

Calendar Year: 2020
Month: Apr

Award Count: 119
Award Total: \$48,796,852

| Award Amount | Sponsor | Award Title | PI | Lead Org Unit | Lead Org Dept | Award Number | Activity Type | Start Date | End Date | Award Register Date | Account |
|--------------|---|---|---------------------------|------------------------------------|--|--------------|--------------------------|------------|-----------|---------------------|---------|
| \$10,849,429 | ED-US DEPARTMENT OF EDUCATION | IOWA STATE UNIVERSITY CARES ACT HIGHER EDUCATION EMERGENCY RELIEF FUND | CAIN, PAMELA ELLIOTT | SR VP FOR UNIV SERVICES | SVP FOR UNIV SERVICES | 022261-00001 | Student Financial Aid | 4/21/2020 | 4/20/2021 | APR. 2020 | 022261 |
| \$4,253,783 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | 2020 HATCH FUNDING | ROBISON, DANIEL J | AG EXPERIMENT STATION | AES ADMIN CONTROL | 022267-00001 | Research | 10/1/2019 | 9/30/2021 | APR. 2020 | 022267 |
| \$4,063,416 | DOC-NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY (NIST) | NIST FORENSIC SCIENCE CENTER OF EXCELLENCE | CARRIQUIRY, ALICIA LAURA | VP FOR RESEARCH | CTR FOR STAT & APPL IN FORENSIC EVIDENCE | 022284-00001 | Research | 6/1/2020 | 5/31/2025 | APR. 2020 | 022284 |
| \$3,500,000 | USDA-NATURAL RESOURCES CONSERVATION SERVICE (NRCS) | STATISTICAL AND SURVEY METHODS SUPPORT FOR THE NATIONAL RESOURCE INVENTORY | ZHU, ZHENGYUAN | COLLEGE OF LIBERAL ARTS & SCIENCES | CTR FOR SURVEY STATISTICS & METHODOLOGY | 022185-00001 | Research | 4/1/2020 | 6/30/2023 | APR. 2020 | 022185 |
| \$2,908,153 | VARIOUS ISUF DONORS- INDIVIDUAL | IOWA STATE UNIVERSITY FOUNDATION DONATIONS | WINTERSTEEN, WENDY | PRESIDENT | PRESIDENT | 021053-00001 | Operations & Maintenance | 6/1/2019 | 5/31/2020 | APR. 2020 | |
| \$2,900,000 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | HIGH INTENSITY PHENOTYPING SITES: A MULTI-SCALE, MULTI-MODAL SENSING AND SENSE-MAKING CYBER-ECOSYSTEM FOR GENOMES TO FIELDS | SCHNABLE, PATRICK S | AG EXPERIMENT STATION | AGRONOMY | 022198-00001 | Research | 6/1/2020 | 5/31/2023 | APR. 2020 | 022198 |
| \$2,596,191 | VARIOUS ISUF DONORS- INDIVIDUAL | IOWA STATE UNIVERSITY FOUNDATION DONATIONS | WINTERSTEEN, WENDY | PRESIDENT | PRESIDENT | 021056-00001 | Institutional Support | 6/1/2019 | 5/31/2020 | APR. 2020 | |
| \$2,120,743 | DOC-NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY (NIST) | IOWA CENTER FOR INDUSTRIAL RESEARCH AND SERVICE MEP CENTER | O'DONNELL, MICHAEL ROBERT | COLLEGE OF ENGINEERING | CENTER FOR INDUSTRIAL RESEARCH & SERVICE | 016727-00001 | Public Service | 4/1/2017 | 3/31/2022 | APR. 2020 | 4263522 |

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| \$1,805,500 | VARIOUS ISUF DONORS-NONPROFIT | IOWA STATE UNIVERSITY FOUNDATION DONATIONS | WINTERSTEEN, WENDY | PRESIDENT | PRESIDENT | 021063-00001 | Operations & Maintenance | 6/1/2019 | 5/31/2020 | APR. 2020 | |
| \$729,483 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM - IOWA 2020 | HRADEK, CHRISTINE ANN | UNIVERSITY & COOPERATIVE EXTENSION | HUMAN SCIENCES EXTENSION AND OUTREACH | 021448-00001 | Public Service | 10/1/2019 | 9/30/2024 | APR. 2020 | 021448 |
| \$727,375 | VARIOUS ISUF DONORS-INDUSTRY/CORPORATE | IOWA STATE UNIVERSITY FOUNDATION DONATIONS | WINTERSTEEN, WENDY | PRESIDENT | PRESIDENT | 021061-00001 | Institutional Support | 6/1/2019 | 5/31/2020 | APR. 2020 | |
| \$681,680 | VARIOUS ISUF DONORS-INDIVIDUAL | IOWA STATE UNIVERSITY FOUNDATION DONATIONS | WINTERSTEEN, WENDY | PRESIDENT | PRESIDENT | 021052-00001 | Scholarships & Fellowships | 6/1/2019 | 5/31/2020 | APR. 2020 | |
| \$641,884 | NIH-NATIONAL INSTITUTE OF ALLERGY & INFECTIOUS DISEASES (NIAID) | EMERGING MULTIDRUG RESISTANCE MECHANISMS IN CAMPYLOBACTER | ZHANG, QIJING | COLLEGE OF VETERINARY MEDICINE | VETERINARY MICROBIOLOGY & PREV MEDICINE | 022273-00001 | Research | 3/17/2020 | 2/28/2021 | APR. 2020 | 022273 |
| \$588,223 | NIH-NATIONAL INSTITUTE OF ALLERGY & INFECTIOUS DISEASES (NIAID) | DISSECTING THE STRUCTURE, FUNCTION AND MECHANISMS OF DIVERSE PROTEIN-BASED METABOLIC ORGANELLES IN BACTERIA | BOBIK, THOMAS A | AG EXPERIMENT STATION | BIOCHEMISTRY & BIOPHYSICS | 017539-00001 | Research | 5/1/2017 | 4/30/2021 | APR. 2020 | 4304016 |
| \$500,000 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | PREVENTING THE DESTRUCTION OF SIX BILLION ANIMALS ANNUALLY USING NON-INVASIVE, IN OVO SEX DETECTION IN FERTILE LAYER EGGS | LAMONT, SUSAN J | AG EXPERIMENT STATION | ANIMAL SCIENCE | 022279-00001 | Research | 7/1/2020 | 6/30/2022 | APR. 2020 | 022279 |
| \$499,644 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE | RESIDUE MANAGEMENT TO MAXIMIZE CROP PRODUCTION AND ENVIRONMENTAL | ARCHONTOULIS, SOTIRIOS | AG EXPERIMENT STATION | AGRONOMY | 022173-00001 | Research | 5/1/2020 | 4/30/2023 | APR. 2020 | 022173 |

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|--------------|--|---|---------------------------|------------------------------------|-----------------------------------|--------------|------------------|------------|------------|---------------------|---------|
| | (NIFA) | PERFORMANCE: A SYSTEMS APPROACH | | | | | | | | | |
| \$461,975 | DOE-ADVANCED RESEARCH PROJECTS AGENCY-ENERGY (ARPA-E) | CONTEXT-AWARE LEARNING FOR INVERSE DESIGN IN PHOTOVOLTAICS | GANAPATHYSUBRAMANIAN, BAS | COLLEGE OF ENGINEERING | MECHANICAL ENGINEERING | 022218-00001 | Research | 4/8/2020 | 1/7/2021 | APR. 2020 | 022218 |
| \$390,903 | NSF-NATIONAL SCIENCE FOUNDATION | STUDIES OF NEUROSPHERES AND DISEASED NEUROSPHERES ON CHIP UNDER MAGNETIC FIELD STIMULATION AND DRUG TREATMENT | QUE, LONG | COLLEGE OF ENGINEERING | MICROELECTRONICS RESEARCH CENTER | 022219-00001 | Research | 8/15/2020 | 7/31/2023 | APR. 2020 | 022219 |
| \$390,000 | DOE-US DEPARTMENT OF ENERGY | INTERMEDIATE/HIGH ENERGY NUCLEAR PHYSICS | VARY, JAMES P | COLLEGE OF LIBERAL ARTS & SCIENCES | PHYSICS & ASTRONOMY | 004879-00001 | Research | 6/15/1987 | 6/14/2021 | APR. 2020 | 4012105 |
| \$363,544 | BROOKHAVEN SCIENCE ASSOCIATES-BROOKHAVEN NATIONAL LABORATORY | SPHENIX HADRON CALORIMETER DETECTOR UPGRADE AT RHIC IN FY20/21 | LAJOIE, JOHN G | COLLEGE OF LIBERAL ARTS & SCIENCES | PHYSICS & ASTRONOMY | 022265-00001 | Research | 4/23/2020 | 3/31/2021 | APR. 2020 | 022265 |
| \$347,362 | IOWA DEPARTMENT OF TRANSPORTATION | PAVEMENT MANAGEMENT SUPPORT FOR THE IOWA DOT AND LOCAL AGENCIES | SMADI, OMAR G | VP FOR RESEARCH | INST FOR TRANSPORTATION (INTRANS) | 018840-00001 | Research | 1/1/2018 | 12/31/2020 | APR. 2020 | 4748063 |
| \$325,000 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | COMBINING ADVANCED SPRAY TECHNOLOGY WITH IPM TACTICS TO SUSTAIN APPLE PRODUCTION | GLEASON, MARK L | AG EXPERIMENT STATION | PLANT PATHOLOGY | 021689-00001 | Research | 9/1/2019 | 8/31/2022 | APR. 2020 | 021689 |
| \$320,928 | VARIOUS ISUF DONORS-INDIVIDUAL | IOWA STATE UNIVERSITY FOUNDATION DONATIONS | WINTERSTEEN, WENDY | PRESIDENT | PRESIDENT | 021054-00001 | Academic Support | 6/1/2019 | 5/31/2020 | APR. 2020 | |
| \$315,896 | NSF-NATIONAL SCIENCE FOUNDATION | NONLINEAR DYNAMICS OF DAILY-WEEKLY BOREAL SPRING | GONZALEZ, ALEX | COLLEGE OF LIBERAL ARTS & SCIENCES | GEOLOGICAL & ATMOSPHERIC SCIENCES | 022205-00001 | Research | 5/1/2020 | 4/30/2023 | APR. 2020 | 022205 |

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| | | INTERTROPICAL CONVERGENCE ZONE (ITCZ) SHIFTS OVER THE EASTERN PACIFIC OCEAN | | | | | | | | | |
| \$304,646 | DOT-FEDERAL HIGHWAY ADMINISTRATION (FHWA) | ADVANCING CONCRETE PAVEMENT TECHNOLOGY SOLUTIONS | TAYLOR, PETER C | VP FOR RESEARCH | INST FOR TRANSPORTATION (INTRANS) | 019859-00001 | Research | 11/7/2018 | 11/6/2023 | APR. 2020 | 4361757 |
| \$280,905 | NSF-NATIONAL SCIENCE FOUNDATION | IPA ASSIGNMENT FOR BASIL J. NIKOLAU | NIKOLAU, BASIL J | VP FOR RESEARCH | CTR FOR METABOLIC BIOLOGY | 018970-00001 | Public Service | 5/14/2018 | 5/13/2021 | APR. 2020 | 4201794 |
| \$275,000 | VARIOUS ISUF DONORS-NONPROFIT | IOWA STATE UNIVERSITY FOUNDATION DONATIONS | WINTERSTEEN, WENDY | PRESIDENT | PRESIDENT | 021065-00001 | Research | 6/1/2019 | 5/31/2020 | APR. 2020 | |
| \$252,200 | IOWA DEPARTMENT OF PUBLIC HEALTH | ADVANCING SUBSTANCE USE RECOVERY IN IOWA | DORIUS, SHAWN FLETCHER | AG EXPERIMENT STATION | SOCIOLOGY | 022090-00001 | Public Service | 1/10/2020 | 9/29/2020 | APR. 2020 | 022090 |
| \$250,000 | DOD-OFFICE OF NAVAL RESEARCH (ONR) | ADVANCING PREDICTIVE STRATEGIES FOR WALL-BOUNDED TURBULENCE BY FUNDAMENTAL STUDIES AND DATA-DRIVEN MODELING | DURBIN, PAUL | COLLEGE OF ENGINEERING | AEROSPACE ENGINEERING | 016717-00001 | Research | 2/1/2017 | 1/31/2021 | APR. 2020 | 4212021 |
| \$250,000 | DOD-DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA) | DECOUPLED REAL-TIME PROGRAM EXECUTION STATE MONITORING | TYAGI, AKHILESH | COLLEGE OF ENGINEERING | ELECTRICAL ENGINEERING & COMPUTER ENGR | 022224-00001 | Research | 4/10/2020 | 12/15/2020 | APR. 2020 | 022224 |
| \$235,000 | TEXAS RESEARCH INSTITUTE AUSTIN INC | ACCURATE AND FIELD-DEPLOYABLE MICROWAVE NONDESTRUCTIVE EVALUATION OF ABLATIVES - PHASE II | ZOUGHFI, REZA | COLLEGE OF ENGINEERING | CENTER FOR NON-DESTRUCT EVALUATION | 022207-00001 | Research | 1/1/2020 | 12/31/2021 | APR. 2020 | 022207 |
| \$216,858 | DOT-FEDERAL HIGHWAY ADMINISTRATION | GUIDE FOR STANDARDIZED MODULAR | DAHLBERG, JUSTIN MICHAEL | VP FOR RESEARCH | INST FOR TRANSPORTATION (INTRANS) | 022251-00001 | Research | 4/1/2020 | 9/30/2022 | APR. 2020 | 022251 |

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| | (FHWA) | ORTHOTROPIC STEEL DECK | | | | | | | | | |
| \$199,573 | IOWA DEPARTMENT OF TRANSPORTATION | ASSESSMENT, REPAIR AND REPLACEMENT OF BRIDGES EXPOSED TO FIRE DAMAGE | DAHLBERG, JUSTIN MICHAEL | VP FOR RESEARCH | INST FOR TRANSPORTATION (INTRANS) | 022222-00001 | Research | 3/1/2020 | 3/31/2022 | APR. 2020 | 022222 |
| \$186,000 | FLORIDA INTERNATIONAL UNIVERSITY | UNIVERSITY TRANSPORTATION CENTER FOR ACCELERATED BRIDGE CONSTRUCTION | PHARES, BRENT M | VP FOR RESEARCH | INST FOR TRANSPORTATION (INTRANS) | 018724-00001 | Research | 1/1/2018 | 3/31/2021 | APR. 2020 | 4047790 |
| \$184,559 | NIH-NATIONAL INSTITUTE OF ALLERGY & INFECTIOUS DISEASES (NIAID) | DIETHYLCARBAMAZINE, EMODEPSIDE AND SLO-1 K CHANNEL OF FILARIA | MARTIN, RICHARD J | VP FOR RESEARCH | ICAN (IA CTR FOR ADV NEUROTOX) | 020702-00001 | Research | 5/16/2019 | 4/30/2021 | APR. 2020 | 4301742 |
| \$167,188 | IOWA GOVERNOR'S OFFICE OF DRUG CONTROL POLICY | ACTV FOR PRISONS: IMPLEMENTATION AND SUSTAINABILITY | ZARLING, AMIE NICHOLE | COLLEGE OF HUMAN SCIENCES | HUMAN DEVELOPMENT & FAMILY STUDIES | 022043-00001 | Research | 12/16/2019 | 10/31/2020 | APR. 2020 | 022043 |
| \$155,233 | NUTRECO | EFFECTS OF FAT-EMBEDDED CALCIUM GLUCONATE SUPPLEMENTATION ON INFLAMMATORY BIOMARKERS AND INTESTINAL BARRIER FUNCTION FOLLOWING 6 D OF FEED RESTRICTION | BAUMGARD, LANCE HALL | AG EXPERIMENT STATION | ANIMAL SCIENCE | 022177-00001 | Research | 6/21/2019 | 4/30/2020 | APR. 2020 | 022177 |
| \$150,000 | WORLD BANK | ROAD SAFETY CALCULATOR IMPROVEMENT AND EXPANSION | HALLMARK, SHAUNA L | VP FOR RESEARCH | INST FOR TRANSPORTATION (INTRANS) | 022186-00001 | Research | 12/2/2019 | 9/30/2020 | APR. 2020 | 022186 |
| \$133,067 | BIOMIN GMBH | EFFECTS OF MYCOFIX ON METABOLISM, INFLAMMATION AND PRODUCTION IN HEAT-STRESSED COWS | BAUMGARD, LANCE HALL | AG EXPERIMENT STATION | ANIMAL SCIENCE | 022176-00001 | Research | 4/1/2020 | 9/30/2021 | APR. 2020 | 022176 |
| \$123,049 | STINE SEED COMPANY | PREDICTION OF HYBRID PERFORMANCE | LAMKEY, KENDALL RAYE | AG EXPERIMENT | AGRONOMY | 018951-00001 | Research | 6/1/2018 | 5/31/2021 | APR. 2020 | 4004690 |

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| | | AND NEW HYBRID COMBINATIONS | | STATION | | | | | | | |
| \$110,000 | USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS) | NAHMS 2020 SWINE ORAL FLUIDS COLLECTION | MAIN, RODGER GARY | COLLEGE OF VETERINARY MEDICINE | VET DIAGNOSTIC & PRODUCTION ANIMAL MED | 022260-00001 | Research | 9/21/2020 | 9/20/2021 | APR. 2020 | 022260 |
| \$106,235 | VARIOUS ISUF DONORS-INDUSTRY/CORPORATE | IOWA STATE UNIVERSITY FOUNDATION DONATIONS | WINTERSTEEN, WENDY | PRESIDENT | PRESIDENT | 021057-00001 | Scholarships & Fellowships | 6/1/2019 | 5/31/2020 | APR. 2020 | |
| \$102,884 | ED-US DEPARTMENT OF EDUCATION | PELL GRANT, FY20 | JOHNSON, ROBERTA L | VICE PRESIDENT FOR STUDENT AFFAIRS | STUDENT FINANCIAL AID | 021580-00001 | Student Financial Aid | 7/1/2019 | 6/30/2020 | APR. 2020 | |
| \$101,993 | NATIONAL PORK BOARD | NUTRITIONAL APPROACHES TO MINIMIZE HEAT STRESS IN LACTATING AND GESTATING SOWS | GREINER, LAURA LEE | AG EXPERIMENT STATION | ANIMAL SCIENCE | 022255-00001 | Scholarships & Fellowships | 5/1/2020 | 5/1/2022 | APR. 2020 | 022255 |
| \$101,000 | DOD-OFFICE OF NAVAL RESEARCH (ONR) | THREE DIMENSIONAL PRINTED SCAFFOLDS FOR UNDERSTANDING EFFECT OF CAVITATION ON BLOOD BRAIN BARRIER | HASHEMI, NICOLE NASTARAN | COLLEGE OF ENGINEERING | MECHANICAL ENGINEERING | 017297-00001 | Research | 7/1/2017 | 9/30/2021 | APR. 2020 | 4212064 |
| \$100,000 | AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING INC | EXPANDING EDUCATIONAL OPPORTUNITIES FOR NONDESTRUCTIVE TESTING TECHNICIANS | ZOUGH, REZA | COLLEGE OF ENGINEERING | CENTER FOR NON-DESTRUCT EVALUATION | 022286-00001 | Institutional Support | 4/1/2020 | 6/30/2021 | APR. 2020 | 022286 |
| \$99,906 | PENNSYLVANIA STATE UNIVERSITY | AN ADOPTION STUDY OF THE DEVELOPMENT OF EARLY SUBSTANCE USE: THE JOINT ROLES OF GENETIC INFLUENCES, PRENATAL RISK, REARING ENVIRONMENT, AND PUBERTAL MATURATION | SHIRTCLIFF, ELIZABETH | COLLEGE OF HUMAN SCIENCES | HUMAN DEVELOPMENT & FAMILY STUDIES | 019255-00001 | Research | 4/1/2018 | 1/31/2021 | APR. 2020 | 4042884 |

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| \$98,233 | NSF-NATIONAL SCIENCE FOUNDATION | LEAP HI GOALI: ENGINEERING CROPS FOR GENETIC ADAPTATION TO CHANGING ENVIRONMENTS | WANG, LIZHI | COLLEGE OF ENGINEERING | INDUSTRIAL & MANUFACTURING SYSTEMS ENGR | 019494-00001 | Research | 9/1/2018 | 2/29/2024 | APR. 2020 | 4207026 |
| \$92,570 | MICHIGAN STATE UNIVERSITY | AFLATOXIN REDUCED BY BT CORN EXAMINING CROP INSURANCE CLAIMS FOR REAL WORLD IMPACTS OF TECHNOLOGIES FOR FOOD SAFETY | MUNKVOLD, GARY PHILLIP | AG EXPERIMENT STATION | PLANT PATHOLOGY | 022188-00001 | Research | 4/5/2020 | 4/4/2023 | APR. 2020 | 022188 |
| \$87,896 | NATIONAL FISH & WILDLIFE FOUNDATION | ASSESSMENT OF AVIAN NEST SURVIVAL: DOES HUMAN DISTURBANCE BIAS OUR ESTIMATES | DINSMORE, STEPHEN J | AG EXPERIMENT STATION | NATURAL RESOURCE ECOLOGY & MGMT | 022211-00001 | Research | 5/1/2020 | 7/29/2021 | APR. 2020 | 022211 |
| \$85,000 | DEERE & COMPANY | TECHNICAL EVALUATION: SOIL PROPERTIES MEASUREMENT, PHASE 2 | DARR, MATTHEW JOHN | AG EXPERIMENT STATION | BIOCENTURY RESEARCH FARM | 022243-00001 | Research | 3/15/2020 | 12/31/2020 | APR. 2020 | 022243 |
| \$79,159 | UNIVERSITY OF MINNESOTA TWIN CITIES | TRAINING EXTENSION PROFESSIONALS, HIGH SCHOOL EDUCATORS, AND LOCAL FOOD COORDINATORS ON BASIC AND ADVANCED ASPECTS OF SUSTAINABLE VEGETABLE PRODUCTION | NAIR, AJAY | UNIVERSITY & COOPERATIVE EXTENSION | HORTICULTURE | 022161-00001 | Public Service | 1/1/2020 | 12/31/2021 | APR. 2020 | 022161 |
| \$79,115 | LAWRENCE LIVERMORE NATIONAL SECURITY LLC- LAWRENCE LIVERMORE NATIONAL LABORATORY | LAPPDS AND DATA ACQUISITION SYSTEMS FOR FAR FIELD RESEARCH AND DEVELOPMENT | WETSTEIN, MATTHEW J | COLLEGE OF LIBERAL ARTS & SCIENCES | PHYSICS & ASTRONOMY | 022285-00001 | Research | 4/23/2020 | 9/30/2020 | APR. 2020 | 022285 |
| \$76,965 | UNIVERSITY OF FOUNDATIONS FOR | | LUBBERSTEDT, THOMAS | AG | AGRONOMY | 020920-00001 | Research | 11/1/2018 | 10/31/2020 | APR. | 020920 |

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| | ILLINOIS URBANA CHAMPAIGN | SOYBEAN IN AFRICA (SIL 2.0) | | EXPERIMENT STATION | | | | | | 2020 | |
| \$70,000 | DEERE & COMPANY | TECHNICAL EVALUATION: TILLAGE JOB QUALITY BENCHMARKING LARGE GRAIN PRODUCTION SYSTEMS, PHASE 3 | DARR, MATTHEW JOHN | AG EXPERIMENT STATION | BIOCENTURY RESEARCH FARM | 022246-00001 | Research | 3/1/2020 | 10/31/2020 | APR. 2020 | 022246 |
| \$65,000 | SA PHOTONICS | BROADBAND LASER DIAGNOSTIC PROBE FOR DETONATION ENVIRONMENTS | MICHAEL, JAMES BENNETT | COLLEGE OF ENGINEERING | CTR FOR MULTIPHASE FLOW RES & EDUC | 022190-00001 | Research | 1/1/2020 | 7/29/2020 | APR. 2020 | 022190 |
| \$64,988 | BAYER ANIMAL HEALTH GMBH | DEVELOPING PROTOCOLS FOR ION-CHANNEL RECORDINGS FROM THIRD STAGE FILARIAL LARVAE | VERMA, SAURABH | COLLEGE OF VETERINARY MEDICINE | BIOMEDICAL SCIENCES | 022178-00001 | Research | 3/27/2020 | 10/1/2020 | APR. 2020 | 022178 |
| \$62,500 | BASF CORPORATION | COSTSHARE FOR FFAR ACCELERATED DEVELOPMENT OF CROPS OF THE FUTURE | LUBBERSTEDT, THOMAS | AG EXPERIMENT STATION | AGRONOMY | 022217-00001 | Research | 1/1/2020 | 12/31/2024 | APR. 2020 | 022217 |
| \$62,500 | SAATEN-UNION BIOTEC GMBH | COSTSHARE FOR FFAR ACCELERATED DEVELOPMENT OF CROPS OF THE FUTURE | LUBBERSTEDT, THOMAS | AG EXPERIMENT STATION | AGRONOMY | 022220-00001 | Research | 1/1/2020 | 12/31/2024 | APR. 2020 | 022220 |
| \$62,500 | KWS SAAT SE | COSTSHARE FOR FFAR ACCELERATED DEVELOPMENT OF CROPS OF THE FUTURE | LUBBERSTEDT, THOMAS | AG EXPERIMENT STATION | AGRONOMY | 022221-00001 | Research | 1/1/2020 | 12/31/2024 | APR. 2020 | 022221 |
| \$62,500 | BECK'S HYBRIDS | COSTSHARE FOR FFAR ACCELERATED DEVELOPMENT OF CROPS OF THE FUTURE | LUBBERSTEDT, THOMAS | AG EXPERIMENT STATION | AGRONOMY | 022225-00001 | Research | 1/1/2020 | 12/31/2024 | APR. 2020 | 022225 |
| \$60,000 | NATIONAL PORK BOARD | TRAINING THE NEXT GENERATION OF ANIMAL SCIENTISTS WITH AN EMPHASIS ON ANIMAL WELFARE, PRODUCTION SYSTEMS AND STATISTICS | STALDER, KENNETH J | AG EXPERIMENT STATION | ANIMAL SCIENCE | 022256-00001 | Scholarships & Fellowships | 5/1/2020 | 5/1/2022 | APR. 2020 | 022256 |

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| \$59,988 | USDA- AGRICULTURAL RESEARCH SERVICES (ARS) | GAINING INSIGHTS ON ADAPTATION AND USEFUL TRAITS ASSOCIATED WITH GEM GERMPASM | YU, JIANMING | AG EXPERIMENT STATION | AGRONOMY | 021295-00001 | Research | 8/1/2019 | 7/31/2021 | APR. 2020 | 021295 |
| \$58,010 | NSF-NATIONAL SCIENCE FOUNDATION | CAREER: INVESTIGATION OF ENVIRONMENTALLY- SENSITIVE PHOTOREACTIONS | VANVELLER, BRETT | COLLEGE OF LIBERAL ARTS & SCIENCES | CENTER FOR CATALYSIS | 020662-00001 | Research | 6/1/2019 | 5/31/2024 | APR. 2020 | 4200456 |
| \$56,350 | BASF CORPORATION | FIELD TRIALS FOR BASF | GASSMANN, AARON JOHN | AG EXPERIMENT STATION | ENTOMOLOGY | 022253-00001 | Research | 3/15/2020 | 12/31/2020 | APR. 2020 | 022253 |
| \$54,170 | USDA- AGRICULTURAL RESEARCH SERVICES (ARS) | TOOLS AND RESOURCES TO EXPLORE MAIZE MULTI-OMICS DATA | WALLEY, JUSTIN WILLIAM | AG EXPERIMENT STATION | PLANT PATHOLOGY | 022172-00001 | Research | 2/1/2020 | 1/31/2021 | APR. 2020 | 022172 |
| \$50,000 | IOWA DEPARTMENT OF NATURAL RESOURCES | IOWA LEARNING FARMS CONSERVATION STATION: INCREASING WETLANDS AND OXBOWS IN IOWA THROUGH EDUCATION AND OUTREACH | COMITO, JACQUELINE M | UNIVERSITY & COOPERATIVE EXTENSION | AG & BIOSYSTEMS ENGINEERING | 022229-00001 | Public Service | 4/10/2020 | 12/31/2021 | APR. 2020 | 022229 |
| \$50,000 | DOD-OFFICE OF NAVAL RESEARCH (ONR) | WEARABLE GRAPHENE- BASED STRESS BIOSENSOR DEVELOPMENT WITH COMMUNITY COLLEGE AND HIGH SCHOOL STUDENTS | CLAUSSEN, JONATHAN | VP FOR RESEARCH | VIRTUAL REALITY APPLICATIONS CENTER | 022278-00001 | Research | 5/1/2020 | 4/30/2021 | APR. 2020 | 022278 |
| \$48,195 | UNIVERSITY OF TEXAS AUSTIN | SYNTHETIC BIOLOGY FOR CONTROLLED RELEASE | KANTHASAMY, ANUMANTHA G | VP FOR RESEARCH | ICAN (IA CTR FOR ADV NEUROTOX) | 021549-00001 | Research | 5/4/2019 | 1/31/2021 | APR. 2020 | 021549 |
| \$46,500 | IOWA DEPARTMENT OF TRANSPORTATION | MIDWEST SMART WORK ZONE DEPLOYMENT INITIATIVE 2020 | KNAPP, KEITH K | VP FOR RESEARCH | INST FOR TRANSPORTATION (INTRANS) | 022214-00001 | Research | 1/1/2020 | 12/31/2020 | APR. 2020 | 022214 |
| \$46,172 | MICHIGAN STATE UNIVERSITY | BRIDGING THE GAP BETWEEN ACADEMIA AND INDUSTRY IN | AHN, BENJAMIN | COLLEGE OF ENGINEERING | AEROSPACE ENGINEERING | 022174-00001 | Research | 8/16/2019 | 7/31/2020 | APR. 2020 | 022174 |

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|--------------|--|---|----------------------|------------------------------------|---|--------------|----------------------------|------------|------------|---------------------|---------|
| | | APPROACHES FOR SOLVING COMPLEX, ILL-STRUCTURED PROBLEMS | | | | | | | | | |
| \$45,953 | NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION | ADAPTIVE STRESS TRAINING FOR HAZARDOUS CONDITIONS | DORNEICH, MICHAEL | COLLEGE OF ENGINEERING | INDUSTRIAL & MANUFACTURING SYSTEMS ENGR | 019999-00001 | Research | 10/1/2018 | 8/31/2020 | APR. 2020 | 4222075 |
| \$43,974 | VARIOUS ISUF DONORS- NONPROFIT | IOWA STATE UNIVERSITY FOUNDATION DONATIONS | WINTERSTEEN, WENDY | PRESIDENT | PRESIDENT | 021062-00001 | Scholarships & Fellowships | 6/1/2019 | 5/31/2020 | APR. 2020 | |
| \$43,375 | VARIOUS ISUF DONORS- INDUSTRY/ CORPORATE | IOWA STATE UNIVERSITY FOUNDATION DONATIONS | WINTERSTEEN, WENDY | PRESIDENT | PRESIDENT | 021060-00001 | Research | 6/1/2019 | 5/31/2020 | APR. 2020 | |
| \$43,133 | OHIO UNIVERSITY | DESIGN OF MICRO-SURFACING AND CHIP SEALING MIXES WITH RAP FOR LOCAL ROADWAY APPLICATIONS | BUSS, ASHLEY FAYE | VP FOR RESEARCH | INST FOR TRANSPORTATION (INTRANS) | 022242-00001 | Research | 2/18/2020 | 2/18/2022 | APR. 2020 | 022242 |
| \$42,581 | NSF-NATIONAL SCIENCE FOUNDATION | GRADUATE RESEARCH WORKSHOPS IN COMBINATORICS | HOGBEN, LESLIE | COLLEGE OF LIBERAL ARTS & SCIENCES | MATHEMATICS | 022181-00001 | Research | 4/1/2020 | 3/31/2023 | APR. 2020 | 022181 |
| \$39,770 | UNIVERSITY OF FLORIDA | FEED THE FUTURE INNOVATION LAB FOR LIVESTOCK SYSTEMS: AFLATOXIN MITIGATION THROUGH EDUCATION, INTERVENTION, AND POLICY IN RWANDAN DAIRY | MAIER, DIRK EBERHARD | AG EXPERIMENT STATION | AG & BIOSYSTEMS ENGINEERING | 021829-00001 | Research | 9/1/2019 | 9/30/2020 | APR. 2020 | 021829 |
| \$34,836 | USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA) | RENEWABLE RESOURCES EXTENSION ACT PROGRAM - IOWA FY 2020 | JANKE, ADAM K | UNIVERSITY & COOPERATIVE EXTENSION | NATURAL RESOURCE ECOLOGY & MGMT | 021561-00001 | Public Service | 10/1/2019 | 9/30/2021 | APR. 2020 | 021561 |
| \$33,181 | STOLLER ENTERPRISES | FIELD TRIALS | ROBERTSON, ALISON E | UNIVERSITY & | PLANT PATHOLOGY | 022227-00001 | Research | 4/1/2020 | 12/31/2020 | APR. 2020 | 022227 |

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|--------------|--|--|---------------------------|------------------------------------|--|--------------|-----------------------|------------|-----------|---------------------|---------|
| | | | | COOPERATIVE EXTENSION | | | | | | | |
| \$29,900 | MARRONE BIO INNOVATIONS | MARRONE BIO INNOVATIONS FIELD TRIALS | GASSMANN, AARON JOHN | AG EXPERIMENT STATION | ENTOMOLOGY | 022241-00001 | Research | 4/15/2020 | 4/14/2021 | APR. 2020 | 022241 |
| \$29,462 | OHIO STATE UNIVERSITY | ACHIEVING LOW DELAY AND HIGHLY ADAPTIVE TACTICAL NETWORKING WITH MULTI-PATH TCP | LIU, JIA | COLLEGE OF LIBERAL ARTS & SCIENCES | COMPUTER SCIENCE | 018101-00001 | Research | 9/1/2017 | 8/15/2020 | APR. 2020 | 4046156 |
| \$27,547 | DOJ-NATIONAL INSTITUTE OF JUSTICE (NIJ) | CHEMICAL IMAGING OF LATENT FINGERPRINT FOR FORENSIC EVIDENCE | LEE, YOUNG-JIN | COLLEGE OF LIBERAL ARTS & SCIENCES | CHEMISTRY | 017154-00001 | Research | 1/1/2017 | 6/30/2020 | APR. 2020 | 4282114 |
| \$25,000 | X-WAVE INNOVATIONS INC | MICROWAVE SYSTEM FOR NONDESTRUCTIVE CHARACTERIZATION OF MULTI-LAYERED NON-CONDUCTIVE COMPOSITES AND COATINGS - PHASE I | AL, QASEER MOHAMMAD TAYEB | COLLEGE OF ENGINEERING | CENTER FOR NON-DESTRUCT EVALUATION | 022183-00001 | Research | 3/5/2020 | 6/4/2020 | APR. 2020 | 022183 |
| \$24,999 | WATERSHED GEO | CLOSURETURF AND SOLAR PANELS UPLIFT RESEARCH PHASE VII | ZHENG, JUNXING | COLLEGE OF ENGINEERING | CIVIL, CONSTR & ENVIRONMENTAL ENGR | 022216-00001 | Research | 3/23/2020 | 3/22/2021 | APR. 2020 | 022216 |
| \$24,923 | VITA PLUS CORPORATION | NURSERY TRIALS | PATIENCE, JOHN FRANCIS | AG EXPERIMENT STATION | ANIMAL SCIENCE | 011161-00001 | Research | 11/2/2012 | 5/1/2020 | APR. 2020 | 4004013 |
| \$23,256 | AMERICAN ASSOCIATION OF SWINE VETERINARIANS FOUNDATION | MEASURING THE EFFECT OF DISEASES ON PRODUCTIVITY OF GROWING PIGS RAISED ON FIELD CONDITIONS | CORREIA-LIMA-LINHARES, DA | COLLEGE OF VETERINARY MEDICINE | VET DIAGNOSTIC & PRODUCTION ANIMAL MED | 022270-00001 | Research | 7/1/2020 | 6/30/2021 | APR. 2020 | 022270 |
| \$21,713 | VARIOUS ISUF DONORS-NONPROFIT | IOWA STATE UNIVERSITY FOUNDATION DONATIONS | WINTERSTEEN, WENDY | PRESIDENT | PRESIDENT | 021066-00001 | Institutional Support | 6/1/2019 | 5/31/2020 | APR. 2020 | |
| \$21,205 | INSTA-PRO INTERNATIONAL | GROWTH PERFORMANCE OF BROILER CHICKS FED EXPRESS SOY MEAL | KRAAYENBRINK, ELIZABETH A | AG EXPERIMENT STATION | ANIMAL SCIENCE | 022233-00001 | Research | 6/1/2020 | 5/31/2021 | APR. 2020 | 022233 |

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|--------------|---|--|------------------|------------------------------------|---|--------------|------------------|------------|------------|---------------------|---------|
| | | AND HIGH SHEAR EXTRUDED CORN | | | | | | | | | |
| \$20,292 | BROOKHAVEN SCIENCE ASSOCIATES-BROOKHAVEN NATIONAL LABORATORY | RESEARCH PROPOSAL OF 2020 US ATLAS ATC PROGRAM | CHEN, CHUNHUI | COLLEGE OF LIBERAL ARTS & SCIENCES | PHYSICS & ASTRONOMY | 022175-00001 | Research | 3/31/2020 | 11/30/2020 | APR. 2020 | 022175 |
| \$20,000 | BATTELLE MEMORIAL INSTITUTE-PACIFIC NORTHWEST NATIONAL LABORATORY | NUCLEAR ELECTRICAL CABLE TECHNIQUES FOR AGING REVELATION (NECTAR) DEVELOPMENT | BOWLER, NICOLA | COLLEGE OF ENGINEERING | MATERIALS SCIENCE & ENGINEERING | 020571-00001 | Research | 4/15/2019 | 9/30/2020 | APR. 2020 | 4046236 |
| \$18,372 | AMERICAN ASSOCIATION OF SWINE VETERINARIANS FOUNDATION | EXPLORE THE UNRECOGNIZED VIRUSES POTENTIALLY CAUSING VESICULAR LESIONS IN PIGS | ZHANG, JIANQIANG | COLLEGE OF VETERINARY MEDICINE | VET DIAGNOSTIC & PRODUCTION ANIMAL MED | 022268-00001 | Research | 7/1/2020 | 6/30/2021 | APR. 2020 | 022268 |
| \$15,000 | UNIVERSITY OF FLORIDA | NIAMRRE MEMBERSHIP | PLUMMER, PAUL J | VP FOR RESEARCH | NATL INST OF ANTIMICROB RESIST RES & ED | 022187-00001 | Research | 3/11/2020 | 6/30/2021 | APR. 2020 | 022187 |
| \$15,000 | UNIVERSITY OF IOWA | NIAMRRE MEMBERSHIP | PLUMMER, PAUL J | VP FOR RESEARCH | NATL INST OF ANTIMICROB RESIST RES & ED | 022196-00001 | Research | 4/6/2020 | 6/30/2021 | APR. 2020 | 022196 |
| \$15,000 | NORTH CAROLINA STATE UNIVERSITY | NIAMRRE MEMBERSHIP | PLUMMER, PAUL J | VP FOR RESEARCH | NATL INST OF ANTIMICROB RESIST RES & ED | 022249-00001 | Research | 4/13/2020 | 6/30/2021 | APR. 2020 | 022249 |
| \$15,000 | KANSAS STATE UNIVERSITY | NIAMRRE MEMBERSHIP | PLUMMER, PAUL J | VP FOR RESEARCH | NATL INST OF ANTIMICROB RESIST RES & ED | 022266-00001 | Research | 4/22/2020 | 6/30/2021 | APR. 2020 | 022266 |
| \$14,999 | UTAH STATE UNIVERSITY | AGRICULTURAL SAFETY EDUCATION INITIATIVE | SMALLEY, SCOTT W | AG EXPERIMENT STATION | AG EDUCATION & STUDIES | 021733-00001 | Academic Support | 9/15/2019 | 9/14/2020 | APR. 2020 | 021733 |
| \$14,994 | TEXAS A&M UNIVERSITY-TEXAS AGRILIFE RESEARCH | ASSESSING THE PHYLOGENETIC RELATIONSHIPS AND SPECIES BOUNDARIES OF THE GENUS | ROE, KEVIN J | AG EXPERIMENT STATION | NATURAL RESOURCE ECOLOGY & MGMT | 022194-00001 | Research | 2/27/2020 | 5/31/2022 | APR. 2020 | 022194 |

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|--------------|--|--|------------------------|------------------------------------|---------------------------------|--------------|------------------|------------|------------|---------------------|---------|
| | | TRUNCILLA IN TEXAS (FAMILY: UNIONIDAE) | | | | | | | | | |
| \$14,710 | VARIOUS ISUF DONORS- NONPROFIT | IOWA STATE UNIVERSITY FOUNDATION DONATIONS | WINTERSTEEN, WENDY | PRESIDENT | PRESIDENT | 021064-00001 | Academic Support | 6/1/2019 | 5/31/2020 | APR. 2020 | |
| \$13,360 | IOWA FRUIT & VEGETABLE GROWERS ASSOCIATION (IFVGA) | IOWA FRUIT AND VEGETABLE GROWERS ASSOCIATION MANAGEMENT OVERSIGHT | HARTSOOK, CHRISTA LYNN | UNIVERSITY & COOPERATIVE EXTENSION | VALUE ADD AG-EXTENSION | 022257-00001 | Public Service | 4/1/2020 | 3/31/2021 | APR. 2020 | 022257 |
| \$13,300 | BAYER CROPS SCIENCE | FIELD TRIALS - SUB AGREEMENT 144 | ROBERTSON, ALISON E | UNIVERSITY & COOPERATIVE EXTENSION | PLANT PATHOLOGY | 022252-00001 | Research | 4/1/2020 | 12/1/2020 | APR. 2020 | 022252 |
| \$12,710 | RENEWABLE ENERGY GROUP | EVALUATION OF GLYCERINE BASED PRODUCES ON TURFGRASS GROWTH AND DEVELOPMENT | CHRISTIANS, NICK E | AG EXPERIMENT STATION | HORTICULTURE | 017919-00001 | Research | 4/28/2017 | 12/31/2020 | APR. 2020 | 4004626 |
| \$11,795 | FHI 360 | CONVERSION OF A FACILITATED EDUCATIONAL TECHNOLOGY MOOC TO A STANDALONE MOOC | HEGELHEIMER, VOLKER H | COLLEGE OF LIBERAL ARTS & SCIENCES | ENGLISH | 021140-00001 | Instruction | 8/9/2019 | 7/31/2020 | APR. 2020 | 021140 |
| \$10,187 | UNIVERSITY OF NEBRASKA LINCOLN | SEMANTICS AND ANOMALY PRESERVING SAMPLING FOR CENSUS DATA | RAJAN, HRIDESH | COLLEGE OF LIBERAL ARTS & SCIENCES | COMPUTER SCIENCE | 022245-00001 | Research | 4/1/2020 | 8/31/2020 | APR. 2020 | 022245 |
| \$9,450 | DOI-US FISH & WILDLIFE SERVICE (USFWS) | STOPOVER ECOLOGY OF THE LEAST SANDPIPER IN IOWA | DINSMORE, STEPHEN J | AG EXPERIMENT STATION | NATURAL RESOURCE ECOLOGY & MGMT | 017695-00001 | Research | 7/18/2017 | 12/31/2020 | APR. 2020 | 4244020 |
| \$9,333 | IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP | WORKER PROTECTION STANDARD (WPS), FY20 | SCHAEFER, KRISTINE J P | UNIVERSITY & COOPERATIVE EXTENSION | ENTOMOLOGY | 022226-00001 | Public Service | 2/1/2020 | 6/30/2020 | APR. 2020 | 022226 |
| \$7,500 | MONSANTO COMPANY | FIELD TRIAL - NON CONFIDENTIAL | HODGSON, ERIN WHITNEE | AG EXPERIMENT | ENTOMOLOGY | 022238-00001 | Research | 5/1/2020 | 3/31/2021 | APR. 2020 | 022238 |

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|--------------|---|--|---------------------------|------------------------------------|------------------------------------|--------------|------------------|------------|------------|---------------------|---------|
| | | SERVICE ORDER NUMBER 68 | | STATION | | | | | | | |
| \$6,900 | BASF CORPORATION | ILEVO/ SOYBEAN ST/ NEMATODE/ EFFICACY YIELD | TYLKA, GREGORY L | AG EXPERIMENT STATION | PLANT PATHOLOGY | 022215-00001 | Research | 3/15/2020 | 12/31/2020 | APR. 2020 | 022215 |
| \$6,520 | IOWA DEPARTMENT OF NATURAL RESOURCES | IOWA EXTRA AMBIENT LAKE MONITORING | WILKINSON, GRACE MARIE | AG EXPERIMENT STATION | ECOLOGY, EVOLUTION & ORG BIOLOGY | 022192-00001 | Research | 5/1/2020 | 12/31/2020 | APR. 2020 | 022192 |
| \$6,200 | SYRACUSE UNIVERSITY | LONG DISTANCE NETWORK SEED GRANTS FOR CASSANDRA RUTHERFORD AND ALESANDRA MORALES | RUTHERFORD, CASSANDRA JAN | COLLEGE OF ENGINEERING | CIVIL, CONSTR & ENVIRONMENTAL ENGR | 022203-00001 | Research | 2/18/2020 | 7/31/2020 | APR. 2020 | 022203 |
| \$6,038 | BASF CORPORATION | FIELD TRIAL - SOW A-9 | MUELLER, DAREN SHANE | UNIVERSITY & COOPERATIVE EXTENSION | PLANT PATHOLOGY | 022201-00001 | Research | 3/15/2020 | 12/31/2020 | APR. 2020 | 022201 |
| \$3,864 | SYNGENTA CROP PROTECTION LLC | FIELD TRIAL SCREENING SOYBEAN LINES FOR RESISTANCE TO SWM | MUELLER, DAREN SHANE | UNIVERSITY & COOPERATIVE EXTENSION | PLANT PATHOLOGY | 022206-00001 | Research | 4/1/2020 | 12/1/2020 | APR. 2020 | 022206 |
| \$3,600 | FRANKLIN COUNTY AGRICULTURAL EXTENSION DISTRICT | 2019-20 LOCAL SUPPORT FOR IOWA AMERICORPS 4-H OUTREACH PROGRAMS | GOOD, TILAINÉ BELL | UNIVERSITY & COOPERATIVE EXTENSION | EXTENSION TO YOUTH & 4H | 022277-00001 | Public Service | 3/1/2020 | 11/30/2020 | APR. 2020 | 022277 |
| \$3,600 | CASS COUNTY CONSERVATION BOARD | 2019-20 LOCAL SUPPORT FOR IOWA AMERICORPS ENVIRONMENTAL EDUCATION PROGRAM | GOOD, TILAINÉ BELL | UNIVERSITY & COOPERATIVE EXTENSION | EXTENSION TO YOUTH & 4H | 022287-00001 | Public Service | 1/1/2020 | 11/30/2020 | APR. 2020 | 022287 |
| \$2,898 | SYNGENTA CROP PROTECTION LLC | FIELD TRIAL SCREENING SOYBEAN LINES FOR RESISTANCE TO SDS | MUELLER, DAREN SHANE | UNIVERSITY & COOPERATIVE EXTENSION | PLANT PATHOLOGY | 022202-00001 | Research | 4/1/2020 | 12/1/2020 | APR. 2020 | 022202 |
| \$2,200 | VARIOUS ISUF DONORS-INDUSTRY/ | IOWA STATE UNIVERSITY FOUNDATION | WINTERSTEEN, WENDY | PRESIDENT | PRESIDENT | 021059-00001 | Academic Support | 6/1/2019 | 5/31/2020 | APR. 2020 | |

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|--------------|--|--|--------------------------|-----------------|-----------------------------------|--------------|--------------------------|------------|-----------|---------------------|---------|
| | CORPORATE | DONATIONS | | | | | | | | | |
| \$1,704 | VANASSE HANGEN BRUSTLIN INC | SHRP2 NATURALISTIC DRIVING STUDY POOLED FUND: ADVANCING IMPLEMENTABLE SOLUTIONS - PHASE II | HALLMARK, SHAUNA L | VP FOR RESEARCH | INST FOR TRANSPORTATION (INTRANS) | 022182-00001 | Research | 12/3/2019 | 12/2/2020 | APR. 2020 | 022182 |
| \$1,600 | VARIOUS ISUF DONORS-INDIVIDUAL | IOWA STATE UNIVERSITY FOUNDATION DONATIONS | WINTERSTEEN, WENDY | PRESIDENT | PRESIDENT | 021055-00001 | Research | 6/1/2019 | 5/31/2020 | APR. 2020 | |
| \$700 | VARIOUS ISUF DONORS-INDUSTRY/CORPORATE | IOWA STATE UNIVERSITY FOUNDATION DONATIONS | WINTERSTEEN, WENDY | PRESIDENT | PRESIDENT | 021058-00001 | Operations & Maintenance | 6/1/2019 | 5/31/2020 | APR. 2020 | |
| \$500 | OCEAN MINERALS LLC | CMI AFFILIATE PROGRAM MEMBERSHIP | LOGRASSO, THOMAS ANTHONY | AMES LABORATORY | AMES LABORATORY | 022180-00001 | Research | 3/13/2020 | 6/30/2021 | APR. 2020 | |