

**II. Gifts, Grants, Contracts, and Memoranda of Agreement**

Calendar Year: 2015  
Month: Jun

Award Count: 144  
Award Total: \$149,884,351

| Award Amount | Sponsor   | Award Title  | PI                       | Lead Org Unit                      | Lead Org Dept         | Award Number | Activity Type              | Start Date | End Date   | Award Register Date | Account |
|--------------|---|--|--------------------------|------------------------------------|-----------------------|--------------|----------------------------|------------|------------|---------------------|---------|
| \$34,084,807 | VARIOUS ISUF DONORS-INDIVIDUAL                          | IOWA STATE UNIVERSITY FOUNDATION DONATIONS                   | LEATH, STEVEN            | PRESIDENT                          | PRESIDENT             | 013955-00001 | Operations & Maintenance   | 6/1/2014   | 5/31/2015  | JUNE 2015           |         |
| \$26,036,680 | VARIOUS ISUF DONORS-INDIVIDUAL                          | IOWA STATE UNIVERSITY FOUNDATION DONATIONS                   | LEATH, STEVEN            | PRESIDENT                          | PRESIDENT             | 013954-00001 | Institutional Support      | 6/1/2014   | 5/31/2015  | JUNE 2015           |         |
| \$15,885,329 | VARIOUS ISUF DONORS-INDIVIDUAL                          | IOWA STATE UNIVERSITY FOUNDATION DONATIONS                   | LEATH, STEVEN            | PRESIDENT                          | PRESIDENT             | 013958-00001 | Scholarships & Fellowships | 6/1/2014   | 5/31/2015  | JUNE 2015           |         |
| \$13,146,869 | VARIOUS ISUF DONORS-INDIVIDUAL                          | IOWA STATE UNIVERSITY FOUNDATION DONATIONS                   | LEATH, STEVEN            | PRESIDENT                          | PRESIDENT             | 013953-00001 | Academic Support           | 6/1/2014   | 5/31/2015  | JUNE 2015           |         |
| \$6,939,524  | VARIOUS ISUF DONORS-INDUSTRY/CORPORATE                  | IOWA STATE UNIVERSITY FOUNDATION DONATIONS                   | LEATH, STEVEN            | PRESIDENT                          | PRESIDENT             | 013960-00001 | Institutional Support      | 6/1/2014   | 5/31/2015  | JUNE 2015           |         |
| \$4,366,504  | VARIOUS FOR-PROFIT INDUSTRY/CORPORATE                   | SPRING 2015 SCHOLARSHIP SUPPORT                              | JOHNSON, ROBERTA L       | VICE PRESIDENT FOR STUDENT AFFAIRS | STUDENT FINANCIAL AID | 013978-00001 | Scholarships & Fellowships | 1/12/2015  | 5/8/2015   | JUNE 2015           |         |
| \$4,082,798  | VARIOUS FOR-PROFIT INDUSTRY/CORPORATE                   | FALL 2014 SCHOLARSHIP SUPPORT                                | JOHNSON, ROBERTA L       | VICE PRESIDENT FOR STUDENT AFFAIRS | STUDENT FINANCIAL AID | 013974-00001 | Scholarships & Fellowships | 8/25/2014  | 12/19/2014 | JUNE 2015           |         |
| \$3,990,584  | DOC-NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY (NIST) | NIST CENTER OF EXCELLENCE IN FORENSIC SCIENCE AND STATISTICS | CARRIQUIRY, ALICIA LAURA | VP FOR RESEARCH                    | VP FOR RESEARCH       | 013927-00001 | Research                   | 6/1/2015   | 5/31/2016  | JUNE 2015           | 4261702 |
| \$3,573,420  | VARIOUS ISUF DONORS-NONPROFIT                           | IOWA STATE UNIVERSITY FOUNDATION DONATIONS                   | LEATH, STEVEN            | PRESIDENT                          | PRESIDENT             | 013966-00001 | Institutional Support      | 6/1/2014   | 5/31/2015  | JUNE 2015           |         |
| \$2,496,114  | VARIOUS ISUF DONORS-INDUSTRY/CORPORATE                  | IOWA STATE UNIVERSITY FOUNDATION DONATIONS                   | LEATH, STEVEN            | PRESIDENT                          | PRESIDENT             | 013962-00001 | Operations & Maintenance   | 6/1/2014   | 5/31/2015  | JUNE 2015           |         |
| \$1,743,363  | VARIOUS ISUF DONORS-                                    | IOWA STATE UNIVERSITY FOUNDATION DONATIONS                   | LEATH, STEVEN            | PRESIDENT                          | PRESIDENT             | 013968-00001 | Research                   | 6/1/2014   | 5/31/2015  | JUNE 2015           |         |

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|              | NONPROFIT  |   |                        |                                    |                                    |              |                            |            |           |                     |         |
| \$1,721,392  | IOWA DEPARTMENT OF HUMAN SERVICES                    | CHILD SUPPORT TRAINING BOC-12-005 AMENDMENT 8   | HONG, GONG-SOOG        | COLLEGE OF HUMAN SCIENCES          | HUMAN DEVELOPMENT & FAMILY STUDIES | 013936-00001 | Public Service             | 7/1/2015   | 6/30/2016 | JUNE 2015           | 4702815 |
| \$1,674,436  | VARIOUS ISUF DONORS-INDUSTRY/CORPORATE               | IOWA STATE UNIVERSITY FOUNDATION DONATIONS  | LEATH, STEVEN          | PRESIDENT                          | PRESIDENT                          | 013963-00001 | Research                   | 6/1/2014   | 5/31/2015 | JUNE 2015           |         |
| \$1,426,917  | NSF-NATIONAL SCIENCE FOUNDATION                      | CI-EN: BOA: A COLLABORATORY FOR STUDYING SOFTWARE AND ITS EVOLUTION AT A LARGE SCALE                      | RAJAN, HRIDESH         | COLLEGE OF LIBERAL ARTS & SCIENCES | COMPUTER SCIENCE                   | 013846-00001 | Research                   | 6/1/2015   | 5/31/2018 | JUNE 2015           | 4206193 |
| \$1,374,135  | NSF-NATIONAL SCIENCE FOUNDATION                      | NSF ENGINEERING RESEARCH CENTER FOR BIORENEWABLE CHEMICALS (CBIRC)  | SHANKS, BRENT H        | COLLEGE OF ENGINEERING             | CTR FOR BIORENEWABLE CHEMICALS     | 007992-00001 | Research                   | 9/1/2008   | 8/31/2016 | JUNE 2015           | 4207220 |
| \$1,359,783  | VARIOUS ISUF DONORS-NONPROFIT                        | IOWA STATE UNIVERSITY FOUNDATION DONATIONS  | LEATH, STEVEN          | PRESIDENT                          | PRESIDENT                          | 013969-00001 | Scholarships & Fellowships | 6/1/2014   | 5/31/2015 | JUNE 2015           |         |
| \$1,316,193  | VARIOUS ISUF DONORS-INDUSTRY/CORPORATE               | IOWA STATE UNIVERSITY FOUNDATION DONATIONS  | LEATH, STEVEN          | PRESIDENT                          | PRESIDENT                          | 013964-00001 | Scholarships & Fellowships | 6/1/2014   | 5/31/2015 | JUNE 2015           |         |
| \$1,200,000  | NSF-NATIONAL SCIENCE FOUNDATION                      | COLLABORATIVE RESEARCH: SI2-SSI: REMOVING BOTTLENECKS IN HIGH PERFORMANCE COMPUTATIONAL SCIENCE           | GORDON, MARK STEPHEN   | COLLEGE OF LIBERAL ARTS & SCIENCES | CHEMISTRY                          | 013987-00001 | Research                   | 8/1/2015   | 7/31/2019 | JUNE 2015           | 4206196 |
| \$952,555    | VARIOUS STATE OF IOWA                                | SPRING 2015 SCHOLARSHIP SUPPORT   | JOHNSON, ROBERTA L     | VICE PRESIDENT FOR STUDENT AFFAIRS | STUDENT FINANCIAL AID              | 013980-00001 | Scholarships & Fellowships | 1/12/2015  | 5/8/2015  | JUNE 2015           |         |
| \$919,803    | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | IMPROVING NUTRIENT UTILIZATION AND FEED EFFICIENCY THROUGH RESEARCH AND EXTENSION TO ENHANCE PIG INDUSTRY | PATIENCE, JOHN FRANCIS | AG EXPERIMENT STATION              | ANIMAL SCIENCE                     | 005963-00001 | Research                   | 4/1/2011   | 3/31/2016 | JUNE 2015           | 4164105 |

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|              |                                 | SUSTAINABILITY AND COMPETITIVENESS  |                           |                                    |                                  |              |                            |            |            |                     |         |
| \$914,948    | VARIOUS STATE OF IOWA           | FALL 2014 SCHOLARSHIP SUPPORT   | JOHNSON, ROBERTA L        | VICE PRESIDENT FOR STUDENT AFFAIRS | STUDENT FINANCIAL AID            | 013976-00001 | Scholarships & Fellowships | 8/25/2014  | 12/19/2014 | JUNE 2015           |         |
| \$891,604    | VARIOUS ISUF DONORS-INDIVIDUAL  | IOWA STATE UNIVERSITY FOUNDATION DONATIONS  | LEATH, STEVEN             | PRESIDENT                          | PRESIDENT                        | 013956-00001 | Research                   | 6/1/2014   | 5/31/2015  | JUNE 2015           |         |
| \$847,609    | DOE-US DEPARTMENT OF ENERGY     | MICROBIAL DRIVERS OF GLOBAL CHANGE AT THE AGGREGATE SCALE: LINKING GENOMIC FUNCTION TO CARBON METABOLISM AND WARMING                                      | HOFMOCKEL, KIRSTEN        | COLLEGE OF LIBERAL ARTS & SCIENCES | ECOLOGY, EVOLUTION & ORG BIOLOGY | 011331-00001 | Research                   | 9/1/2013   | 8/31/2016  | JUNE 2015           | 4012111 |
| \$810,519    | VARIOUS NONPROFIT ORGANIZATIONS | FALL 2014 SCHOLARSHIP SUPPORT   | JOHNSON, ROBERTA L        | VICE PRESIDENT FOR STUDENT AFFAIRS | STUDENT FINANCIAL AID            | 013973-00001 | Scholarships & Fellowships | 8/25/2014  | 12/19/2014 | JUNE 2015           |         |
| \$803,111    | VARIOUS NONPROFIT ORGANIZATIONS | SPRING 2015 SCHOLARSHIP SUPPORT   | JOHNSON, ROBERTA L        | VICE PRESIDENT FOR STUDENT AFFAIRS | STUDENT FINANCIAL AID            | 013977-00001 | Scholarships & Fellowships | 1/12/2015  | 5/8/2015   | JUNE 2015           |         |
| \$773,776    | ARGO GENESIS CHEMICALS LLC      | BIOPOLYMER DEVELOPMENT - PILOT PLANT PHASE II   | COCHRAN, ERIC W           | COLLEGE OF ENGINEERING             | CHEMICAL & BIOLOGICAL ENGR       | 013994-00001 | Research                   | 7/1/2015   | 6/30/2016  | JUNE 2015           |         |
| \$750,125    | NSF-NATIONAL SCIENCE FOUNDATION | SHF: LARGE: COLLABORATIVE RESEARCH: INFERRING SOFTWARE SPECIFICATIONS FROM OPEN SOURCE REPOSITORIES BY LEVERAGING DATA AND COLLECTIVE COMMUNITY EXPERTISE | RAJAN, HRIDESH            | COLLEGE OF LIBERAL ARTS & SCIENCES | COMPUTER SCIENCE                 | 013939-00001 | Research                   | 7/1/2015   | 6/30/2018  | JUNE 2015           | 4206112 |
| \$621,407    | BIOMARIN PHARMACEUTICAL INC     | TWENTY-SIX WEEK OR LONGER INTRACEREBROVENTRICULAR (ICV) INFUSION STUDY OF BMN 250 ADMINISTERED BIWEEKLY IN A CANINE                                       | ELLINWOOD, NORMAN MATTHEW | AG EXPERIMENT STATION              | ANIMAL SCIENCE                   | 012418-00001 | Research                   | 4/1/2014   | 12/31/2016 | JUNE 2015           | 4004306 |

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|              |   | MODEL OF MUCOPOLYSACCHARIDOSIS TYPE IIIB (MPS IIIB); STUDY #BMN250-13-046   |                      |                                |                                       |              |                |            |           |                     |         |
| \$579,573    | DOE-US DEPARTMENT OF ENERGY                           | INTEGRATED AND DYNAMIC MULTI-SPECTROSCOPIC IN SITU IMAGING OF PLANT METABOLISM AT THE LEVEL OF SUBCELLULAR COMPARTMENTS                     | NIKOLAU, BASIL J     | AG EXPERIMENT STATION          | BIOCHEMISTRY & BIOPHYSICS             | 013982-00001 | Research       | 7/1/2015   | 6/30/2016 | JUNE 2015           | 4014603 |
| \$572,702    | STANFORD UNIVERSITY                                   | THE PYROLYSIS-BIOENERGY-BIOCHAR PATHWAY TO CARBON NEGATIVE ENERGY   | LAIRD, DAVID ALAN    | COLLEGE OF ENGINEERING         | ENGINEERING RESEARCH INSTITUTE        | 013941-00001 | Research       | 6/1/2015   | 8/31/2015 | JUNE 2015           | 4002042 |
| \$500,000    | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)  | THE PHYSIOLOGICAL IMPACT OF HEAT STRESS ON PIG METABOLISM AND PERFORMANCE   | BAUMGARD, LANCE HALL | AG EXPERIMENT STATION          | ANIMAL SCIENCE                        | 005462-00001 | Research       | 1/15/2011  | 1/14/2016 | JUNE 2015           | 4164065 |
| \$497,200    | USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS) | UPDATING AND MAINTAINING THE NAHEMS GUIDELINES AND MANAGING THE TRAINING WEBSITE  | ROTH, JAMES ALLEN    | COLLEGE OF VETERINARY MEDICINE | CTR FOR FOOD SECURITY & PUBLIC HEALTH | 013886-00001 | Public Service | 6/9/2015   | 6/8/2016  | JUNE 2015           | 4120542 |
| \$495,000    | USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS) | SECURE MILK AND SECURE PORK SUPPLY PROJECTS FOR BUSINESS CONTINUITY IN A FOREIGN ANIMAL DISEASE OUTBREAK                                    | ROTH, JAMES ALLEN    | COLLEGE OF VETERINARY MEDICINE | CTR FOR FOOD SECURITY & PUBLIC HEALTH | 013885-00001 | Public Service | 6/9/2015   | 6/8/2016  | JUNE 2015           | 4120540 |
| \$492,704    | IOWA DEPARTMENT OF TRANSPORTATION                     | ADMINISTRATIVE COMPONENT OF THE INSTITUTE FOR TRANSPORTATION FY2016 - ADMINISTRATIVE SUPPORT  | HALLMARK, SHAUNA L   | VP FOR RESEARCH                | INST FOR TRANSPORTATION (INTRANS)     | 013937-00001 | Research       | 7/1/2015   | 6/30/2016 | JUNE 2015           | 4747749 |
| \$484,000    | USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS) | DEVELOPING RESOURCES FOR HIGHLY PATHOGENIC AVIAN INFLUENZA OUTBREAKS FOR FEDERAL AND STATE AUTHORITIES, PRODUCERS AND ASSOCIATED INDUSTRIES | ROTH, JAMES ALLEN    | COLLEGE OF VETERINARY MEDICINE | CTR FOR FOOD SECURITY & PUBLIC HEALTH | 013986-00001 | Public Service | 6/22/2015  | 6/21/2016 | JUNE 2015           | 4120557 |

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| \$465,396    | VARIOUS FEDERAL   | FALL 2014 SCHOLARSHIP SUPPORT   | JOHNSON, ROBERTA L       | VICE PRESIDENT FOR STUDENT AFFAIRS | STUDENT FINANCIAL AID                  | 013975-00001 | Scholarships & Fellowships | 8/25/2014  | 12/19/2014 | JUNE 2015           |         |
| \$443,330    | VARIOUS FEDERAL   | SPRING 2015 SCHOLARSHIP SUPPORT   | JOHNSON, ROBERTA L       | VICE PRESIDENT FOR STUDENT AFFAIRS | STUDENT FINANCIAL AID                  | 013979-00001 | Scholarships & Fellowships | 1/12/2015  | 5/8/2015   | JUNE 2015           |         |
| \$423,894    | NSF-NATIONAL SCIENCE FOUNDATION                                   | SHF: MEDIUM: RUI: COLLABORATIVE RESEARCH: ADVANCED TRACEABILITY FOR COMPOSING PRODUCT LINE SAFETY CASES | LUTZ, ROBYN R            | COLLEGE OF LIBERAL ARTS & SCIENCES | COMPUTER SCIENCE                       | 013938-00001 | Research                   | 7/1/2015   | 6/30/2019  | JUNE 2015           | 4206140 |
| \$398,919    | VARIOUS ISUF DONORS-NONPROFIT                                     | IOWA STATE UNIVERSITY FOUNDATION DONATIONS  | LEATH, STEVEN            | PRESIDENT                          | PRESIDENT                              | 013965-00001 | Academic Support           | 6/1/2014   | 5/31/2015  | JUNE 2015           |         |
| \$390,000    | NSF-NATIONAL SCIENCE FOUNDATION                                   | CAREER: STEREOCHEMICALLY-FLEXIBLE POLYOL SYNTHESIS  | CHEN, JASON SHIH-HAO     | COLLEGE OF LIBERAL ARTS & SCIENCES | CHEMISTRY                              | 013890-00001 | Research                   | 7/1/2015   | 6/30/2020  | JUNE 2015           | 4206197 |
| \$350,000    | NATIONAL ACADEMIES  | GUIDELINES FOR MANAGING GEOTECHNICAL RISKS IN DESIGN-BUILD PROJECTS                                     | GRANSBERG, DOUGLAS DRAKE | VP FOR RESEARCH                    | INST FOR TRANSPORTATION (INTRANS)      | 013833-00001 | Research                   | 6/1/2015   | 12/1/2017  | JUNE 2015           | 4281712 |
| \$321,873    | NIH-NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES (NIEHS)   | MECHANISMS OF MANGANESE NEUROTOXICITY   | KANTHASAMY, ANUMANTHA G  | VP FOR RESEARCH                    | ICAN (IA CTR FOR ADV NEUROTOX)         | 005497-00001 | Research                   | 8/11/2011  | 3/31/2016  | JUNE 2015           | 4301708 |
| \$318,198    | NIH-NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS & STROKE (NINDS) | PROKINETICIN 2 AND NEUROINFLAMMATORY MECHANISMS   | KANTHASAMY, ARTHI        | VP FOR RESEARCH                    | ICAN (IA CTR FOR ADV NEUROTOX)         | 007681-00001 | Research                   | 5/15/2012  | 4/30/2016  | JUNE 2015           | 4301723 |
| \$302,057    | NIH-INSTITUTE ON AGING (NIA)                                      | BIODEMOGRAPHY AND SENESCENCE IN LONG-LIVED PAINTED TURTLES  | BRONIKOWSKI, ANNE MARIE  | COLLEGE OF LIBERAL ARTS & SCIENCES | ECOLOGY, EVOLUTION & ORG BIOLOGY       | 013918-00001 | Research                   | 5/15/2015  | 4/30/2016  | JUNE 2015           | 4302124 |
| \$300,000    | NSF-NATIONAL SCIENCE FOUNDATION                                   | A NEW DESIGN PARADIGM FOR SWITCH-MODE POWER AMPLIFIERS SUPPORTING                                       | NEIHART, NATHAN MARK     | COLLEGE OF ENGINEERING             | ELECTRICAL ENGINEERING & COMPUTER ENGR | 013834-00001 | Research                   | 8/15/2015  | 7/31/2018  | JUNE 2015           | 4206295 |

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|              |  | CONCURRENT MULTI-BAND WIRELESS COMMUNICATION  |                        |                                    |  |              |                  |            |           |                     |         |
| \$280,479    | NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS) | REGULATION OF SNARE-DEPENDENT VESICLE FUSION  | SHIN, YEON-KYUN        | COLLEGE OF LIBERAL ARTS & SCIENCES | BIOCHEMISTRY & BIOPHYSICS              | 005508-00001 | Research         | 5/1/2012   | 4/30/2016 | JUNE 2015           | 4302117 |
| \$279,995    | NSF-NATIONAL SCIENCE FOUNDATION                            | SUSCHEM: MAGNESIUM-CATALYZED HYDROSILYLATION AND HYDROBORATION FOR EFFICIENT CARBON-SILICON AND CARBON-BORON BOND FORMATION | SADOW, AARON DAVID     | COLLEGE OF LIBERAL ARTS & SCIENCES | CENTER FOR CATALYSIS                   | 013945-00001 | Research         | 7/1/2015   | 6/30/2019 | JUNE 2015           | 4206195 |
| \$278,333    | AMERICAN SEED TRADE ASSOCIATION                            | EFFECTS OF SEED QUALITY MANAGEMENT PRACTICES ON PHYTOSANITARY RISK REDUCTION  | MUNKVOLD, GARY PHILLIP | AG EXPERIMENT STATION              | PLANT PATHOLOGY                        | 013842-00001 | Research         | 6/1/2015   | 5/31/2018 | JUNE 2015           | 4104401 |
| \$276,746    | VARIOUS ISUF DONORS-INDUSTRY/CORPORATE                     | IOWA STATE UNIVERSITY FOUNDATION DONATIONS  | LEATH, STEVEN          | PRESIDENT                          | PRESIDENT                              | 013959-00001 | Academic Support | 6/1/2014   | 5/31/2015 | JUNE 2015           |         |
| \$254,006    | CROHNS & COLITIS FOUNDATION                                | TARGETED DELIVERY OF INTESTINAL STEM CELLS TO TREAT INFLAMMATORY BOWEL DISEASE  | WANG, QUN              | COLLEGE OF ENGINEERING             | CHEMICAL & BIOLOGICAL ENGR             | 013915-00001 | Research         | 7/1/2015   | 6/30/2018 | JUNE 2015           | 4002041 |
| \$250,000    | NSF-NATIONAL SCIENCE FOUNDATION                            | DISTRIBUTED RECURSIVE ROBUST ESTIMATION: THEORY, ALGORITHMS AND APPLICATIONS IN SINGLE AND MULTI-CAMERA COMPUTER VISION     | VASWANI, NAMRATA       | COLLEGE OF ENGINEERING             | ELECTRICAL ENGINEERING & COMPUTER ENGR | 013942-00001 | Research         | 7/1/2015   | 6/30/2018 | JUNE 2015           | 4202031 |
| \$247,109    | NSF-NATIONAL SCIENCE FOUNDATION                            | USING RETRIEVAL PRACTICE TO ENHANCE ACHIEVEMENT IN STEM COURSES   | CARPENTER, SHANA K     | COLLEGE OF LIBERAL ARTS & SCIENCES | PSYCHOLOGY                             | 013887-00001 | Research         | 8/1/2015   | 7/31/2017 | JUNE 2015           | 4206194 |
| \$246,966    | OHIO DEPARTMENT OF TRANSPORTATION                          | EXTENDED LIFE CONCRETE BRIDGE DECKS UTILIZING IMPROVED INTERNAL CURING TO REDUCE CRACKING-PROJECT 2015-10                   | TAYLOR, PETER C        | VP FOR RESEARCH                    | INST FOR TRANSPORTATION (INTRANS)      | 013832-00001 | Research         | 4/30/2015  | 4/29/2018 | JUNE 2015           | 4041776 |

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| \$244,973    | DOD-DEFENSE THREAT REDUCTION AGENCY (DTRA)                      | NOVEL APPROACHES FOR DETECTING GENE AMPLIFICATION EVENTS  | PHILLIPS, GREGORY J    | COLLEGE OF VETERINARY MEDICINE     | VETERINARY MICROBIOLOGY & PREV MEDICINE | 013829-00001 | Research                 | 6/1/2015   | 5/31/2017  | JUNE 2015           | 4212302 |
| \$232,806    | NIH-NATIONAL INSTITUTE OF ALLERGY & INFECTIOUS DISEASES (NIAID) | ISOLATING APTAMERS TO VIRAL SURFACE EPITOPES  | NILSEN-HAMILTON, MARIT | AG EXPERIMENT STATION              | BIOCHEMISTRY & BIOPHYSICS               | 013921-00001 | Research                 | 6/15/2015  | 5/31/2016  | JUNE 2015           | 4304012 |
| \$202,315    | NIH-NATIONAL INSTITUTE OF ALLERGY & INFECTIOUS DISEASES (NIAID) | IN VIVO REPORTERS OF GENE EXPRESSION  | NILSEN-HAMILTON, MARIT | AG EXPERIMENT STATION              | BIOCHEMISTRY & BIOPHYSICS               | 012417-00001 | Research                 | 7/15/2014  | 6/30/2016  | JUNE 2015           | 4304009 |
| \$199,012    | DOE-US DEPARTMENT OF ENERGY                                     | OPERATING AND MANAGEMENT SUPPORT FOR THE AMES LABORATORY  | SCHWARTZ, ADAM         | AMES LABORATORY                    | AMES LABORATORY                         | 004881-00001 | Research                 | 1/1/1981   | 12/31/2016 | JUNE 2015           | 4012501 |
| \$190,000    | NSF-NATIONAL SCIENCE FOUNDATION                                 | COLLABORATIVE PROPOSAL: HIGH EFFICIENCY TANDEM PEROVSKITE/CIS SOLAR CELL  | DALAL, VIKRAM L        | COLLEGE OF ENGINEERING             | MICROELECTRONICS RESEARCH CENTER        | 013935-00001 | Research                 | 7/1/2015   | 6/30/2018  | JUNE 2015           | 4202532 |
| \$183,029    | UNIVERSITY OF MISSOURI COLUMBIA                                 | NATIONAL PROGRAM FOR GENETIC IMPROVEMENT OF FEED EFFICIENCY IN BEEF CATTLE  | HANSEN, STEPHANIE L    | AG EXPERIMENT STATION              | ANIMAL SCIENCE                          | 008071-00001 | Research                 | 4/1/2011   | 3/31/2016  | JUNE 2015           | 4104013 |
| \$179,985    | MICROCONTINUUM INC  | R2R PRODUCTION OF LOW-COST INTEGRATED OLED SUBSTRATE WITH IMPROVED TRANSPARENT CONDUCTOR AND ENHANCED LIGHT OUTCOUPLING (PHASE 2) | SHINAR, RUTH           | COLLEGE OF ENGINEERING             | MICROELECTRONICS RESEARCH CENTER        | 013888-00001 | Research                 | 4/6/2015   | 4/5/2016   | JUNE 2015           | 4042531 |
| \$159,999    | ED-US DEPARTMENT OF EDUCATION                                   | PELL GRANT, FY15  | JOHNSON, ROBERTA L     | VICE PRESIDENT FOR STUDENT AFFAIRS | STUDENT FINANCIAL AID                   | 012179-00001 | Student Financial Aid    | 7/1/2014   | 6/30/2015  | JUNE 2015           | 4325753 |
| \$159,183    | VARIOUS ISUF DONORS-NONPROFIT                                   | IOWA STATE UNIVERSITY FOUNDATION DONATIONS  | LEATH, STEVEN          | PRESIDENT                          | PRESIDENT                               | 013967-00001 | Operations & Maintenance | 6/1/2014   | 5/31/2015  | JUNE 2015           |         |
| \$150,000    | AMERICAN MEAT   | VALIDATION OF LETHALITY   | DICKSON,               | AG                                 | ANIMAL SCIENCE                          | 013821-00001 | Research                 | 6/1/2015   | 5/31/2016  | JUNE                | 4004354 |

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|--------------|---|---|--------------------------|------------------------------------|--|--------------|---------------|------------|------------|---------------------|---------|
|              | INSTITUTE FOUNDATION                      | AND STABILIZATION PROCESSES FOR PRODUCTS WITH SLOW COME UP TIME: BACON AND BONE-IN HAM                  | JAMES S                  | EXPERIMENT STATION                 |  |              |               |            |            | 2015                |         |
| \$150,000    | IOWA DEPARTMENT OF TRANSPORTATION         | WORK PLAN FOR THE STATEWIDE URBAN DESIGN AND SPECIFICATIONS PROGRAM FY16                                | HALLMARK, SHAUNA L       | VP FOR RESEARCH                    | INST FOR TRANSPORTATION (INTRANS)      | 013870-00001 | Research      | 7/1/2015   | 6/30/2018  | JUNE 2015           | 4747748 |
| \$142,665    | NSF-NATIONAL SCIENCE FOUNDATION           | CAREER: NEXT GENERATION NEUTRINO WATER CHERENKOV DETECTORS USING LARGE-AREA FAST PHOTODETECTORS         | SANCHEZ, MAYLY           | COLLEGE OF LIBERAL ARTS & SCIENCES | PHYSICS & ASTRONOMY                    | 007525-00001 | Research      | 6/1/2011   | 5/31/2016  | JUNE 2015           | 4206158 |
| \$141,698    | UNIVERSITY OF GEORGIA                     | ROMANTIC PARTNER EFFECTS ON INFLAMMATION AMONG AFRICAN AMERICANS  | CUTRONA-RUSSELL, CAROLYN | COLLEGE OF LIBERAL ARTS & SCIENCES | PSYCHOLOGY                             | 013672-00001 | Research      | 4/7/2015   | 3/31/2016  | JUNE 2015           | 4042170 |
| \$141,666    | USDA-AGRICULTURAL RESEARCH SERVICES (ARS) | GENETIC CONNECTIVITY BETWEEN WESTERN CORN ROOTWORM POPULATIONS  | NASON, JOHN DAVID        | COLLEGE OF LIBERAL ARTS & SCIENCES | ECOLOGY, EVOLUTION & ORG BIOLOGY       | 013871-00001 | Research      | 3/15/2015  | 2/28/2017  | JUNE 2015           | 4192102 |
| \$140,000    | DOE-US DEPARTMENT OF ENERGY               | NUCLEI (NUCLEAR COMPUTATIONAL LOW-ENERGY INITIATIVE)  | VARY, JAMES P            | COLLEGE OF LIBERAL ARTS & SCIENCES | PHYSICS & ASTRONOMY                    | 007150-00001 | Research      | 8/15/2012  | 8/14/2016  | JUNE 2015           | 4012119 |
| \$130,351    | UNIVERSITY OF IOWA                        | SAFETY ANALYSIS FOR A NOVEL INTRASPINAL IMPLANT   | JEFFERY, NICHOLAS DAVID  | COLLEGE OF VETERINARY MEDICINE     | VET CLINICAL SCIENCES                  | 008239-00001 | Research      | 4/1/2012   | 5/31/2016  | JUNE 2015           | 4752306 |
| \$130,000    | THE PEANUT FOUNDATION                     | PEANUTBASE.ORG, A PEANUT GENETIC AND GENOMIC TOOLBOX  | DICKERSON, JULIE ANN     | COLLEGE OF ENGINEERING             | ELECTRICAL ENGINEERING & COMPUTER ENGR | 013990-00001 | Research      | 2/27/2015  | 2/26/2016  | JUNE 2015           | 4006033 |
| \$125,000    | EDUCATIONAL TESTING SERVICE               | VALIDATING THE INTERPRETATION OF TOEFL IBT SPEAKING SCORES FOR ITA SCREENING AND CERTIFICATION PURPOSES | COTOS, ELENA             | SR VP AND PROVOST                  | GRADUATE COLLEGE                       | 013947-00001 | Research      | 8/16/2015  | 12/31/2018 | JUNE 2015           | 4001803 |
| \$122,000    | NSF-NATIONAL SCIENCE FOUNDATION           | ATOMIC ENGINEERING OF CONJUGATED POLYMERS FOR HIGH PERFORMANCE PHOTOVOLTAIC CELLS                       | JEFFRIES-EL, MALIKA      | COLLEGE OF LIBERAL ARTS & SCIENCES | CHEMISTRY                              | 011896-00001 | Research      | 5/1/2014   | 4/30/2017  | JUNE 2015           | 4202124 |

**II. Gifts, Grants, Contracts, and Memoranda of Agreement**

Calendar Year: 2015  
Month: Jun

Award Count: 144  
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|--------------|--|--|----------------------|------------------------------------|---------------------------------------|--------------|----------------|------------|------------|---------------------|---------|
| \$115,693    | USDA-AGRICULTURAL RESEARCH SERVICES (ARS)          | SWINE INFLUENZA A VIRUS SURVEILLANCE SYSTEM PROJECT  | ROTH, JAMES ALLEN    | COLLEGE OF VETERINARY MEDICINE     | CTR FOR FOOD SECURITY & PUBLIC HEALTH | 012016-00001 | Research       | 3/1/2014   | 2/28/2016  | JUNE 2015           | 4192306 |
| \$104,875    | IOWA DEPARTMENT OF TRANSPORTATION                  | WORK PLAN FOR THE TRANSPORTATION MATERIALS ENGINEER FY2016   | HALLMARK, SHAUNA L   | VP FOR RESEARCH                    | INST FOR TRANSPORTATION (INTRANS)     | 013951-00001 | Research       | 7/1/2015   | 6/30/2016  | JUNE 2015           | 4747753 |
| \$100,000    | NATIONAL PORK BOARD                                | IMPLEMENTATION OF THE SECURE PORK SUPPLY PLAN  | ROTH, JAMES ALLEN    | COLLEGE OF VETERINARY MEDICINE     | CTR FOR FOOD SECURITY & PUBLIC HEALTH | 013827-00001 | Public Service | 5/1/2015   | 12/31/2015 | JUNE 2015           | 4532375 |
| \$100,000    | USDA-NATURAL RESOURCES CONSERVATION SERVICE (NRCS) | STATE-WIDE SOIL HEALTH DEMONSTRATION AND OUTREACH PROJECT  | AL-KAISI, MAHDI      | UNIVERSITY & COOPERATIVE EXTENSION | AGRONOMY                              | 013922-00001 | Public Service | 6/1/2015   | 9/30/2016  | JUNE 2015           | 4123024 |
| \$99,708     | IOWA DEPARTMENT OF TRANSPORTATION                  | TRANSPORTATION OPERATIONS ENGINEER FY2016  | HALLMARK, SHAUNA L   | VP FOR RESEARCH                    | INST FOR TRANSPORTATION (INTRANS)     | 013957-00001 | Research       | 7/1/2015   | 6/30/2016  | JUNE 2015           | 4747760 |
| \$98,415     | UNIVERSITY OF IOWA                                 | EXPANSION AND UTILIZATION OF SWINE BIOMEDICAL MODELS   | ROSS, JASON WAYNE    | AG EXPERIMENT STATION              | ANIMAL SCIENCE                        | 013838-00001 | Research       | 4/1/2015   | 3/31/2016  | JUNE 2015           | 4754009 |
| \$95,511     | VERACHEM LLC                                       | STATISTICAL MECHANICS WITH QUANTUM POTENTIALS: APPLICATION TO HOST-GUEST BINDING PROPERTIES                              | GORDON, MARK STEPHEN | COLLEGE OF LIBERAL ARTS & SCIENCES | CHEMISTRY                             | 013917-00001 | Research       | 5/1/2015   | 3/31/2016  | JUNE 2015           | 4042183 |
| \$90,892     | SHELL  | SWEET SORGHUM SILAGE PILOT STUDIES FOR ASSESSMENT AS A RUMINANT FEEDSTUFF  | HANSEN, STEPHANIE L  | AG EXPERIMENT STATION              | ANIMAL SCIENCE                        | 013837-00001 | Research       | 5/15/2015  | 6/30/2016  | JUNE 2015           | 4004383 |
| \$83,211     | NATIONAL PORK BOARD                                | EVALUATION OF DIETARY SOYBEAN MEAL REPLACEMENT ON GROW-FINISHER PIG PERFORMANCE WHEN CHALLENGED WITH PRRS AND MYCOPLASMA | GABLER, NICHOLAS K   | AG EXPERIMENT STATION              | ANIMAL SCIENCE                        | 013903-00001 | Research       | 6/1/2015   | 6/1/2016   | JUNE 2015           | 4534041 |
| \$73,853     | UNIVERSITY OF MARYLAND                             | CAN EARLY HEAT CONDITIONING PREVENT  | AHN, DONG UK         | AG EXPERIMENT                      | ANIMAL SCIENCE                        | 013933-00001 | Research       | 5/1/2015   | 4/30/2017  | JUNE 2015           | 4044076 |

**II. Gifts, Grants, Contracts, and Memoranda of Agreement**

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Month: Jun

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|              | EASTERN SHORE  | HEAT STRESS-INDUCED QUALITY DETERIORATION IN BROILER BREAST MEAT?                            |                           | STATION                            |   |              |                |            |            |                     |         |
| \$73,853     | UNIVERSITY OF MARYLAND EASTERN SHORE                 | EXPLORING POTENTIALS OF IRRADIATED EGG WHITE AS A NOVEL, FUNCTIONAL FOOD SOURCE              | AHN, DONG UK              | AG EXPERIMENT STATION              | ANIMAL SCIENCE                          | 013934-00001 | Research       | 2/1/2015   | 1/31/2017  | JUNE 2015           | 4044079 |
| \$70,000     | IOWA DEPARTMENT OF TRANSPORTATION                    | MULTI-DISCIPLINARY SAFETY TEAM AND LOCAL ROAD SAFETY IMPROVEMENT FACILITATION                | KNAPP, KEITH K            | VP FOR RESEARCH                    | INST FOR TRANSPORTATION (INTRANS)       | 013961-00001 | Research       | 7/1/2015   | 6/30/2016  | JUNE 2015           | 4747761 |
| \$64,964     | LEE COUNTY AGRICULTURAL EXTENSION DISTRICT           | EXTENSION PROGRAMS ENHANCEMENT IN AGRICULTURE AND HORTICULTURE FOR LEE AND HENRY COUNTIES    | LAWRENCE, JOHN D          | UNIVERSITY & COOPERATIVE EXTENSION | EXTENSION TO AG-EXTENSION               | 012255-00001 | Public Service | 7/1/2014   | 6/30/2016  | JUNE 2015           | 4003032 |
| \$60,350     | USDA-AGRICULTURAL RESEARCH SERVICES (ARS)            | DIETARY EFFECTS ON SOW PRODUCTIVITY TO THREE PARITIES  | STALDER, KENNETH J        | AG EXPERIMENT STATION              | ANIMAL SCIENCE                          | 013948-00001 | Research       | 4/1/2015   | 12/15/2015 | JUNE 2015           | 4194030 |
| \$60,000     | NSF-NATIONAL SCIENCE FOUNDATION                      | I/UCRC: CENTER FOR E-DESIGN  | TERPENNY, JANIS PINCHEFSK | COLLEGE OF ENGINEERING             | INDUSTRIAL & MANUFACTURING SYSTEMS ENGR | 007183-00001 | Research       | 9/1/2012   | 8/31/2017  | JUNE 2015           | 4206225 |
| \$55,994     | PURDUE UNIVERSITY                                    | SCREENING APPROPRIATE SURROGATES AS INDICATORS FOR SALMONELLA FOR COMPLIANCE WITH APPENDIX A | DICKSON, JAMES S          | AG EXPERIMENT STATION              | ANIMAL SCIENCE                          | 013993-00001 | Research       | 5/1/2015   | 4/30/2016  | JUNE 2015           | 4004417 |
| \$54,390     | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | ANIMAL HEALTH & DISEASE RESEARCH PROGRAM - FORMULA GRANT                                     | ZHANG, QIJING             | COLLEGE OF VETERINARY MEDICINE     | COLLEGE OF VETERINARY MEDICINE ADMIN    | 013946-00001 | Research       | 10/1/2014  | 9/30/2016  | JUNE 2015           | 4112315 |
| \$50,907     | NATIONAL PORK BOARD                                  | UTILIZATION OF NEUTROPHIL EXTRACELLULAR TRAP DNA BY MYCOPLASMA HYOPNEUMONIAE                 | MINION, FRANK C           | COLLEGE OF VETERINARY MEDICINE     | VETERINARY MICROBIOLOGY & PREV MEDICINE | 013906-00001 | Research       | 7/1/2015   | 7/1/2016   | JUNE 2015           | 4532377 |

**II. Gifts, Grants, Contracts, and Memoranda of Agreement**

Calendar Year: 2015  
Month: Jun

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| \$50,000     | IOWA DEPARTMENT OF TRANSPORTATION                     | TEMPORARY TRAFFIC CONTROL HANDBOOK FOR LOCAL AGENCIES, TR-694   | WIEGAND, PAUL D           | VP FOR RESEARCH                    | INST FOR TRANSPORTATION (INTRANS)   | 013825-00001 | Research                   | 6/1/2015   | 5/31/2016  | JUNE 2015           | 4747940 |
| \$50,000     | IOWA DEPARTMENT OF TRANSPORTATION                     | WORK PLAN FOR THE CENTER FOR EARTHWORKS ENGINEERING RESEARCH CENTER (CEER) FY2016   | HALLMARK, SHAUNA L        | VP FOR RESEARCH                    | INST FOR TRANSPORTATION (INTRANS)   | 013952-00001 | Research                   | 7/1/2015   | 6/30/2016  | JUNE 2015           | 4747758 |
| \$50,000     | USDA-NATURAL RESOURCES CONSERVATION SERVICE (NRCS)    | IOWA LEARNING FARM FIELD DAYS AND WEBINARS: LEARNING AND LEADERSHIP: ENGAGING WOMEN IN CONSERVATION FROM ECONOMICS, IMPLEMENTATION AND MANAGEMENT | COMITO, JACQUELINE M      | UNIVERSITY & COOPERATIVE EXTENSION | AG & BIOSYSTEMS ENGINEERING         | 013991-00001 | Public Service             | 6/24/2015  | 9/30/2016  | JUNE 2015           | 4123025 |
| \$49,375     | ROLLS ROYCE   | ADVANCED TERAHERTZ INSPECTION OF MATERIALS OF ROLLS ROYCE'S INTERESTS: PHASE III  | CHIOU, CHIEN-PING         | COLLEGE OF ENGINEERING             | CENTER FOR NON-DESTRUCT EVALUATION  | 013843-00001 | Research                   | 5/13/2015  | 12/31/2015 | JUNE 2015           | 4002040 |
| \$47,687     | VARIOUS FOR-PROFIT INDUSTRY/ CORPORATE                | SUMMER 2014 SCHOLARSHIP SUPPORT   | JOHNSON, ROBERTA L        | VICE PRESIDENT FOR STUDENT AFFAIRS | STUDENT FINANCIAL AID               | 013971-00001 | Scholarships & Fellowships | 5/19/2014  | 8/8/2014   | JUNE 2015           |         |
| \$47,000     | DOE-US DEPARTMENT OF ENERGY                           | INVESTIGATIONS OF QUARK SEA AND ORBITAL ANGULAR MOMENTUM CONTRIBUTIONS TO NUCLEON SPIN  | LAJOIE, JOHN G            | COLLEGE OF LIBERAL ARTS & SCIENCES | PHYSICS & ASTRONOMY                 | 008010-00001 | Research                   | 9/1/2010   | 8/31/2016  | JUNE 2015           | 4012103 |
| \$44,032     | UNIVERSITY OF VERMONT                                 | FARM TRANSITION PLANNING FOR WOMEN, VIDEO COURSE AND WOMEN IN AG LEARNING NETWORK SUPPORT   | SCHULTZ, MADELINE MARGARE | UNIVERSITY & COOPERATIVE EXTENSION | VALUE ADD AG-EXTENSION              | 013872-00001 | Public Service             | 1/1/2015   | 6/30/2015  | JUNE 2015           | 4003077 |
| \$43,500     | USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS) | AGDISCOVERY SUMMER ENRICHMENT PROGRAM 2015  | LEMPER, CLAUDIA L         | AG EXPERIMENT STATION              | PLANT PATHOLOGY                     | 013839-00001 | Public Service             | 3/15/2015  | 12/31/2015 | JUNE 2015           | 4124028 |
| \$36,472     | NIH-NATIONAL INSTITUTE OF CHILD HEALTH &              | THE ROLE OF HIF REGULATED GENES AND GENOMIC REGIONS IN  | TUTEJA, GEETU SINGH       | COLLEGE OF LIBERAL ARTS & SCIENCES | GENETICS DEVELOPMENT & CELL BIOLOGY | 013445-00001 | Research                   | 3/15/2015  | 6/30/2016  | JUNE 2015           | 4302109 |

**II. Gifts, Grants, Contracts, and Memoranda of Agreement**

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Month: Jun

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|              | HUMAN DEVELOPMENT (NICHD)              | TROPHOBLAST INVASION  |                     |                                |  |              |                |            |            |                     |         |
| \$36,078     | KINZE MANUFACTURING                    | PLANTER DEPTH CONTROL EVALUATION AND TESTING  | BIRRELL, STUART J   | AG EXPERIMENT STATION          | AG & BIOSYSTEMS ENGINEERING            | 013910-00001 | Research       | 5/1/2015   | 11/30/2015 | JUNE 2015           | 4004398 |
| \$35,000     | SPIRIT AEROSYSTEMS                     | CENTER FOR NDE MEMBERSHIP   | BOND, LEONARD J     | COLLEGE OF ENGINEERING         | CENTER FOR NON-DESTRUCT EVALUATION     | 013854-00001 | Research       | 5/19/2015  | 5/18/2016  | JUNE 2015           |         |
| \$34,904     | MRI GLOBAL                             | APPLICATION OF SAFER ROADS INVESTMENT PLANS AND OTHER RELATED TOOLS FOR SAFETY MANAGEMENT OF UTAH ROADS AND STREETS                         | HANS, ZACHARY N     | VP FOR RESEARCH                | INST FOR TRANSPORTATION (INTRANS)      | 013865-00001 | Research       | 2/25/2015  | 8/31/2015  | JUNE 2015           | 4007709 |
| \$30,000     | UNIVERSITY OF IOWA                     | EFFECTS OF LARVAL NUTRITIONAL STRESS ON HONEY BEE DISEASE SUSCEPTIBILITY AND IMMUNOCOMPETENCE   | TOTH, AMY LYNN      | AG EXPERIMENT STATION          | ECOLOGY, EVOLUTION & ORG BIOLOGY       | 013847-00001 | Research       | 7/1/2015   | 11/30/2015 | JUNE 2015           | 4754005 |
| \$30,000     | WASHINGTON STATE DEPARTMENT OF ECOLOGY | CB2 NORTHWEST GREEN CHEMISTRY/WASHINGTON DEPARTMENT OF ECOLOGY MEMBERSHIP   | GREWELL, DAVID      | AG EXPERIMENT STATION          | CENTER FOR CROPS UTILIZATION           | 013912-00001 | Public Service | 5/11/2015  | 11/30/2016 | JUNE 2015           |         |
| \$28,440     | INTERVET INC D/B/A MERCK ANIMAL HEALTH | DETECTION OF SALMONELLA ENTERITIDIS ANTIBODIES IN SERUM SAMPLES AND EGGS FROM VACCINATED HENS AND THEIR GROWTH INHIBITION POTENTIAL IN EGGS | FRANA, TIMOTHY S    | COLLEGE OF VETERINARY MEDICINE | VET DIAGNOSTIC & PRODUCTION ANIMAL MED | 013831-00001 | Research       | 4/24/2015  | 4/23/2016  | JUNE 2015           | 4006326 |
| \$28,000     | LEIDOS INC                             | ROADWAY DATA IMPROVEMENT PROGRAM  | SMADI, OMAR G       | VP FOR RESEARCH                | INST FOR TRANSPORTATION (INTRANS)      | 006720-00001 | Research       | 1/3/2013   | 5/31/2016  | JUNE 2015           | 4041730 |
| \$28,000     | DUPONT                                 | LEM17 250 FS SEED TREATMENT ACTIVITY IN SOYBEANS AGAINST SDS (FUSARIUM VIRGULIFORME)  | LEANDRO, LEONOR F S | AG EXPERIMENT STATION          | PLANT PATHOLOGY                        | 013897-00001 | Research       | 3/1/2014   | 12/1/2014  | JUNE 2015           |         |

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Month: Jun

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| \$27,069     | IOWA DEPARTMENT OF NATURAL RESOURCES | BAT ACOUSTIC MONITORING   | BLANCHONG, JULIE ANNE | AG EXPERIMENT STATION              | NATURAL RESOURCE ECOLOGY & MGMT         | 013828-00001 | Research                   | 4/30/2015  | 12/15/2015 | JUNE 2015           | 4734082 |
| \$25,747     | VARIOUS NONPROFIT ORGANIZATIONS      | SUMMER 2014 SCHOLARSHIP SUPPORT   | JOHNSON, ROBERTA L    | VICE PRESIDENT FOR STUDENT AFFAIRS | STUDENT FINANCIAL AID                   | 013970-00001 | Scholarships & Fellowships | 5/19/2014  | 8/8/2014   | JUNE 2015           |         |
| \$25,000     | NATIONAL PORK BOARD                  | DEVELOPMENT OF NOVEL REOVIRUS-BASED MUCOSAL VACCINE VECTORS FOR PEDV ANTIGEN PRODUCTION                       | MILLER, CATHY         | COLLEGE OF VETERINARY MEDICINE     | VETERINARY MICROBIOLOGY & PREV MEDICINE | 013907-00001 | Research                   | 6/1/2015   | 6/1/2016   | JUNE 2015           | 4532376 |
| \$24,678     | IOWA DEPARTMENT OF PUBLIC HEALTH     | MATERNAL INFANT AND EARLY CHILDHOOD HOME VISITING (MIECHV)  | PETERSON, CARLA ANN   | COLLEGE OF HUMAN SCIENCES          | HUMAN DEVELOPMENT & FAMILY STUDIES      | 012317-00001 | Research                   | 7/1/2014   | 6/30/2015  | JUNE 2015           | 4782803 |
| \$22,150     | UNIVERSITY OF CALIFORNIA BERKELEY    | EARLY ADVERSITY SHAPES ADOLESCENT RISK BEHAVIOR TRAJECTORIES IN MEXICAN AMERICANS                             | SHIRTCLIFF, ELIZABETH | COLLEGE OF HUMAN SCIENCES          | HUMAN DEVELOPMENT & FAMILY STUDIES      | 012361-00001 | Research                   | 6/1/2014   | 1/31/2016  | JUNE 2015           | 4042812 |
| \$21,133     | STOLLER ENTERPRISES                  | NON-CONFIDENTIAL FIELD TRIALS   | LEANDRO, LEONOR F S   | AG EXPERIMENT STATION              | PLANT PATHOLOGY                         | 013853-00001 | Research                   | 6/1/2013   | 10/31/2015 | JUNE 2015           |         |
| \$21,000     | UNIVERSITY OF NORTHERN IOWA          | EXTENSION SUPPORT FOR THE IOWA SPACE GRANT CONSORTIUM   | STAKER, JAY WILLIAM   | UNIVERSITY & COOPERATIVE EXTENSION | EXTENSION TO YOUTH & 4H                 | 006658-00001 | Public Service             | 5/17/2012  | 5/16/2016  | JUNE 2015           | 4753002 |
| \$20,000     | UNIVERSITY OF MICHIGAN               | BETWEEN AND WITHIN FAMILY VARIATION IN PARENTAL FINANCIAL SUPPORT FOR ADULT CHILDREN ACROSS THREE GENERATIONS | KARRAKER, AMELIA      | COLLEGE OF HUMAN SCIENCES          | HUMAN DEVELOPMENT & FAMILY STUDIES      | 013905-00001 | Research                   | 4/1/2015   | 11/30/2015 | JUNE 2015           | 4042833 |
| \$20,000     | IOWA PORK PRODUCERS ASSOCIATION      | IMMUNE RESPONSE, REPRODUCTIVE PERFORMANCE, AND GENETICS OF SOWS DURING A PRRS OUTBREAK                        | DEKKERS, JACK C       | AG EXPERIMENT STATION              | ANIMAL SCIENCE                          | 013913-00001 | Research                   | 6/1/2015   | 5/31/2016  | JUNE 2015           | 4524007 |
| \$18,700     | IOWA VETERINARY                      | WHY CAN'T WE IDENTIFY A   | O'CONNOR,             | COLLEGE OF                         | VET DIAGNOSTIC &                        | 013844-00001 | Research                   | 6/1/2015   | 5/31/2016  | JUNE                | 4006327 |

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Month: Jun

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|              | MEDICAL ASSOCIATION                              | CAUSAL ASSOCIATION BETWEEN M BOVOULI AND PINKEYE IN CALVES?  | ANNETTE M               | VETERINARY MEDICINE       | PRODUCTION ANIMAL MED              |              |                |            |            | 2015                |         |
| \$17,500     | AMERICAN POP CORN COMPANY                        | PFP CONSORTIUM MEMBERSHIP AMERICAN POP CORN 2015 MEMBERSHIP  | VORST, KEITH            | AG EXPERIMENT STATION     | FOOD SCIENCE & HUMAN NUTRITION     | 013911-00001 | Research       | 1/1/2015   | 12/31/2015 | JUNE 2015           |         |
| \$17,500     | DSM ENGINEERING PLASTICS INC                     | PFP CONSORTIUM MEMBERSHIP: DSM ENGINEERING PLASTICS INC 2015 MEMBERSHIP                                      | VORST, KEITH            | AG EXPERIMENT STATION     | FOOD SCIENCE & HUMAN NUTRITION     | 013992-00001 | Research       | 10/1/2014  | 10/1/2015  | JUNE 2015           |         |
| \$16,165     | UNIVERSITY OF SOUTHERN MISSISSIPPI               | EXPLORING INNOVATIVE MARKETING STRATEGIES AND DELIVERY MODELS USED IN EFFECTIVE SUMMER FOOD SERVICE PROGRAMS | WOHLSDORF-ARENDT, SUSAN | COLLEGE OF HUMAN SCIENCES | APPAREL, EVENTS & HOSPITALITY MGMT | 013830-00001 | Research       | 4/1/2015   | 3/31/2016  | JUNE 2015           | 4042832 |
| \$15,820     | UNIVERSITY OF DAYTON RESEARCH INSTITUTE          | VALIDATION OF VIBRATION MODELS FOR MULTI-CRYSTALLINE SYSTEMS   | HOLLAND, STEPHEN D      | COLLEGE OF ENGINEERING    | CENTER FOR NON-DESTRUCT EVALUATION | 013860-00001 | Research       | 5/1/2015   | 12/31/2015 | JUNE 2015           | 4042525 |
| \$15,799     | NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION | ADVANCED ENTRY GUIDANCE ALGORITHM TESTING  | LU, PING                | COLLEGE OF ENGINEERING    | AEROSPACE ENGINEERING              | 010640-00001 | Research       | 6/15/2013  | 12/31/2015 | JUNE 2015           | 4222012 |
| \$15,032     | USDA-AGRICULTURAL RESEARCH SERVICES (ARS)        | ACQUISITION OF GOODS AND SERVICES  | BEERMANN, DONALD H      | AG EXPERIMENT STATION     | ANIMAL SCIENCE                     | 013057-00001 | Public Service | 10/1/2014  | 9/30/2015  | JUNE 2015           | 4194522 |
| \$15,000     | EVOLVE GOLF INC                                  | CB2 EVOLVE GOLF MEMBERSHIP   | GREWELL, DAVID          | AG EXPERIMENT STATION     | CENTER FOR CROPS UTILIZATION       | 013866-00001 | Research       | 5/8/2015   | 11/30/2016 | JUNE 2015           |         |
| \$15,000     | MINNESOTA CORN GROWERS ASSOCIATION               | CB2: MINNESOTA CORN RESEARCH AND PROMOTION COUNCIL MEMBERSHIP  | GREWELL, DAVID          | AG EXPERIMENT STATION     | CENTER FOR CROPS UTILIZATION       | 013882-00001 | Public Service | 12/1/2015  | 11/30/2016 | JUNE 2015           |         |
| \$14,145     | HELIAE DEVELOPMENT LLC                           | ALGAE BIOSTIMULANT RESEARCH  | CHRISTIANS, NICK E      | AG EXPERIMENT STATION     | HORTICULTURE                       | 013875-00001 | Research       | 6/4/2015   | 6/5/2016   | JUNE 2015           | 4004391 |
| \$13,915     | BAYER CROPS SCIENCE                              | EVALUATION OF BAYER CROP SCIENCE SCN MANAGEMENT  | TYLKA, GREGORY L        | AG EXPERIMENT             | PLANT PATHOLOGY                    | 013852-00001 | Research       | 5/1/2015   | 12/31/2016 | JUNE 2015           | 4004390 |

**II. Gifts, Grants, Contracts, and Memoranda of Agreement**

Calendar Year: 2015  
Month: Jun

Award Count: 144  
Award Total: \$149,884,351

| Award Amount | Sponsor                                    | Award Title  | PI                  | Lead Org Unit                      | Lead Org Dept                          | Award Number | Activity Type              | Start Date | End Date   | Award Register Date | Account |
|--------------|--|--|---------------------|------------------------------------|--|--------------|----------------------------|------------|------------|---------------------|---------|
|              |  | TECHNOLOGIES   |                     | STATION                            |  |              |                            |            |            |                     |         |
| \$12,390     | USDA-FOREST SERVICE (FS)                   | EVALUATING DIFFERENCES IN WATER-USE EFFICIENCY OF HYBRID POPLARS USING STABLE ISOTOPE RATIOS                                 | HALL, RICHARD BRIAN | AG EXPERIMENT STATION              | NATURAL RESOURCE ECOLOGY & MGMT        | 012625-00001 | Research                   | 9/15/2014  | 12/31/2017 | JUNE 2015           | 4124020 |
| \$12,000     | CENTER FOR RESEARCH LIBRARIES              | IOWA STATE UNIVERSITY EXPERIMENT STATION PUBLICATIONS (1903-1988) DIGITIZATION PROJECT                                       | SEO, HILARY         | LIBRARY                            | LIBRARY                                | 013895-00001 | Public Service             | 6/1/2015   | 5/31/2017  | JUNE 2015           | 4000901 |
| \$11,500     | MONSANTO COMPANY                           | PROTOCOL # 2015-01-24-01   | OWEN, MICHEAL D     | AG EXPERIMENT STATION              | AGRONOMY                               | 013873-00001 | Public Service             | 5/1/2015   | 4/30/2016  | JUNE 2015           |         |
| \$10,000     | USDA- AGRICULTURAL RESEARCH SERVICES (ARS) | METAGENOMIC SEQUENCING OF DIGITAL DERMATITIS LESIONS   | PLUMMER, PAUL J     | COLLEGE OF VETERINARY MEDICINE     | VET DIAGNOSTIC & PRODUCTION ANIMAL MED | 013949-00001 | Research                   | 5/15/2015  | 4/30/2016  | JUNE 2015           | 4192309 |
| \$10,000     | SYNGENTA CROP PROTECTION LLC               | NEMATICIDE PROFILING AGAINST CYST NEMATODES SOYBEAN  | TYLKA, GREGORY L    | AG EXPERIMENT STATION              | PLANT PATHOLOGY                        | 013985-00001 | Research                   | 3/1/2015   | 9/1/2016   | JUNE 2015           | 4004421 |
| \$9,967      | IOWA DEPARTMENT OF TRANSPORTATION          | QUANTIFYING ROAD ROUGHNESS FROM TERRESTRIAL LASER SCANNING, HR-3001  | WHITE, DAVID J      | VP FOR RESEARCH                    | INST FOR TRANSPORTATION (INTRANS)      | 013981-00001 | Research                   | 6/15/2015  | 10/31/2015 | JUNE 2015           | 4747767 |
| \$8,343      | ED-US DEPARTMENT OF EDUCATION              | TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION (TEACH) GRANT, FY15  | JOHNSON, ROBERTA L  | VICE PRESIDENT FOR STUDENT AFFAIRS | STUDENT FINANCIAL AID                  | 012178-00001 | Scholarships & Fellowships | 7/1/2014   | 6/30/2015  | JUNE 2015           | 4325752 |
| \$8,000      | NSF-NATIONAL SCIENCE FOUNDATION            | CRII: CPS: A KNOWLEDGE REPRESENTATION AND INFORMATION FUSION FRAMEWORK FOR DECISION MAKING IN COMPLEX CYBER-PHYSICAL SYSTEMS | SARKAR, SOUMIK      | COLLEGE OF ENGINEERING             | MECHANICAL ENGINEERING                 | 013730-00001 | Research                   | 5/15/2015  | 4/30/2017  | JUNE 2015           | 4206294 |
| \$5,000      | USDA- AGRICULTURAL RESEARCH SERVICES (ARS) | ACQUISITION OF GOODS AND SERVICES  | HEATON, EMILY       | AG EXPERIMENT STATION              | AGRONOMY                               | 013867-00001 | Public Service             | 5/1/2015   | 7/31/2015  | JUNE 2015           | 4194535 |
| \$4,863      | SUNSHINE PAPER                             | BIODEGRADABLE PAPER  | NAIR, AJAY          | AG                                 | HORTICULTURE                           | 013879-00001 | Research                   | 6/8/2015   | 12/31/2015 | JUNE                |         |

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| Award Amount | Sponsor  | Award Title   | PI                    | Lead Org Unit                      | Lead Org Dept                       | Award Number | Activity Type              | Start Date | End Date  | Award Register Date | Account |
|--------------|--|---|-----------------------|------------------------------------|-------------------------------------|--------------|----------------------------|------------|-----------|---------------------|---------|
|              | COMPANY LLC                                      | MULCH FOR SWEET POTATO PRODUCTION                           |                       | EXPERIMENT STATION                 |                                     |              |                            |            |           | 2015                |         |
| \$3,226      | IOWA FALLS AREA DEVELOPMENT CORPORATION          | BENEFIT-COST ANALYSIS OF IOWA FALLS/HARDIN COUNTY RAIL PORT | SHARMA, ANUJ          | VP FOR RESEARCH                    | INST FOR TRANSPORTATION (INTRANS)   | 013859-00001 | Research                   | 5/14/2015  | 6/5/2015  | JUNE 2015           | 4007708 |
| \$3,000      | CLINTON COUNTY AGRICULTURAL EXTENSION DISTRICT   | LOCAL SUPPORT FOR RISING STAR INTERNSHIP REGION 16          | SHIPLEY, ANNETTE      | UNIVERSITY & COOPERATIVE EXTENSION | COOPERATIVE EXTENSION FIELD PROGRAM | 013931-00001 | Public Service             | 5/1/2015   | 12/1/2015 | JUNE 2015           | 4003346 |
| \$3,000      | MUSCATINE COUNTY AGRICULTURAL EXTENSION DISTRICT | LOCAL SUPPORT FOR RISING STAR INTERNSHIP REGION 16.         | SHIPLEY, ANNETTE      | UNIVERSITY & COOPERATIVE EXTENSION | COOPERATIVE EXTENSION FIELD PROGRAM | 013932-00001 | Public Service             | 5/1/2015   | 12/1/2015 | JUNE 2015           | 4003347 |
| \$1,200      | IOWA DEPARTMENT OF NATURAL RESOURCES             | MIDWEST MUSTELID TRENDS                                     | KLAVER, ROBERT W      | AG EXPERIMENT STATION              | NATURAL RESOURCE ECOLOGY & MGMT     | 013902-00001 | Research                   | 4/15/2015  | 3/31/2016 | JUNE 2015           | 4734087 |
| \$1,000      | IOWA DEPARTMENT OF EDUCATION                     | FACILITATION TRAINING WORKSHOP                              | HERNANDEZ, JUAN HIMAR | UNIVERSITY & COOPERATIVE EXTENSION | COMMUNITIES-EXTENSION               | 013884-00001 | Public Service             | 6/10/2015  | 6/10/2015 | JUNE 2015           | 4723011 |
| \$650        | VARIOUS FEDERAL                                  | SUMMER 2014 SCHOLARSHIP SUPPORT                             | JOHNSON, ROBERTA L    | VICE PRESIDENT FOR STUDENT AFFAIRS | STUDENT FINANCIAL AID               | 013972-00001 | Scholarships & Fellowships | 5/19/2014  | 8/8/2014  | JUNE 2015           |         |
| \$288        | IOWA DEPARTMENT OF PUBLIC HEALTH                 | I-WALK GPS ASSISTANCE                                       | SEEGER, CHRISTOPHER J | UNIVERSITY & COOPERATIVE EXTENSION | LANDSCAPE ARCHITECTURE              | 012919-00001 | Public Service             | 7/1/2014   | 6/29/2015 | JUNE 2015           | 4783016 |