JOHNSON, ROBERTA STUDENT FINANCIAL AID-VPSA | |
| \$499,972 | NSF-NATIONAL SCIENCE FOUNDATION | 420-18-01 |
| 113078 | IINSPIRE LSAMP-AN ALLIANCE MODELING HOW TO BROADEN PARTICIPATION IN CHANGING MIDWEST DEMOGRAPHICS | |
| | 8/15/11 to 7/31/16 RESEARCH | |
| | HOLGER, DAVID GRADUATE COLLEGE-PROV | |
| \$498,287 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | 416-44-25 |
| 114683 | TOWARDS A STOCHASTIC MODELING OF GLOBAL LAND USE AND GREENHOUSE GAS ACCOUNTING | |
| | 9/1/11 to 8/31/13 RESEARCH | |
| | CARRIQUIRY, MIGUEL ECONOMICS-AES/CALS | |
| CO-PI | ELOBEID, AMANI ECONOMICS-AES/CALS | |
| CO-PI | FABIOSA, JACINTO ECONOMICS-AES/CALS | |
| CO-PI | HAYES, DERMOT ECONOMICS-AES/CALS | |
| \$474,370 | HHS-FOOD & DRUG ADMINISTRATION (FDA) | 430-40-07 |
| 116212 | FOOD SAFETY INSPECTION-TRAINING FOR BULK AGRICULTURAL PRODUCT HANDLING AND PROCESSING | |
| | 9/21/11 to 8/31/12 INSTRUCTION/TRAINING | |
| | HURBURGH, CHARLES AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS | |
| CO-PI | ROTH, JAMES VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET | |
| \$445,127 | HHS-CENTERS FOR DISEASE CONTROL & PREVENTION (CDC) | 430-17-01 |
| 98852 | ADOPTION AND IMPLEMENTATION SUPPORT INNOVATIONS FOR PROSPER PARTNERSHIP-BASED EBI DELIVERY NETWORK | |
| | 9/15/09 to 9/14/12 RESEARCH | |
| | SPOTH, RICHARD PARTNERSHIPS IN PREVENTION SCIENCE INSTITUTE-VPR/ED | |
| \$399,972 | DHS-U.S. DEPARTMENT OF HOMELAND SECURITY | 428-20-01 |
| 111130 | ARI-MA: INFORMATICS AIDED DESIGN OF INORGANIC SCINTILLATOR MATERIALS | |
| | 9/1/10 to 8/31/12 RESEARCH | |
| | RAJAN, KRISHNA MATERIALS SCIENCE & ENGINEERING-ENGR | |

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|---------------|--|----------|--|-----------|
| \$372,724 | MAPP BIOPHARMACEUTICAL | | | 404-23-13 |
| 113642 | MONOCLONAL IMMUNOPROTECTANTS FOR SELECT AGENTS TOXINS (MAB-SAT) | | | |
| | 7/1/11 to 6/30/12 | RESEARCH | | |
| | SONGER, J | | VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET | |
| \$320,000 | DOE-U.S. DEPARTMENT OF ENERGY | | | 401-21-05 |
| 92218 | INTERMEDIATE/HIGH ENERGY NUCLEAR PHYSICS | | | |
| | 6/15/11 to 6/14/12 | RESEARCH | | |
| | VARY, JAMES | | PHYSICS & ASTRONOMY-LAS | |
| CO-PI | QIU, JIANWEI | | PHYSICS & ASTRONOMY-LAS | |
| \$303,433 | IOWA DEPARTMENT OF TRANSPORTATION | | | 474-79-09 |
| 114832 | BRIDGE DAMAGE DETECTION: INTEGRATION OF STRUCTURAL HEALTH MONITORING SYSTEM CONCEPTS AND COMPONENTS—A STATEWIDE COLLABORATION | | | |
| | 9/1/11 to 8/31/13 | RESEARCH | | |
| | PHARES, BRENT | | INSTITUTE FOR TRANSPORTATION-VPR/ED | |
| CO-PI | WIPF, TERRY | | CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR | |
| CO-PI | NAMBISAN, SHASHI | | INSTITUTE FOR TRANSPORTATION-VPR/ED | |
| \$299,998 | DOE-U.S. DEPARTMENT OF ENERGY | | | 401-20-02 |
| 113574 | AOI 1: COMPUTATIONAL ENERGY SCIENCES: MULTIPHASE FLOW RESEARCH-UNCERTAINTY QUANTIFICATION TOOLS FOR MULTIPHASE GAS-SOLID FLOW SIMULATIONS USING MFIX | | | |
| | 10/1/11 to 9/30/14 | RESEARCH | | |
| | FOX, RODNEY | | CHEMICAL & BIOLOGICAL ENGINEERING-ENGR | |
| \$288,074 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | | | 414-40-48 |
| 114267 | MCINTIRE-STENNIS COOPERATIVE FORESTRY RESEARCH | | | |
| | 10/1/10 to 9/30/12 | RESEARCH | | |
| | WINTERSTEEN, WENDY | | AGRICULTURE & HOME ECONOMICS EXPERIMENT STATION-AES/CALS | |
| CO-PI | COLLETTI, JOE | | NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS | |
| \$286,848 | VA-U.S. DEPARTMENT OF VETERANS AFFAIRS | | | 428-23-09 |
| 116515 | CHARACTERIZATION OF A NOVEL MODEL OF TRAUMATIC BRAIN INJURY | | | |
| | 9/15/11 to 9/15/12 | RESEARCH | | |
| | BAGLEY, RODNEY | | VETERINARY CLINICAL SCIENCES-VET | |

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| \$284,807 | NIH-NATIONAL INSTITUTES OF HEALTH | | | 430-21-02 |
| 98456 | METHODS FOR AUTOMATED SYNTHESSES OF OLIGOSACCHARIDES AND LECTIN TAGS | | | |
| | 9/1/11 to 8/31/12 | RESEARCH | | |
| | POHL, NICOLA | | CHEMISTRY-LAS | |
| CO-PI | PETERSEN, CHRISTINE | | VETERINARY PATHOLOGY-VET | |
| \$276,674 | NIH-NATIONAL INSTITUTES OF HEALTH | | | 430-46-03 |
| 111181 | IN VITRO AND IN VIVO SIGNALING MECHANISMS OF ENDOTHELIAL TUBE FORMATION | | | |
| | 9/1/11 to 8/31/13 | RESEARCH | | |
| | ESSNER, JEFFREY | | GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS | |
| \$267,074 | NIH-NATIONAL INSTITUTES OF HEALTH | | | 430-21-12 |
| 111387 | METAIBLAST: A 3D CELL AND METABOLIC BIOLOGY INTERACTIVE LEARNING ENVIRONMENT FOR HIGH SCHOOL STUDENTS | | | |
| | 9/1/11 to 6/30/12 | RESEARCH | | |
| | WURTELE, EVE | | GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS | |
| CO-PI | BASSHAM, DIANE | | GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS | |
| CO-PI | LESHEM-ACKERMAN, ADAH | | ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES/CALS | |
| \$257,315 | DOE-U.S. DEPARTMENT OF ENERGY | | | 401-21-01 |
| 113982 | COLLABORATIVE PROPOSAL: IMPROVING DECADAL PREDICTION OF ARCTIC CLIMATE VARIABILITY AND CHANGE USING A REGIONAL ARCTIC SYSTEM MODEL (RASM) | | | |
| | 9/1/11 to 8/31/13 | RESEARCH | | |
| | GUTOWSKI, WILLIAM | | GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS | |
| \$254,100 | USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS) | | | 412-05-49 |
| 115796 | DELIVERY OF EMERGING AND EXOTIC DISEASES OF ANIMAL COURSE FOR INITIAL ACCREDITATION | | | |
| | 8/31/11 to 8/31/12 | EXTENSION/PUBLIC | | |
| | ROTH, JAMES | | VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET | |
| CO-PI | BROWN, GAYLE | | CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET | |
| CO-PI | BICKETT-WEDDLE, DANIELLE | | CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET | |
| CO-PI | FLAMING, KEVAN | | CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET | |

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| \$250,000 | NSF-NATIONAL SCIENCE FOUNDATION | | 420-40-10 |
| 113990 | MOLECULAR MECHANISMS OF THE MRE11/RAD50 DNA REPAIR COMPLEX | | |
| | 9/1/11 to 8/31/12 | RESEARCH | |
| | NELSON, SCOTT | BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES/CALS | |
| \$242,250 | ED-U.S. DEPARTMENT OF EDUCATION | | 432-14-01 |
| 116359 | IOWA STATE UNIVERSITY TRIO UPWARD BOUND | | |
| | 9/1/11 to 8/31/12 | INSTRUCTION/TRAINING | |
| | AGYEMAN, JANE | ENROLLMENT SERVICES-VPSA | |
| \$240,322 | NSF-NATIONAL SCIENCE FOUNDATION | | 420-21-63 |
| 116254 | VASANT HONAVAR'S INTERGOVERNMENTAL PERSONNEL ACT (IPA) | | |
| | 9/27/11 to 9/26/12 | MISCELLANEOUS | |
| | HONAVAR, VASANT | COMPUTER SCIENCE-LAS | |
| \$238,799 | USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS) | | 412-05-47 |
| 115595 | UPDATING WEB MODULE CONTENT AND CREATING PRINTED MANUALS AND POWERPOINTS WITH SPEAKER NOTES FOR USDA-APHIS NATIONAL VETERINARY ACCREDITATION PROGRAM | | |
| | 8/31/11 to 8/31/12 | EXTENSION/PUBLIC | |
| | ROTH, JAMES | VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET | |
| CO-PI | BICKETT-WEDDLE, DANELLE | CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET | |
| \$238,000 | IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP | | 471-30-86 |
| 116080 | MIDWEST GRAPE AND WINE INDUSTRY INSTITUTE | | |
| | 7/1/11 to 6/30/12 | EXTENSION/PUBLIC | |
| | DHARMADHIKARI, MURLIDHAR | FOOD SCIENCE & HUMAN NUTRITION-AES/CALS | |
| CO-PI | LAWRENCE, JOHN | EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT | |
| \$231,777 | IOWA COMMISSION ON VOLUNTEER SERVICE | | 478-30-19 |
| 113494 | IOWA AMERICORPS STATE OF PROMISE PROGRAM | | |
| | 9/1/11 to 8/31/12 | EXTENSION/PUBLIC | |
| | TALLMAN, KELI | EXTENSION 4-H YOUTH DEVELOPMENT-EXT | |
| CO-PI | MCCARTHY, JUDY | EXTENSION 4-H YOUTH DEVELOPMENT-EXT | |

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| \$210,000 | IOWA SOYBEAN ASSOCIATION | | 450-42-18 |
| 115288 | BREEDING SOYBEAN FOR DISEASE, PEST, AND ABIOTIC STRESS RESISTANCE | | |
| | 10/1/11 to 9/30/12 | RESEARCH | |
| | CIANZIO, SILVIA | AGRONOMY-AES/CALS | |
| \$200,000 | NSF-NATIONAL SCIENCE FOUNDATION | | 420-72-03 |
| 114288 | ERC-SMALL BUSINESS: COMMERCIALIZATION OF FURANIC-BASED BIORENEWABLE CHEMICALS | | |
| | 9/15/11 to 8/31/13 | RESEARCH | |
| | SHANKS, BRENT | CHEMICAL & BIOLOGICAL ENGINEERING-ENGR | |
| \$196,323 | AGCO CORPORATION | | 400-43-13 |
| 115422 | SINGLE PASS CORN STOVER ASSESSMENT | | |
| | 8/1/11 to 7/31/12 | RESEARCH | |
| | DARR, MATTHEW | AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS | |
| \$190,000 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | | 416-30-05 |
| 114450 | INCORPORATING ROW COVERS INTO MUSKMELON IPM WITH A FARMING SYSTEMS APPROACH | | |
| | 9/1/11 to 8/31/13 | RESEARCH | |
| | GLEASON, MARK | PLANT PATHOLOGY-EXT | |
| CO-PI | DUFFY, MICHAEL | ECONOMICS-EXT | |
| CO-PI | LEWIS, DONALD | ENTOMOLOGY-EXT | |
| CO-PI | BATZER, JEAN | PLANT PATHOLOGY-EXT | |
| CO-PI | JESSE, LAURA | PLANT PATHOLOGY-EXT | |
| \$179,510 | NSF-DIRECTORATE FOR BIOLOGICAL SCIENCES (BIO) | | 420-60-04 |
| 115882 | NSF IPA ASSIGNMENT FOR JULIE DICKERSON | | |
| | 9/19/11 to 9/18/12 | MISCELLANEOUS | |
| | DICKERSON, JULIE | ELECTRICAL & COMPUTER ENGINEERING-ENGR | |
| \$176,350 | NSF-NATIONAL SCIENCE FOUNDATION | | 420-40-09 |
| 114044 | TRANSCRIPTIONAL REGULATION OF MAIZE ENDOSPERM DEVELOPMENT BY IDD9 AND IDVEG9 DUPLICATE GENES | | |
| | 9/1/11 to 8/31/12 | RESEARCH | |
| | BECRAFT, PHILIP | GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS | |

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| \$151,369 | OAK RIDGE ASSOCIATED UNIVERSITIES | 400-20-89 |
| 105886 | INCREASING USE OF FLY ASH IN CONCRETE THROUGH NANO-MATERIAL MODIFICATION, MULTI-SCALE CHARACTERIZATION, AND IMPROVED PROCESSING 10/1/11 to 9/30/12 RESEARCH WANG, KEJIN CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR | |
| \$147,170 | DOI-U.S. GEOLOGICAL SURVEY (USGS) | 424-40-25 |
| 98603 | MISSOURI RIVER MITIGATION: IOWA WETLAND RESTORATION FUNCTIONAL ASSESSMENT 6/4/09 to 5/1/14 RESEARCH OTIS, DAVID NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS CO-PI KOFORD, ROLF NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS | |
| \$141,073 | IOWA SOYBEAN ASSOCIATION | 450-42-24 |
| 115174 | ASSESSING NEMATODE CONTROL AND YIELD OF SCN-RESISTANT SOYBEAN VARIETIES IN RESPONSE TO DIFFERENT SOYBEAN CYST NEMATODE POPULATIONS (HG TYPES) 10/1/11 to 9/30/12 RESEARCH TYLKA, GREGORY PLANT PATHOLOGY-AES/CALS CO-PI LEANDRO, LEONOR PLANT PATHOLOGY-AES/CALS | |
| \$140,165 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | 416-28-04 |
| 114194 | THE POWER OF THINKING LIKE A SCIENTIST APPLIED TO WORLD HUNGER 9/1/11 to 8/31/14 RESEARCH HENDRICH, SUZANNE FOOD SCIENCE & HUMAN NUTRITION-HS CO-PI THOMPSON, JANETTE NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS CO-PI LICKLIDER, BARBARA EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS CO-PI HAYNES, CYNTHIA HORTICULTURE-AES/CALS CO-PI WIERSEMA, JANICE NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS CO-PI NONNECKE, GAIL HORTICULTURE-AES/CALS | |
| \$140,000 | IOWA DEPARTMENT OF EDUCATION | 472-28-15 |
| 116050 | EARLY CHILDHOOD PBS PROJECT 2011-12 9/1/10 to 6/30/12 RESEARCH PETERSON, CARLA HUMAN DEVELOPMENT & FAMILY STUDIES-HS CO-PI LUZE, GAYLE HUMAN DEVELOPMENT & FAMILY STUDIES-HS | |

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

| | | | |
|---------------|-----------|--|---|
| | \$138,600 | BOEHRINGER INGELHEIM VETMEDICA INC | 400-23-04 |
| 116001 | | BIOLOGICAL RISK MANAGEMENT PRE-ASSESSMENT QUESTIONNAIRE FOR BEEF AND DAIRY OPERATIONS CONTENT DEVELOPMENT AND WEB BASED APPLICATION FOR BOEHRINGER INGELHEIM VETMEDICA INC 8/1/11 to 12/31/11 EXTENSION/PUBLIC | |
| | CO-PI | BICKETT-WEDDLE, DANELLE ROTH, JAMES | CENTER FOR FOOD SECURITY & PUBLIC HEALTH-VET VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET |
| | \$134,324 | CARNEGIE INSTITUTION FOR SCIENCE | 404-40-12 |
| 85306 | | FUNCTIONAL GENOMICS OF MAIZE GAMETOPHYTES 9/15/07 to 8/31/12 RESEARCH VOLLBRECHT, ERIK | |
| | | | GENETICS, DEVELOPMENT & CELL BIOLOGY |
| | \$133,945 | UNIVERSITY OF GEORGIA RESEARCH FOUNDATION | 404-17-12 |
| 116265 | | COMMUNITY CONTEXT AND VIOLENCE: AFRICAN AMERICAN YOUTH TRANSITIONING TO ADULTHOOD 9/1/11 to 8/31/12 RESEARCH CUTRONA, CAROLYN | |
| | | | PSYCHOLOGY-LAS |
| | \$130,000 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | 416-40-10 |
| 112119 | | RNA STRUCTURE MEDIATED REGULATION OF CAP INDEPENDENT TRANSLATION BY PLANT VIRUSES 9/1/11 to 8/31/13 FELLOWSHIP MILLER, WYATT | |
| | CO-PI | KRAFT, JELENA | PLANT PATHOLOGY-AES/CALS PLANT PATHOLOGY-AES/CALS |
| | \$128,698 | DOT-FEDERAL HIGHWAY ADMINISTRATION (FHWA) | 436-17-14 |
| 115627 | | TECHNOLOGY DEMONSTRATIONS PROJECTS-ADDITIONAL WORK SCOPE: ENVIRONMENTAL IMPACT BENEFITS WITH 'TX ACTIVE' CONCRETE PAVEMENT IN MISSOURI DOT TWO-LIFT HIGHWAY CONSTRUCTION 9/23/11 to 7/25/12 RESEARCH CACKLER, ELLS | |
| | CO-PI | NAMBISAN, SHASHI | INSTITUTE FOR TRANSPORTATION-VPR/ED INSTITUTE FOR TRANSPORTATION-VPR/ED |
| | CO-PI | ALLEMAN, JAMES | CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR |
| | CO-PI | ONG, SAY | CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR |

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

| | | | | | |
|---------------|---|------------------|--|--|-----------|
| \$127,952 | UNIVERSITY OF MICHIGAN | | | | 404-40-31 |
| 93924 | IMPROVED REPRESENTATION OF DIURNAL PRECIPITATION PATTERNS IN THE NASA GEOS-5 GENERAL CIRCULATION MODEL | | | | |
| | 5/5/09 to 5/4/12 | RESEARCH | | | |
| | ARRITT, RAYMOND | | AGRONOMY-CALS | | |
| \$120,000 | STATE OF IOWA | | | | 478-30-30 |
| 116083 | MIDWEST GRAPE AND WINE INDUSTRY INSTITUTE | | | | |
| | 7/1/11 to 6/30/13 | EXTENSION/PUBLIC | | | |
| | DHARMADHIKARI, MURLIDHAR | | FOOD SCIENCE & HUMAN NUTRITION-AES/CALS | | |
| CO-PI | LAWRENCE, JOHN | | EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT | | |
| \$118,379 | TEXAS TECH UNIVERSITY | | | | 404-21-24 |
| 87420 | SIMULATION OF ELECTRONIC NON-ADIABATIC DYNAMICS FOR REACTIONS WITH ORGANIC MACROMOLECULES, LIQUIDS AND SURFACES | | | | |
| | 9/15/07 to 8/31/12 | RESEARCH | | | |
| | WINDUS, THERESA | | CHEMISTRY | | |
| \$118,000 | IOWA SOYBEAN ASSOCIATION | | | | 450-42-16 |
| 115290 | PHASE III-DISCOVERY AND INTROGRESSION OF NOVEL GENES FOR RESISTANCE TO SCN GERMPLASM OF EARLY MATURITY GROUPS | | | | |
| | 10/1/11 to 9/30/12 | RESEARCH | | | |
| | CIANZIO, SILVIA | | AGRONOMY-AES/CALS | | |
| \$117,217 | IOWA SOYBEAN ASSOCIATION | | | | 450-42-22 |
| 115998 | HIGH-THROUGHPUT SEQUENCING OF FUSARIUM VIRGULIFORME AND SOYBEAN GENES: A STUDY OF PATHOGENICITY, DEFENSE AND ENVIRONMENTAL FACTORS IN SOYBEAN SUDDEN DEATH SYNDROME | | | | |
| | 10/1/11 to 9/30/12 | RESEARCH | | | |
| | LEANDRO, LEONOR | | PLANT PATHOLOGY-AES/CALS | | |
| \$112,615 | NATIONAL PORK BOARD | | | | 453-40-20 |
| 113480 | GENOME-WIDE ASSOCIATION STUDY FOR SOW FEED EFFICIENCY AND REPRODUCTION AND GENOMIC SELECTION USING LOW DENSITY PANELS | | | | |
| | 9/1/11 to 8/31/12 | RESEARCH | | | |
| | DEKKERS, JACK | | ANIMAL SCIENCE-AES/CALS | | |
| CO-PI | ROTHSCHILD, MAX | | ANIMAL SCIENCE-AES/CALS | | |

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

| | | |
|---------------|--|-----------|
| \$109,991 | IOWA DEPARTMENT OF TRANSPORTATION | 474-17-42 |
| 113380 | IMPROVING THE ACCURACY AND USABILITY OF IOWA FALLING WEIGHT DEFLECTOMETER DATA | |
| | 8/31/11 to 8/31/12 RESEARCH | |
| | CEYLAN, HALIL CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR | |
| CO-PI | NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED | |
| CO-PI | GOPALAKRISHNAN, KASTHURIRA CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR | |
| \$108,204 | UNIVERSITY OF NORTHERN IOWA | 475-28-05 |
| 116275 | IMSEP SUPPORT OF MATHEMATICS AND SCIENCE TEACHER RECRUITMENT ACTIVITIES | |
| | 6/1/11 to 5/31/12 MISCELLANEOUS | |
| | LAANAN, FRANKIE CURRICULUM & INSTRUCTION-HS | |
| \$104,425 | IOWA DEPARTMENT OF HUMAN SERVICES | 470-28-44 |
| 116276 | SERVICE TRAINING FOSU-012-001, SECOND AMENDMENT | |
| | 8/1/11 to 6/30/12 EXTENSION/PUBLIC | |
| | HONG, GONG-SOOG HUMAN DEVELOPMENT & FAMILY STUDIES-HS | |
| CO-PI | MELBY, JANET HUMAN DEVELOPMENT & FAMILY STUDIES-HS | |
| \$103,297 | MONSANTO COMPANY | 400-21-16 |
| 116163 | IMPROVEMENTS TO THE PCAP GENOME ASSEMBLY PROGRAM | |
| | 8/1/10 to 7/31/12 RESEARCH | |
| | HUANG, XIAOQIU COMPUTER SCIENCE-LAS | |
| \$100,000 | UNIVERSITY OF IOWA | 475-20-27 |
| 106672 | ADVANCED CARBON FIBERS FROM LIGNIN FOR WIND TURBINE APPLICATIONS | |
| | 7/1/10 to 7/1/12 RESEARCH | |
| | KESSLER, MICHAEL MATERIALS SCIENCE & ENGINEERING-ENGR | |
| CO-PI | GREWELL, DAVID AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS | |
| \$100,000 | HHS-FOOD & DRUG ADMINISTRATION (FDA) | 430-23-31 |
| 114237 | FENBENDAZOLE IN PHEASANTS-HUMAN FOOD SAFETY (TISSUE RESIDUE) STUDY | |
| | 9/15/11 to 9/14/12 RESEARCH | |
| | GRIFFITH, RONALD VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET | |

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

| | | |
|---------------|--|-----------|
| \$100,000 | NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION | 422-20-01 |
| 114946 | ADVANCED MISSION CONCEPT OF BLENDING A HYPERVELOCITY KINETIC-ENERGY IMPACTOR WITH NUCLEAR SUBSURFACE EXPLOSION FOR OPTIMAL FRAGMENTATION AND DISPERSION OF NEAR-EARTH OBJECTS 9/15/11 to 9/14/12 RESEARCH WIE, BONG AEROSPACE ENGINEERING-ENGR | |
| \$100,000 | UNIVERSITY OF NORTHERN IOWA | 475-28-12 |
| 116278 | IMSEP FACULTY LINE SUPPORT IN MATHEMATICS/SCIENCE EDUCATION 6/1/11 to 5/31/12 MISCELLANEOUS LAANAN, FRANKIE CURRICULUM & INSTRUCTION-HS | |
| \$98,470 | NATIONAL CORN GROWERS ASSOCIATION | 459-40-05 |
| 115751 | DEVELOPMENT OF FUNCTIONAL GENOMICS SOFTWARE TOOLS (FGSTS) FOR MAIZEGDB 10/1/11 to 9/30/12 RESEARCH VOLLBRECHT, ERIK GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS CO-PI LAWRENCE, CAROLYN GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS | |
| \$94,877 | IOWA SOYBEAN ASSOCIATION | 450-30-34 |
| 116069 | 21ST CENTURY MANAGEMENT OF WHITE MOLD 10/1/11 to 9/30/12 RESEARCH ROBERTSON, ALISON PLANT PATHOLOGY-AES/CALS CO-PI YANG, XIAO PLANT PATHOLOGY-AES/CALS CO-PI MUELLER, DAREN PLANT PATHOLOGY-AES/CALS | |
| \$94,257 | IOWA SOYBEAN ASSOCIATION | 450-42-19 |
| 116054 | CHARACTERISTICS OF FUSARIUM OXYSPORUM FUNGI ATTACKING SOYBEAN ROOTS 10/1/11 to 9/30/12 RESEARCH MUNKVOLD, GARY PLANT PATHOLOGY-AES/CALS CO-PI LEANDRO, LEONOR PLANT PATHOLOGY-AES/CALS | |
| \$93,000 | UNIVERSITY OF NORTHERN IOWA | 475-20-11 |
| 114667 | SPACE TECHNOLOGY FOR ROBOTIC AND HUMAN EXPLORATION OF NEAR-EARTH OBJECTS (NEOS) 5/17/11 to 5/16/12 RESEARCH WIE, BONG AEROSPACE ENGINEERING-ENGR | |

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

| | | |
|---------------|--|-----------|
| \$88,330 | NSF-NATIONAL SCIENCE FOUNDATION | 420-21-19 |
| 106087 | SHF: SMALL: COLLABORATIVE RESEARCH: BALANCING EXPRESSIVENESS AND MODULAR REASONING FOR ASPECT-ORIENTED PROGRAMMING 8/15/10 to 7/31/13 RESEARCH RAJAN, HRIDESH COMPUTER SCIENCE-LAS | |
| \$87,886 | BROOKHAVEN NATIONAL LABORATORY | 404-21-11 |
| 116091 | US ATLAS FELLOWSHIP APPOINTMENT 9/2/11 to 9/30/12 RESEARCH CHEN, CHUNHUI PHYSICS & ASTRONOMY-LAS | |
| \$81,000 | NSF-NATIONAL SCIENCE FOUNDATION | 420-20-74 |
| 108298 | COLLABORATIVE RESEARCH: DEVELOPMENT OF A NEW POWER ELECTRONICS CURRICULUM RELEVANT TO TOMORROW'S POWER ENGINEERING CHALLENGES 10/1/11 to 9/30/12 RESEARCH ALIPRANTIS, DIONYSIOS ELECTRICAL & COMPUTER ENGINEERING-ENGR | |
| \$80,000 | UNIVERSITY OF NORTHERN IOWA | 475-20-10 |
| 106248 | NEAR NET SHAPE MANUFACTURING FOR CURRENT AND FUTURE GENERATION MUNITIONS AND ARMAMENT SYSTEMS 7/13/11 to 4/30/12 RESEARCH NAPOLITANO, RALPH MATERIALS SCIENCE & ENGINEERING-ENGR | |
| \$79,790 | DOT-FEDERAL AVIATION ADMINISTRATION (FAA) | 437-65-13 |
| 116385 | FAA AVIATION SAFETY INSPECTION (ASI) NONDESTRUCTIVE INSPECTION (NDI) COURSE UPDATE 10/1/11 to 9/30/12 INSTRUCTION/TRAINING BRASCHE, LISA CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED CO-PI EISENMANN, DAVID CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED | |
| \$75,000 | DONALD DANFORTH PLANT SCIENCE CENTER | 444-25-06 |
| 115625 | DEVELOPMENT OF ALGAL/ADVANCED BIOFUELS CONSORTIA 4/1/11 to 4/30/12 RESEARCH TREWYN, BRIAN CHEMISTRY-LAS | |

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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| | \$74,278 | IOWA SOYBEAN ASSOCIATION | | 450-42-20 |
| 116051 | | SOYBEAN PRODUCTION RESEARCH-BREAKING THE YIELD BARRIER | | |
| | | 10/1/11 to 9/30/12 | RESEARCH | |
| | | MUNKVOLD, GARY | PLANT PATHOLOGY-AES/CALS | |
| | \$66,432 | NATIONAL PORK BOARD | | 453-23-17 |
| 113555 | | COMPARISON OF PCR AND SEROLOGICAL ASSAYS FOR RELIABLE, EARLY AND FAST DETECTION OF PRRSV IN BOAR STUDS | | |
| | | 9/15/11 to 9/14/12 | RESEARCH | |
| | | OPRIESSNIG, TANJA | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| | | CO-PI HALBUR, PATRICK | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| | | CO-PI JOHNSON, JOHN | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| | \$65,818 | DOI-U.S. GEOLOGICAL SURVEY (USGS) | | 424-40-11 |
| 114516 | | COMPARISON OF AMPHIBIAN HABITAT SUITABILITY IN USDA CREP WETLANDS & NATURAL WETLANDS IN DES MOINES LOBE | | |
| | | 9/22/11 to 12/31/13 | RESEARCH | |
| | | PIERCE, CLAY | NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS | |
| | \$65,000 | USDA-AGRICULTURAL RESEARCH SERVICES (ARS) | | 419-40-01 |
| 115754 | | IDENTIFICATION OF SOYBEAN GENES THAT CONTRIBUTE TO RESISTANCE AGAINST SOYBEAN RUST | | |
| | | 9/12/11 to 9/11/12 | RESEARCH | |
| | | WHITHAM, STEVEN | PLANT PATHOLOGY-AES/CALS | |
| | \$64,507 | NATIONAL PORK BOARD | | 453-40-45 |
| 115198 | | DEVELOPMENT OF STRATEGIES TO IMPROVE SOW PRODUCTIVE LIFETIME | | |
| | | 10/1/11 to 9/30/12 | RESEARCH | |
| | | ROSS, JASON | ANIMAL SCIENCE-AES/CALS | |
| | | CO-PI KEATING, AILEEN | ANIMAL SCIENCE-AES/CALS | |
| | \$64,000 | UNIVERSITY OF NEW MEXICO | | 404-20-51 |
| 87240 | | PIRE: MOLECULAR ENGINEERING FOR CONVERSION OF BIOMASS-DERIVED REACTANTS TO FUELS, CHEMICALS AND MATERIALS | | |
| | | 9/1/07 to 8/31/12 | RESEARCH | |
| | | SHANKS, BRENT | CHEMICAL & BIOLOGICAL ENGINEERING | |

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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|---------------|--|-----------|
| \$63,456 | NATIONAL PORK BOARD | 453-40-21 |
| 115233 | DEVELOPMENT OF A PRACTICAL NET ENERGY SYSTEM (PRODUCTIVE ENERGY) THAT ALLOWS FOR THE CAPTURE OF INGREDIENT COST SAVINGS EXPECTED FROM NE SYSTEMS BUT FOCUSES EQUALLY ON MAINTAINING PIG PERFORMANCE 10/1/11 to 1/31/13 RESEARCH PATIENCE, JOHN ANIMAL SCIENCE-AES/CALS | |
| \$63,000 | BAYER CROP SCIENCE | 400-30-27 |
| 115272 | CONTROL OF HERBICIDE RESISTANT AND ECONOMICALLY IMPORTANT WEEDS 5/30/11 to 12/31/11 RESEARCH OWEN, MICHEAL AGRONOMY-AES/CALS | |
| \$62,281 | CORNELL UNIVERSITY | 404-21-63 |
| 92401 | GEPR: ANALYSES OF SHOOT MERISTEM FUNCTION IN MAIZE 9/1/09 to 8/31/12 RESEARCH NETTLETON, DANIEL STATISTICS-LAS | |
| \$61,188 | UNIVERSITY OF CALIFORNIA DAVIS | 410-30-26 |
| 114433 | A PROJECT FOR STRENGTHENING EXTENSION SKILLS OF YOUNG PROFESSIONALS IN AFGHANISTAN AND PAKISTAN 3/1/11 to 2/28/12 EXTENSION/PUBLIC HOLZ-CLAUSE, MARY EXTENSION ADMINISTRATION-EXT CO-PI LAWRENCE, JOHN EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT CO-PI GUNTUKU, DILEEPKUMAR EXTENSION ADMINISTRATION-EXT | |
| \$59,955 | HHS-FOOD & DRUG ADMINISTRATION (FDA) | 430-23-43 |
| 115966 | EVALUATION OF SALMONELLA IN SYMPTOMATIC AND ASYMPTOMATIC PETS: STUDY FOR THE VET-LRN PROGRAM 9/16/11 to 9/15/12 RESEARCH FRANA, TIMOTHY VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET CO-PI ENSLEY, STEVE VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET CO-PI JERGENS, ALBERT VETERINARY CLINICAL SCIENCES-VET | |
| \$59,738 | NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION | 422-21-11 |
| 115262 | CORRELATED ANALYSIS OF GAMMA-RAY EMISSION NEAR G78.2+2.1 8/14/11 to 8/13/13 RESEARCH WEINSTEIN, AMANDA PHYSICS & ASTRONOMY-LAS | |

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| | \$59,218 | NATIONAL PORK BOARD | | 453-40-17 |
| 113536 | | EFFECTS OF EXPOSURE TO ORGANIC DUST ON MACROPHAGE FUNCTION: IMPLICATION FOR SWINE RESPIRATORY HEALTH | | |
| | | 9/15/11 to 9/14/12 | RESEARCH | |
| | | TUGGLE, CHRIS | ANIMAL SCIENCE-AES/CALS | |
| | CO-PI | BUTTERS-JOHNSON, ANNA | ANIMAL SCIENCE-AES/CALS | |
| | CO-PI | MCKEAN, JAMES | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| | CO-PI | RAMER-TAIT, AMANDA | VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET | |
| | CO-PI | WANNEMUEHLER, MICHAEL | VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET | |
| | \$54,810 | NATIONAL PORK BOARD | | 453-23-24 |
| 115257 | | EFFECT OF LAIRAGE ON PREVALENCE OF METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS (MRSA) IN MARKET SWINE | | |
| | | 10/1/11 to 9/30/12 | RESEARCH | |
| | | MCKEAN, JAMES | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| | CO-PI | DICKSON, JAMES | ANIMAL SCIENCE-AES/CALS | |
| | CO-PI | HURD, HOWARD | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| | CO-PI | LOGUE, CATHERINE | VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET | |
| | CO-PI | FRANA, TIMOTHY | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| | CO-PI | OCONNOR, ANNETTE | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| | \$53,501 | DOD-ARMY CORPS OF ENGINEERS (USACE) | | 421-20-44 |
| 114693 | | WATER QUALITY MONITORING AT SAYLORVILLE LAKE (OPTION YEAR 2) | | |
| | | 10/1/11 to 2/29/12 | RESEARCH | |
| | | LUTZ, DONNA | CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR | |
| | CO-PI | ONG, SAY | CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR | |
| | \$50,613 | NSF-NATIONAL SCIENCE FOUNDATION | | 420-60-32 |
| 104785 | | NETS: MEDIUM: COLLABORATIVE RESEARCH: MODELING, DESIGN AND EMULATION OF P2P REAL-TIME STREAMING NETWORKS | | |
| | | 6/1/10 to 5/31/13 | RESEARCH | |
| | | YING, LEI | ELECTRICAL & COMPUTER ENGINEERING-ENGR | |
| | \$50,431 | IOWA SOYBEAN ASSOCIATION | | 450-42-17 |
| 115081 | | EFFECT OF BIOCHAR AMENDMENTS ON SOYBEAN ROOT DISEASE POTENTIAL CAUSED BY FUSARIUM VIRGULIFORME AND PHYTOPHTHORA SOJAE | | |
| | | 10/1/11 to 9/30/12 | RESEARCH | |
| | | LAIRD, DAVID | AGRONOMY-AES/CALS | |

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|---------------|----------|---|--|-----------|
| | \$50,431 | IOWA SOYBEAN ASSOCIATION | | 450-42-17 |
| 115081 | | EFFECT OF BIOCHAR AMENDMENTS ON SOYBEAN ROOT DISEASE POTENTIAL CAUSED BY FUSARIUM VIRGULIFORME AND PHYTOPHTHORA SOJAE | | |
| | | 10/1/11 to 9/30/12 | RESEARCH | |
| | CO-PI | ROGOVSKA, NATALIA | AGRONOMY-AES/CALS | |
| | CO-PI | ROBERTSON, ALISON | PLANT PATHOLOGY-AES/CALS | |
| | CO-PI | LEANDRO, LEONOR | PLANT PATHOLOGY-AES/CALS | |
| | \$50,089 | NATIONAL PORK BOARD | | 453-40-22 |
| 115221 | | DETERMINING THE BIOLOGICAL AND METABOLIC DIFFERENCES BETWEEN SLOW AND FAST GROWING PIGS RAISED IN COMMERCIAL CONDITIONS | | |
| | | 10/1/11 to 9/30/12 | RESEARCH | |
| | | PATIENCE, JOHN | ANIMAL SCIENCE-AES/CALS | |
| | CO-PI | TUGGLE, CHRIS | ANIMAL SCIENCE-AES/CALS | |
| | CO-PI | GABLER, NICHOLAS | ANIMAL SCIENCE-AES/CALS | |
| | CO-PI | MAIN, RODGER | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| | CO-PI | MADSON, DARIN | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| | \$50,000 | NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION | | 422-25-03 |
| 87431 | | DEVELOPMENT AND DEMONSTRATION OF COMPUTATIONAL NDE TECHNIQUES | | |
| | | 6/1/07 to 5/31/12 | RESEARCH | |
| | | BRASCHE, LISA | CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED | |
| | CO-PI | GRAY, TIMOTHY | CENTER FOR NONDESTRUCTIVE EVALUATION | |
| | CO-PI | NAKAGAWA, NORIO | CENTER FOR NONDESTRUCTIVE EVALUATION | |
| | \$50,000 | IOWA DEPARTMENT OF TRANSPORTATION | | 474-17-41 |
| 111514 | | IOWA MASS CONCRETE FOR BRIDGE FOUNDATIONS STUDY | | |
| | | 8/19/10 to 8/31/12 | RESEARCH | |
| | | JAHREN, CHARLES | CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR | |
| | CO-PI | WANG, KEJIN | CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR | |
| | CO-PI | NAMBISAN, SHASHI | INSTITUTE FOR TRANSPORTATION-VPR/ED | |
| | \$50,000 | UNIVERSITY OF NORTHERN IOWA | | 475-20-12 |
| 116270 | | ISGC PROJECT AT THE ASTEROID DEFLECTION RESEARCH CENTER | | |
| | | 5/17/11 to 5/16/12 | RESEARCH | |
| | | WIE, BONG | AEROSPACE ENGINEERING-ENGR | |

II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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|---------------|----------|--|---|-----------|
| | \$49,852 | NSF-NATIONAL SCIENCE FOUNDATION | | 420-17-07 |
| 114485 | | BIOLOGICAL UTILIZATION OF THERMOLYTIC SUBSTRATES BY BACTERIA AND MICROALGAE: ADDRESSING TOXICITY OF SUBSTRATE CONTAMINANTS | | |
| | | 1/1/12 to 12/31/12 | RESEARCH | |
| | | JARBOE, LAURA | CHEMICAL & BIOLOGICAL ENGINEERING-ENGR | |
| | CO-PI | WEN, ZHIYOU | FOOD SCIENCE & HUMAN NUTRITION-AES/CALS | |
| | CO-PI | BROWN, ROBERT | MECHANICAL ENGINEERING-ENGR | |
| | \$49,477 | NATIONAL PORK BOARD | | 453-23-30 |
| 115206 | | PREWEANING SURVEILLANCE: FINGER ON THE PULSE OF PRRSV EPIDEMIOLOGY, TRANSMISSION AND SPREAD | | |
| | | 10/1/11 to 9/30/12 | RESEARCH | |
| | | ZIMMERMAN, JEFFREY | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| | CO-PI | IRWIN, CHRISTA | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| | CO-PI | YOON, KYOUNG-JIN | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| | \$49,462 | IOWA DEPARTMENT OF JUSTICE-OFFICE OF THE ATTORNEY GENERAL | | 478-40-07 |
| 114345 | | THE IDENTIFICATION OF CONFORMATIONAL PHENOTYPES COMMON AMONG HIGHLY EFFICIENT AND PRODUCTIVE SOWS | | |
| | | 7/17/11 to 7/16/12 | RESEARCH | |
| | | STALDER, KENNETH | ANIMAL SCIENCE-AES/CALS | |
| | CO-PI | MABRY, JOHN | ANIMAL SCIENCE-AES/CALS | |
| | \$48,761 | ARIZONA STATE UNIVERSITY | | 404-28-16 |
| 91367 | | A WIRELESS, MULTIMODE, ARTIFICIAL NEURAL NETWORK-BASED PHYSICAL ACTIVITY MONITOR | | |
| | | 9/19/08 to 6/30/12 | RESEARCH | |
| | | WELK, GREGORY | KINESIOLOGY-HS | |
| | \$46,255 | MOLECULAR EXPRESS INC | | 404-25-68 |
| 116053 | | APTAMERS FOR IMAGING AND THERAPY | | |
| | | 12/24/06 to 6/30/12 | RESEARCH | |
| | | KRAUS, GEORGE | CHEMISTRY-LAS | |
| | CO-PI | MUMM, LYNNE | INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VPF | |

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

| | | |
|---------------|---|-----------|
| \$45,000 | NSF-NATIONAL SCIENCE FOUNDATION | 420-60-02 |
| 105076 | COLLABORATIVE RESEARCH: PSERC COLLABORATIVE PROPOSAL FOR A PHASE III INDUSTRY UNIVERSITY COOPERATIVE RESEARCH CENTER PROGRAM 3/1/10 to 2/28/15 RESEARCH MCCALLEY, JAMES ELECTRICAL & COMPUTER ENGINEERING-ENGR | |
| \$44,860 | JET PROPULSION LABORATORY (JPL) | 404-21-14 |
| 116155 | SEARCH FOR PLANETARY MASS COMPANIONS OF NEARBY YOUNG STARS, SPTIZER GO8 PID 80071 7/27/11 to 9/30/14 RESEARCH MARENGO, MASSIMO PHYSICS & ASTRONOMY-LAS | |
| \$43,900 | IOWA DEPARTMENT OF HUMAN SERVICES | 478-20-10 |
| 104199 | ADAPTIVE EQUIPMENT CENTER 7/1/10 to 6/30/11 RESEARCH STONE, RICHARD INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR | |
| \$42,115 | IOWA DEPARTMENT OF PUBLIC HEALTH | 478-30-60 |
| 114833 | DES MOINES COUNTY BASICS 10/1/11 to 9/30/12 EXTENSION/PUBLIC WARNING, JEANNE EXTENSION TO FAMILIES-EXT CO-PI SMITH, JANET EXTENSION TO FAMILIES-EXT | |
| \$40,000 | MORRIS ANIMAL FOUNDATION | 400-23-07 |
| 99575 | DETERMINATION OF THE IMPACT OF VECTOR CONTROL ON TRANSMISSION AND IMMUNOPATHOLOGY OF CANINE VISCERAL LEISHMANIASIS 8/1/11 to 7/31/13 FELLOWSHIP FALES, AMANDA VETERINARY PATHOLOGY-VET CO-PI PETERSEN, CHRISTINE VETERINARY PATHOLOGY-VET CO-PI NOLAN, LISA VETERINARY ADMINISTRATION-VET | |
| \$40,000 | UNIVERSITY OF NORTHERN IOWA | 475-40-06 |
| 116319 | DEVELOPING A NOVEL ALGAL CULTURE SYSTEM AS LIFE SUPPORT SYSTEM UNDER MICROGRAVITY CONDITIONS-YR2 5/17/11 to 5/16/12 RESEARCH WEN, ZHIYOU FOOD SCIENCE & HUMAN NUTRITION-AES/CALS | |

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

| | | | | |
|---------------|---|----------------------|--|-----------|
| \$38,682 | DOD-ARMY CORPS OF ENGINEERS (USACE) | | | 421-20-43 |
| 114687 | WATER QUALITY MONITORING AT LAKE RED ROCK (OPTION YEAR 2) | | | |
| | 10/6/11 to 2/29/12 | RESEARCH | | |
| | LUTZ, DONNA | | CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR | |
| CO-PI | ONG, SAY | | CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR | |
| \$38,594 | ARIZONA STATE UNIVERSITY | | | 404-20-76 |
| 116049 | NETL-PSERC ADMINISTRATIVE FUNDS | | | |
| | 4/1/11 to 3/31/12 | RESEARCH | | |
| | MCCALLEY, JAMES | | ELECTRICAL & COMPUTER ENGINEERING-ENGR | |
| \$38,000 | VA-U.S. DEPARTMENT OF VETERANS AFFAIRS | | | 428-23-03 |
| 116170 | JAMES BLOEDEL IPA FOR DEPARTMENT OF VETERANS AFFAIRS | | | |
| | 8/1/11 to 4/30/12 | RESEARCH | | |
| | BLOEDEL, JAMES | | BIOMEDICAL SCIENCES-VET | |
| \$36,062 | COLLEGE OF CHARLESTON | | | 404-21-39 |
| 105707 | GROUND-BASED AND SPACE-BASED DIRECT IMAGING SURVEYS FOR EXTRASOLAR PLANETS | | | |
| | 9/1/10 to 8/31/12 | RESEARCH | | |
| | MARENGO, MASSIMO | | PHYSICS & ASTRONOMY-LAS | |
| \$35,849 | EPA-U.S. ENVIRONMENTAL PROTECTION AGENCY | | | 429-46-01 |
| 116172 | TARGETING AN OCTOPAMINE RECEPTOR FROM THE SOUTHERN CATTLE TICK (RHIPICEPHALUS MICROPLUS) AS A MECHANISM OF ACTION FOR BIOPESTICIDES | | | |
| | 9/1/11 to 8/31/12 | FELLOWSHIP | | |
| | COATS, JOEL | | ENTOMOLOGY-AES/CALS | |
| \$35,391 | USDA-FOREIGN AGRICULTURAL SERVICE (FAS) | | | 412-45-30 |
| 116313 | BORLAUG FELLOWSHIP PROGRAM FOR KOSOVO | | | |
| | 8/10/11 to 9/30/13 | INSTRUCTION/TRAINING | | |
| | UHLENHOPP, ELDON | | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| CO-PI | BJELLAND, DENISE | | GLOBAL AGRICULTURE PROGRAMS-AES/CALS | |

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

| | | | |
|---------------|--|--|-----------|
| \$35,148 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | | 411-40-00 |
| 114083 | 2011 ANIMAL HEALTH RESEARCH | | |
| | 10/1/10 to 9/30/11 | RESEARCH | |
| | WINTERSTEEN, WENDY | AGRICULTURE & HOME ECONOMICS EXPERIMENT STATION-AES/CALS | |
| \$35,000 | KIRKWOOD COMMUNITY COLLEGE | | 404-28-38 |
| 116099 | EVALUATION OF AGROWKNOWLEDGE RESOURCE CENTER | | |
| | 7/1/11 to 6/30/12 | RESEARCH | |
| | ANDERSON, MARY | RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS | |
| CO-PI | KEMIS, MARI | RESEARCH INSTITUTE FOR STUDIES IN EDUCATION-HS | |
| \$34,943 | IOWA DEPARTMENT OF PUBLIC HEALTH | | 478-40-39 |
| 116030 | EPIDEMIOLOGY AND LABORATORY CAPACITY-WEST NILE VIRUS SURVEILLANCE | | |
| | 1/1/11 to 12/31/11 | RESEARCH | |
| | BARTHOLOMAY, LYRIC | ENTOMOLOGY-AES/CALS | |
| \$34,937 | CORPORATION FOR PUBLIC BROADCASTING | | 400-12-05 |
| 114765 | RURAL LISTENER ACCESS INCENTIVE FUND BONUS 2011 | | |
| | 10/1/10 to 9/30/12 | MISCELLANEOUS | |
| | HERRINGTON, MARY GRACE | WOI RADIO-VPBF | |
| \$33,000 | UNIVERSITY OF NEBRASKA LINCOLN | | 410-30-29 |
| 114506 | EVALUATING YOUR ESTATE PLAN | | |
| | 7/1/11 to 6/30/12 | EXTENSION/PUBLIC | |
| | EDWARDS, WILLIAM | ECONOMICS-EXT | |
| CO-PI | LEIBOLD, KELVIN | EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT | |
| CO-PI | EGGERS, TIMOTHY | EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT | |
| \$33,000 | IOWA SOYBEAN ASSOCIATION | | 450-30-33 |
| 115057 | ASSESSMENT OF GLYPHOSATE AND OTHER HERBICIDE-RESISTANT WEEDS IN IOWA: A DIRECTED EDUCATIONAL OPPORTUNITY | | |
| | 10/1/11 to 9/30/12 | RESEARCH | |
| | OWEN, MICHEAL | AGRONOMY-AES/CALS | |

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| | | | |
|---------------|---|--|-----------|
| \$29,852 | USDA-FOREIGN AGRICULTURAL SERVICE (FAS) | | 412-45-25 |
| 116144 | BORLAUG FELLOWSHIP PROGRAM KENYA 2011 | | |
| | 8/22/11 to 8/25/13 | INSTRUCTION/TRAINING | |
| | CO-PI BECRAFT, PHILIP | GENETICS, DEVELOPMENT & CELL BIOLOGY-AES/CALS | |
| | CO-PI BJELLAND, DENISE | GLOBAL AGRICULTURE PROGRAMS-AES/CALS | |
| \$29,577 | MICHIGAN STATE UNIVERSITY | | 410-40-48 |
| 116287 | EVALUATION OF THE NEWLY-DEVELOPED, LEAST-COST EXPERIMENTAL DIET FOR BLUEGILL AT COMMERCIAL DENSITIES IN PONDS AT TWO OR MORE FACILITIES IN THE NORTH CENTRAL REGION | | |
| | 9/1/11 to 8/31/12 | RESEARCH | |
| | MORRIS, JOSEPH | NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS | |
| \$28,385 | IOWA SOYBEAN ASSOCIATION | | 450-42-21 |
| 115000 | RESEARCH AND DEVELOPMENT OF A SOYBEAN PEST IDENTIFICATION SOFTWARE APPLICATION | | |
| | 10/1/11 to 9/30/12 | RESEARCH | |
| | MUELLER, DAREN | PLANT PATHOLOGY-EXT | |
| \$28,000 | USDA-AGRICULTURAL RESEARCH SERVICES (ARS) | | 419-40-20 |
| 105496 | HEAT AND MOISTURE PRODUCTION RATES OF MODERN SWINE AND THEIR HOUSING SYSTEMS | | |
| | 2/1/10 to 2/1/12 | RESEARCH | |
| | CO-PI XIN, HONGWEI | AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS | |
| | CO-PI LI, HONG | AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES/CALS | |
| \$27,549 | UNIVERSITY OF MINNESOTA TWIN CITIES | | 400-44-39 |
| 116162 | SOYBEAN APHID: MANAGEMENT, BIOCONTROL AND HOST PLANT RESISTANCE | | |
| | 3/1/11 to 2/29/12 | RESEARCH | |
| | ONEAL, MATTHEW | ENTOMOLOGY-AES/CALS | |
| \$26,876 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | | 418-30-04 |
| 114268 | IOWA RENEWABLE RESOURCES EXTENSION ACT PROGRAM FOR FY 2011 | | |
| | 10/1/10 to 9/30/12 | EXTENSION/PUBLIC | |
| | RANDALL, JESSE | NATURAL RESOURCE ECOLOGY & MANAGEMENT-EXT | |

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

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|---------------|---|----------------------|--|-----------|
| \$25,930 | USDA-AGRICULTURAL RESEARCH SERVICES (ARS) | | | 419-49-71 |
| 112155 | RESEARCH SUPPORT AGREEMENT | | | |
| | 10/1/10 to 9/30/11 | RESEARCH | | |
| | LAMKEY, KENDALL | | AGRONOMY-AES/CALS | |
| \$25,761 | DOI-U.S. GEOLOGICAL SURVEY (USGS) | | | 424-40-01 |
| 104807 | OCCURRENCE AND ABUNDANCE OF TOPEKA SHINERS IN RESTORED OFF-CHANNEL HABITATS IN CENTRAL IOWA STREAMS | | | |
| | 3/9/10 to 9/30/12 | RESEARCH | | |
| | PIERCE, CLAY | | NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS | |
| CO-PI | QUIST, MICHAEL | | NATURAL RESOURCE ECOLOGY & MANAGEMENT-AES/CALS | |
| \$25,162 | BOEING COMPANY | | | 400-65-10 |
| 113201 | TERAHERTZ IMAGING EVALUATION OF BONDED STRUCTURES | | | |
| | 10/1/10 to 11/30/10 | RESEARCH | | |
| | BRASCHE, LISA | | CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED | |
| CO-PI | CHIOU, CHIEN-PING | | CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED | |
| CO-PI | HSU, DAVID KUEI-YU | | CENTER FOR NONDESTRUCTIVE EVALUATION - IPRT-VPR/ED | |
| \$25,000 | FREESCALE SEMICONDUCTOR INC | | | 400-29-01 |
| 116207 | TOUCHSCREEN INTERFACE FOR CONSUMER APPLIANCES | | | |
| | 9/7/11 to 11/30/11 | INSTRUCTION/TRAINING | | |
| | RINGHOLZ, DAVID | | ART & DESIGN-DSN | |
| \$24,378 | NATIONAL PORK BOARD | | | 453-23-11 |
| 115113 | DESIGN AND ANALYSIS OF PRRSV SURVEILLANCE: TEMPORAL AND SPATIAL SAMPLING, MAPPING, MONITORING AND AUTOMATED RAPID DETECTION OF OUTBREAK | | | |
| | 10/1/11 to 9/30/13 | RESEARCH | | |
| | WANG, CHONG | | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| CO-PI | ZIMMERMAN, JEFFREY | | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| CO-PI | KIM, JAE-KWANG | | STATISTICS-LAS | |
| CO-PI | RAMIREZ, ALEJANDRO | | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| CO-PI | HOLTKAMP, DERALD | | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |

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| | | |
|---------------|--|-----------|
| \$24,000 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | 416-40-82 |
| 114686 | FOOD ENVIRONMENT: THE EFFECTS OF CONTEXT ON FOOD CHOICE | |
| | 9/1/11 to 8/31/12 RESEARCH | |
| | JENSEN, HELEN ECONOMICS-AES/CALS | |
| \$23,815 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | 411-23-11 |
| 114046 | ANIMAL HEALTH AND DISEASE RESEARCH | |
| | 10/1/10 to 9/30/11 RESEARCH | |
| | NOLAN, LISA VETERINARY ADMINISTRATION-VET | |
| \$21,730 | IOWA PORK PRODUCERS ASSOCIATION | 453-23-18 |
| 115757 | QUALITY CONTROL ASSESSMENT OF BLENDED SOURCE VITAMIN D SUPPLIED TO FEED MANUFACTURERS FOR USE IN SWINE DIETS | |
| | 10/1/11 to 9/30/12 RESEARCH | |
| | MADSON, DARIN VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| CO-PI | ENSLEY, STEVE VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| CO-PI | GOFF, JESSE BIOMEDICAL SCIENCES-VET | |
| \$20,000 | DOD-AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR) | 421-20-39 |
| 92859 | DESIGN AND DEVELOPMENT OF NOVEL HIERARCHICALLY ORDERED BLOCK COPOLYMER/MAGNETOELECTRIC PARTICLE NANOCOMPOSITES | |
| | 12/1/11 to 5/31/12 RESEARCH | |
| | LIN, ZHIQUN MATERIALS SCIENCE & ENGINEERING-ENGR | |
| CO-PI | AKINC, MUFIT MATERIALS SCIENCE & ENGINEERING-ENGR | |
| CO-PI | TAN, XIAOLI MATERIALS SCIENCE & ENGINEERING-ENGR | |
| CO-PI | BOWLER, NICOLA MATERIALS SCIENCE & ENGINEERING-ENGR | |
| \$20,000 | IOWA DEPARTMENT OF TRANSPORTATION | 474-78-10 |
| 116284 | LABORATORY TEST PLAN FOR POST-TENSIONED RETROFIT DETAIL AND LABORATORY TEST PLAN TO MEASURE TENSILE BOND BETWEEN PRECAST CONCRETE AND UHPC | |
| | 7/5/11 to 7/31/12 RESEARCH | |
| | ROUSE, JON CIVIL, CONSTRUCTION, & ENVIRONMENTAL ENGINEERING-ENGR | |
| CO-PI | PHARES, BRENT INSTITUTE FOR TRANSPORTATION-VPR/ED | |
| CO-PI | NAMBISAN, SHASHI INSTITUTE FOR TRANSPORTATION-VPR/ED | |

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| | | | |
|---------------|--|--|-----------|
| \$20,000 | AMERICAN INSTITUTE OF MATHEMATICS | | 400-21-19 |
| 116292 | CONTRACT BETWEEN AMERICAN INSTITUTE OF MATHEMATICS AND IOWA STATE UNIVERSITY | | |
| | 10/1/07 to 9/30/12 | MISCELLANEOUS | |
| | HOGBEN, LESLIE | MATHEMATICS-LAS | |
| \$19,813 | UNIVERSITY OF NEBRASKA LINCOLN | | 410-39-07 |
| 114487 | QUICKBOOKS FOR DECISION MAKING ON BEEF FARMS | | |
| | 7/1/11 to 6/30/12 | EXTENSION/PUBLIC | |
| | SCHWAB, DENISE | EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT | |
| | CO-PI LOY, DANIEL | ANIMAL SCIENCE-EXT | |
| \$18,000 | IOWA DEPARTMENT OF HUMAN SERVICES | | 470-30-13 |
| 115605 | AFTER HOURS PHONE SERVICES FOR DHS TARGETED CASE MANAGEMENT | | |
| | 7/1/11 to 6/30/12 | EXTENSION/PUBLIC | |
| | VANGINKEL, MARGARET | EXTENSION TO FAMILIES-EXT | |
| \$18,000 | WINNESHIEK COUNTY AGRICULTURAL EXTENSION DISTRICT | | 400-30-26 |
| 115807 | LEADERSHIP FOR THE NORTHEAST IOWA FOOD AND FITNESS INITIATIVE | | |
| | 11/1/10 to 5/31/12 | EXTENSION/PUBLIC | |
| | RANUM, BRENDA | EXTENSION ADMINISTRATION-EXT | |
| \$18,000 | IOWA DEPARTMENT OF HUMAN SERVICES | | 470-30-07 |
| 115904 | TARGETED CASE MANAGEMENT FOR MULTIPLE AGENCIES | | |
| | 7/1/11 to 6/30/12 | EXTENSION/PUBLIC | |
| | VANGINKEL, MARGARET | EXTENSION TO FAMILIES-EXT | |
| \$18,000 | IOWA DEPARTMENT OF NATURAL RESOURCES | | 473-30-02 |
| 116198 | FOREST STEWARDSHIP PROGRAMS 2012 | | |
| | 8/25/11 to 9/30/12 | EXTENSION/PUBLIC | |
| | RANDALL, JESSE | NATURAL RESOURCE ECOLOGY & MANAGEMENT-EXT | |

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|---------------|---|------------------|---|-----------|
| \$17,578 | JET PROPULSION LABORATORY (JPL) | | | 404-21-10 |
| 116158 | CLOSE BINARIES WITH INFRARED EXCESS: DESTROYERS OF WORLDS | | | |
| | 7/25/11 to 12/31/13 | RESEARCH | | |
| | MARENGO, MASSIMO | | PHYSICS & ASTRONOMY-LAS | |
| \$17,000 | USDA-NATURAL RESOURCES CONSERVATION SERVICE (NRCS) | | | 412-30-11 |
| 116245 | RESILIENCE UNDER CLIMATE VARIABILITY: ASSESSING GRAIN PRODUCER NEEDS IN IOWA WATERSHEDS | | | |
| | 9/20/11 to 9/30/12 | RESEARCH | | |
| | ARBUCKLE, J. | | SOCIOLOGY-EXT | |
| \$16,577 | SOFTRONICS LTD | | | 400-65-09 |
| 116289 | STATIC AND DYNAMIC ANALYSIS AND DESIGN OPTIMIZATION OF A COLLAPSIBLE SATELLITE BOOM | | | |
| | 9/6/11 to 2/28/12 | RESEARCH | | |
| | DAYAL, VINAY | | AEROSPACE ENGINEERING-ENGR | |
| CO-PI | MUFF, BRIAN | | INSTITUTE FOR PHYSICAL RESEARCH & TECHNOLOGY COMPANY ASSISTANCE-VPI | |
| \$16,500 | USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS) | | | 412-05-48 |
| 116036 | COMPENDIUM OF VETERINARY VACCINES FOR TRANSBOUNDARY DISEASES | | | |
| | 9/1/11 to 8/31/12 | EXTENSION/PUBLIC | | |
| | ROTH, JAMES | | VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET | |
| \$15,689 | IOWA DEPARTMENT OF TRANSPORTATION | | | 474-17-46 |
| 116012 | FY2012 STUDENT PROGRAMMERS FOR THE IOWA DOT-AMENDMENT | | | |
| | 10/1/11 to 6/30/12 | RESEARCH | | |
| | HANS, ZACHARY | | INSTITUTE FOR TRANSPORTATION-VPR/ED | |
| CO-PI | NAMBISAN, SHASHI | | INSTITUTE FOR TRANSPORTATION-VPR/ED | |
| CO-PI | MORRIS, TIMOTHY | | INSTITUTE FOR TRANSPORTATION-VPR/ED | |
| \$15,132 | UNIVERSITY OF NORTHERN IOWA | | | 475-28-06 |
| 115954 | IOWA STATE UNIVERSITY'S CAMPUS-BASED FOCUS PRIORITIES FY12 | | | |
| | 6/1/11 to 5/31/12 | SCHOLARSHIP | | |
| | LAANAN, FRANKIE | | EDUCATIONAL LEADERSHIP & POLICY STUDIES-HS | |

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|---------------|---|------------------|--|-----------|
| \$15,000 | USDA-AGRICULTURAL RESEARCH SERVICES (ARS) | | | 419-40-06 |
| 116026 | DEVELOPMENT OF PROTOCOLS FOR EFFICIENT SOYBEAN AND LEGUME TRANSFORMATION USING ENGINEERED VIRAL VECTORS | | | |
| | 8/16/10 to 9/30/12 | RESEARCH | | |
| | WHITHAM, STEVEN | | PLANT PATHOLOGY-AES/CALS | |
| \$15,000 | SCIENCE APPLICATIONS INTERNATIONAL CORPORATION | | | 404-17-48 |
| 116142 | PAVEMENT MARKINGS CONCEPT | | | |
| | 5/30/06 to 9/30/11 | RESEARCH | | |
| | SMADI, OMAR | | INSTITUTE FOR TRANSPORTATION-VPR/ED | |
| CO-PI | HAWKINS, NEAL | | INSTITUTE FOR TRANSPORTATION-VPR/ED | |
| CO-PI | NAMBISAN, SHASHI | | INSTITUTE FOR TRANSPORTATION-VPR/ED | |
| \$14,000 | BAYER CROP SCIENCE | | | 400-33-11 |
| 116398 | 2011 FIELD TRIAL EVALUATIONS OF BAYER CROPSCIENCE PRODUCTS | | | |
| | 4/1/11 to 12/31/11 | RESEARCH | | |
| | ROBERTSON, ALISON | | PLANT PATHOLOGY-AES/CALS | |
| \$13,500 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | | | 416-30-13 |
| 111651 | 4-H AND FISH AND WILDLIFE SERVICE GIS MAPPING PROJECT | | | |
| | 9/1/10 to 8/31/12 | EXTENSION/PUBLIC | | |
| | STAKER, JAY | | EXTENSION 4-H YOUTH DEVELOPMENT-EXT | |
| CO-PI | JENSEN, ALAN | | EXTENSION COMMUNITY & ECONOMIC DEVELOPMENT-EXT | |
| \$12,750 | NSF-NATIONAL SCIENCE FOUNDATION | | | 420-20-33 |
| 116113 | ICING PHYSICS STUDIES PERTINENT TO WIND TURBINE ICING AND DE/ANTI-ICING | | | |
| | 8/24/11 to 3/31/14 | RESEARCH | | |
| | HU, HUI | | AEROSPACE ENGINEERING-ENGR | |
| \$10,837 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | | | 417-30-15 |
| 113565 | DEVELOPMENT OF SCOUTING CARDS TO INCREASE RECORDKEEPING FOR CORN AND SOYBEAN PRODUCTION | | | |
| | 9/1/11 to 8/31/12 | EXTENSION/PUBLIC | | |
| | MUELLER, DAREN | | PLANT PATHOLOGY-EXT | |
| CO-PI | SISSON, ADAM | | PLANT PATHOLOGY-EXT | |

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

| | | | | | |
|---------------|--|----------------------|--|--|-----------|
| \$10,638 | BAYER CROP SCIENCE | | | | 400-40-73 |
| 116440 | CONTROL OF SCN WITH SPIROTETRAMET | | | | |
| | 4/25/11 to 12/31/11 | RESEARCH | | | |
| | TYLKA, GREGORY | | PLANT PATHOLOGY-AES/CALS | | |
| \$8,796 | IOWA SOYBEAN ASSOCIATION | | | | 450-42-23 |
| 115173 | INVESTIGATING THE EFFECT OF SOIL PH ON SOYBEAN CYST NEMATODE | | | | |
| | 10/1/11 to 9/30/12 | RESEARCH | | | |
| | TYLKA, GREGORY | | PLANT PATHOLOGY-AES/CALS | | |
| \$8,000 | BIOSTAR SYSTEMS | | | | 400-41-08 |
| 116298 | TURFGRASS FIELD TRIAL-2011 | | | | |
| | 9/7/11 to 12/31/11 | RESEARCH | | | |
| | CHRISTIANS, NICK | | HORTICULTURE-AES/CALS | | |
| \$6,807 | KIRKWOOD COMMUNITY COLLEGE | | | | 404-28-27 |
| 105678 | USING 21ST CENTURY STRATEGIES TO EDUCATE HEARTLAND EARLY CHILDHOOD PARAEDUCATORS | | | | |
| | 8/23/11 to 8/22/12 | RESEARCH | | | |
| | MAUDE, SUSAN | | HUMAN DEVELOPMENT & FAMILY STUDIES-HS | | |
| \$6,757 | POET LLC | | | | 400-40-70 |
| 116154 | DETERMINE THE SURVIVAL OF SALMONELLA DURING THE DRYING PROCESS OF POET NUTRITION FIBER PRODUCT | | | | |
| | 9/2/11 to 12/30/11 | RESEARCH | | | |
| | DICKSON, JAMES | | ANIMAL SCIENCE-AES/CALS | | |
| \$6,145 | USDA-FOREIGN AGRICULTURAL SERVICE (FAS) | | | | 412-05-44 |
| 116138 | SERBIA ANIMAL HEALTH TECHNICAL ASSISTANCE | | | | |
| | 12/20/10 to 12/30/12 | INSTRUCTION/TRAINING | | | |
| | UHLHOPP, ELDON | | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | | |

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

| | | | | |
|---------------|---|----------------------|---|-----------|
| \$5,294 | USDA-FOREIGN AGRICULTURAL SERVICE (FAS) | | | 412-40-34 |
| 116037 | TRAINING FOR VIETNAMESE SWINE SPECIALISTS | | | |
| | 6/10/11 to 6/9/12 | INSTRUCTION/TRAINING | | |
| | MEISINGER, DAVID | | AGRICULTURE ADMINISTRATION-AES/CALS | |
| \$5,200 | IOWA DEPARTMENT OF PUBLIC HEALTH | | | 478-14-04 |
| 115993 | INFLUENZA INCIDENCE SURVEILLANCE PROJECT | | | |
| | 6/1/11 to 5/31/12 | RESEARCH | | |
| | HENDRICKS, MICHELLE | | STUDENT HEALTH CENTER-VPSA | |
| \$5,000 | BAYER CROP SCIENCE | | | 400-41-32 |
| 115505 | TESTING BAYER PRODUCTS AGAINST SOYBEAN WHITE MOLD | | | |
| | 5/1/11 to 5/1/12 | RESEARCH | | |
| | YANG, XIAO | | PLANT PATHOLOGY-AES/CALS | |
| | CO-PI NAVI, SHRISHAIL | | PLANT PATHOLOGY-AES/CALS | |
| \$5,000 | FARM FOUNDATION | | | 400-40-60 |
| 115659 | FOOD ENVIRONMENT: THE EFFECTS OF CONTEXT ON FOOD CHOICE | | | |
| | 8/15/11 to 8/14/12 | RESEARCH | | |
| | JENSEN, HELEN | | ECONOMICS-AES/CALS | |
| \$5,000 | SOLAZYME INC | | | 400-72-04 |
| 115982 | CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP | | | |
| | 4/16/11 to 4/15/12 | RESEARCH | | |
| | SHANKS, BRENT | | NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR | |
| \$5,000 | MICHIGAN BIOTECHNOLOGY INSTITUTE | | | 400-72-04 |
| 116192 | CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP | | | |
| | 8/10/11 to 8/9/12 | RESEARCH | | |
| | SHANKS, BRENT | | NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR | |

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

| | | | | |
|---------------|--|----------------------|--|-----------|
| \$4,882 | IOWA DEPARTMENT OF TRANSPORTATION | | | 474-17-60 |
| 116250 | SAFETY REVIEW AND ANALYSIS OF US 59 INTERSECTION WITH IA 9 IN OSCEOLA COUNTY | | | |
| | 9/26/11 to 12/31/11 | RESEARCH | | |
| | MCDONALD, THOMAS | | INSTITUTE FOR TRANSPORTATION-VPR/ED | |
| | CO-PI NAMBISAN, SHASHI | | INSTITUTE FOR TRANSPORTATION-VPR/ED | |
| \$3,600 | BAYER CROP SCIENCE | | | 400-41-42 |
| 115357 | EVALUATION OF BAYER FUNGICIDES AGAINST SOYBEAN DISEASES | | | |
| | 5/16/11 to 12/31/11 | RESEARCH | | |
| | LEANDRO, LEONOR | | PLANT PATHOLOGY-AES/CALS | |
| \$2,530 | USDA-FOREIGN AGRICULTURAL SERVICE (FAS) | | | 412-45-30 |
| 116313 | BORLAUG FELLOWSHIP PROGRAM FOR KOSOVO | | | |
| | 8/10/11 to 9/30/13 | INSTRUCTION/TRAINING | | |
| | UHLENHOPP, ELDON | | VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET | |
| | CO-PI BJELLAND, DENISE | | GLOBAL AGRICULTURE PROGRAMS-AES/CALS | |
| \$1,992 | IOWA DEPARTMENT OF PUBLIC HEALTH | | | 478-30-04 |
| 116076 | I-SMILE HOTLINE SERVICES FOR FY 2012 | | | |
| | 10/1/11 to 9/30/12 | EXTENSION/PUBLIC | | |
| | VANGINKEL, MARGARET | | EXTENSION TO FAMILIES-EXT | |
| \$1,838 | IOWA DEPARTMENT OF NATURAL RESOURCES | | | 473-21-04 |
| 115286 | PHASE 1 ARCHAEOLOGICAL SURVEY | | | |
| | 7/1/11 to 6/30/12 | EXTENSION/PUBLIC | | |
| | HILL, MATTHEW | | ANTHROPOLOGY-LAS | |
| \$1,020 | USDA-AGRICULTURAL RESEARCH SERVICES (ARS) | | | 419-49-55 |
| 112018 | RESEARCH SUPPORT AGREEMENT | | | |
| | 10/1/10 to 9/30/11 | RESEARCH | | |
| | LAMKEY, KENDALL | | AGRONOMY-AES/CALS | |

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II. GIFTS, GRANTS, CONTRACTS AND MEMORANDA OF AGREEMENT

\$1,000 GLUCAN BIORENEWABLES INC

400-72-04

115938 CENTER FOR BIORENEWABLE CHEMICALS (CBIRC) MEMBERSHIP

4/18/11 to 4/17/12 RESEARCH

SHANKS, BRENT

NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS-ENGR

\$800 USDA-AGRICULTURAL RESEARCH SERVICES (ARS)

419-49-50

112013 RESEARCH SUPPORT AGREEMENT

10/1/10 to 9/30/11 RESEARCH

LAMKEY, KENDALL

AGRONOMY-AES/CALS