

Calendar Year: 2020  
Month: Jul

Award Count: 131  
Award Total: \$32,413,209

Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
\$3,101,752	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	022731-00001	Institutional Support	6/1/2020	5/31/2021	JULY 2020	
\$1,500,000	NSF-NATIONAL SCIENCE FOUNDATION	SCC-IRG TRACK 2: OVERCOMING THE RURAL DATA DEFICIT TO IMPROVE QUALITY OF LIFE AND COMMUNITY SERVICES IN SMART AND CONNECTED SMALL COMMUNITIES	ZARECOR, KIMBERLY ELMAN	COLLEGE OF DESIGN	ARCHITECTURE	022626-00001	Research	10/1/2020	9/30/2023	JULY 2020	022626
\$1,348,691	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	022739-00001	Operations & Maintenance	6/1/2020	5/31/2021	JULY 2020	
\$1,341,054	ED-US DEPARTMENT OF EDUCATION	COLLEGE WORK STUDY (CWS) HOURLY	JOHNSON, ROBERTA L	SR VP AND PROVOST	FINANCIAL AID AWARDS-CWS	022724-00001	Student Financial Aid	7/1/2020	6/30/2021	JULY 2020	022724
\$1,275,409	IOWA DEPARTMENT OF HUMAN SERVICES	SERVICE TRAINING FOSU-21-001	WEEMS, CARL	COLLEGE OF HUMAN SCIENCES	HUMAN DEVELOPMENT & FAMILY STUDIES	022628-00001	Instruction	7/1/2020	6/30/2021	JULY 2020	022628
\$1,205,229	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	022734-00001	Operations & Maintenance	6/1/2020	5/31/2021	JULY 2020	
\$1,188,017	IOWA DEPARTMENT OF TRANSPORTATION	WORK ORDER 13: COMMUNITY TRANSPORTATION ENHANCEMENT SERVICES	BADENHOPE, JULIA M	COLLEGE OF DESIGN	LANDSCAPE ARCHITECTURE	022712-00001	Public Service	7/1/2020	12/30/2023	JULY 2020	022712
\$1,149,782	DOD-DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA)	PRODUCTION OF MACRONUTRIENTS FROM THERMALLY OXO-DEGRADED WASTES	BROWN, ROBERT C	VP FOR RESEARCH	BIOECONOMY INSTITUTE	022714-00001	Research	9/1/2020	11/30/2021	JULY 2020	022714
\$1,050,000	IOWA BOARD OF	REGENTS INNOVATION	JOHANSEN,	PRESIDENT	ECONOMIC DVLP MNT	022680-00001	Research	7/1/2020	6/30/2021	JULY	022680

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	REGENTS	FUND APPROPRIATION	KRISTINE ANN		& INDUSTRY RELATIONS					2020	
\$962,568	ED-US DEPARTMENT OF EDUCATION	PELL GRANT, FY20	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT AFFAIRS	STUDENT FINANCIAL AID OFFICE	021580-00001	Student Financial Aid	7/1/2019	6/30/2020	JULY 2020	
\$868,813	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	022732-00001	Scholarships & Fellowships	6/1/2020	5/31/2021	JULY 2020	
\$804,744	JAMES S MCDONNELL FOUNDATION	IMPLEMENTING PRINCIPLES FROM THE SCIENCE OF LEARNING WITHIN EDUCATIONAL PRACTICE	CARPENTER, SHANA K	COLLEGE OF LIBERAL ARTS & SCIENCES	PSYCHOLOGY	016495-00001	Research	12/1/2016	11/30/2023	JULY 2020	4006110
\$739,734	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	CENTER FOR ADVANCED BIOENERGY AND BIOPRODUCTS INNOVATION (CABBI)	VANLOOKE, ANDREW	AG EXPERIMENT STATION	AGRONOMY	018986-00001	Research	12/1/2017	11/30/2020	JULY 2020	4044120
\$738,633	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ALTERNATIVES TO ANTIBIOTICS: NEONATAL IMMUNOMODULATION TO IMPROVE DISEASE RESISTANCE IN ANIMALS	MCGILL, JODI LYNN	COLLEGE OF VETERINARY MEDICINE	VETERINARY MICROBIOLOGY & PREV MEDICINE	022713-00001	Research	6/1/2020	4/30/2024	JULY 2020	022713
\$708,144	DOE-NATIONAL ENERGY TECHNOLOGY LABORATORY (NETL)	ENHANCED LIGHT OUTCOUPLING FROM OLEDs FABRICATED ON NOVEL LOW-COST PATTERNED PLASTIC SUBSTRATES OF VARYING PERIODICITY	SHINAR, RUTH	COLLEGE OF ENGINEERING	MICROELECTRONICS RESEARCH CENTER	020531-00001	Research	4/15/2019	6/30/2021	JULY 2020	4012513
\$562,958	VARIOUS ISUF DONORS-INDUSTRY/ CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	022736-00001	Institutional Support	6/1/2020	5/31/2021	JULY 2020	
\$555,029	NSF-NATIONAL	ENHANCING THE	GALLUS,	COLLEGE OF	GEOLOGICAL &	022663-00001	Research	8/1/2020	7/31/2023	JULY	022663

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	SCIENCE FOUNDATION	UNDERSTANDING OF NOCTURNAL CONVECTIVE SYSTEM MORPHOLOGICAL EVOLUTION	WILLIAM ANDREW JR	LIBERAL ARTS & SCIENCES	ATMOSPHERIC SCIENCES					2020	
\$526,576	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	022735-00001	Academic Support	6/1/2020	5/31/2021	JULY 2020	
\$506,063	NIH-NATIONAL CANCER INSTITUTE (NCI)	NANOVACCINE PLATFORMS TO COMBAT PANCREATIC CANCER	NARASIMHAN, BALAJI	VP FOR RESEARCH	NANOVACCINE INSTITUTE	017983-00001	Research	9/25/2017	8/31/2021	JULY 2020	4301740
\$498,700	NSF-NATIONAL SCIENCE FOUNDATION	UNCOVERING BIOPHYSICAL MECHANISMS OF CROSSTALK IN PATTERN RECOGNITION RECEPTORS	SMITH, EMILY	COLLEGE OF LIBERAL ARTS & SCIENCES	CHEMISTRY	022695-00001	Research	12/1/2020	11/30/2023	JULY 2020	022695
\$495,000	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	DEVELOPMENT AND DEMONSTRATION OF A US SWINE HEALTH IMPROVEMENT PLAN MODELED AFTER THE NATIONAL POULTRY IMPROVEMENT PLAN	MAIN, RODGER GARY	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	022716-00001	Research	8/1/2020	7/31/2021	JULY 2020	022716
\$494,526	IOWA DEPARTMENT OF HUMAN SERVICES	CPPC COORDINATION	WEEMS, CARL	COLLEGE OF HUMAN SCIENCES	HUMAN DEVELOPMENT & FAMILY STUDIES	022748-00001	Public Service	7/1/2020	6/30/2021	JULY 2020	022748
\$437,042	NIH-NATIONAL INSTITUTE OF CHILD HEALTH & HUMAN DEVELOPMENT (NICHD)	DEVELOPMENT OF A MUCOSAL, POLYANHYDRIDE-BASED NANOPARTICLE VACCINE FOR USE AGAINST RSV INFECTION IN THE NEONATE	MCGILL, JODI LYNN	VP FOR RESEARCH	NANOVACCINE INSTITUTE	021413-00001	Research	9/12/2019	7/31/2021	JULY 2020	021413

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\$416,978	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: ADAPTIVE EXPLICIT AND IMPLICIT FEEDBACK IN SECOND LANGUAGE PRONUNCIATION TRAINING	LEVIS, JOHN MICHAEL	COLLEGE OF LIBERAL ARTS & SCIENCES	ENGLISH	022706-00001	Research	9/1/2020	8/31/2023	JULY 2020	022706
\$415,505	CALIFORNIA DEPARTMENT OF TRANSPORTATION	DEVELOPMENT OF A DECK OVERLAY METHOD FOR POST TENSIONED BOX GIRDER BRIDGES USING ULTRA-HIGH PERFORMANCE CONCRETE (UHPC)	SRITHARAN, SIVALINGAM	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	022689-00001	Research	7/17/2020	12/31/2022	JULY 2020	022689
\$375,462	NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	SIGNAL INTEGRATION FROM MEMBRANES TO THE ACTIN CYTOSKELETON	CHEN, BAOYU	AG EXPERIMENT STATION	BIOCHEMISTRY & BIOPHYSICS	019328-00001	Research	8/1/2018	7/31/2021	JULY 2020	4304022
\$372,425	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: USING MULTI-PROXY PALEO DATA TO CONSTRAIN NATURAL AND ANTHROPOGENIC HYDROGRAPHIC VARIABILITY IN THE GULF OF MAINE SYSTEM OVER THE LAST 250 YEARS	WANAMAKER, ALAN DAVID JR.	COLLEGE OF LIBERAL ARTS & SCIENCES	GEOLOGICAL & ATMOSPHERIC SCIENCES	022693-00001	Research	8/1/2020	7/31/2023	JULY 2020	022693
\$349,999	NSF-NATIONAL SCIENCE FOUNDATION	ASSESSING THE VALIDITY OF FORENSIC DECISIONS THROUGH INTERRATER RELIABILITY	GUYLL, MAX E JR.	COLLEGE OF LIBERAL ARTS & SCIENCES	PSYCHOLOGY	022648-00001	Research	9/15/2020	8/31/2022	JULY 2020	022648
\$349,652	NSF-NATIONAL SCIENCE FOUNDATION	LASER-BASED PROCESSING OF GRAPHENE AEROGELS IN THE MANUFACTURE OF ULTRA-	WANG, XINWEI	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	022681-00001	Research	8/15/2020	7/31/2023	JULY 2020	022681

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		PERFORMANCE BOLOMETERS									
\$347,706	NSF-NATIONAL SCIENCE FOUNDATION	CHARACTERIZING PHYSICOCHEMICAL EVOLUTION OF BIOMASS PARTICLES DURING FAST PYROLYSIS USING HIGH-RESOLUTION SIMULATION	KONG, SONG-CHARNG	VP FOR RESEARCH	BIOECONOMY INSTITUTE	022725-00001	Research	9/1/2020	8/31/2023	JULY 2020	022725
\$347,001	CALIFORNIA DEPARTMENT OF TRANSPORTATION	DEVELOPMENT OF EFFECTIVE ACCELERATED BRIDGE CONSTRUCTION (ABC) METHODS FOR BRIDGE ABUTMENT DESIGN AND CONSTRUCTION	SRITHARAN, SIVALINGAM	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	022694-00001	Research	7/20/2020	6/29/2022	JULY 2020	022694
\$320,500	CORNELL UNIVERSITY	CONTROLLING SPRAY FORMATION AND DISPERSION	HEINDEL, THEODORE JOHN	COLLEGE OF ENGINEERING	CTR FOR MULTIPHASE FLOW RES & EDUC	015698-00001	Research	6/1/2016	5/31/2021	JULY 2020	4046238
\$313,789	DOE-US DEPARTMENT OF ENERGY	NANOSECOND LASER DRYING IN WAFER FOUNDRIES FOR SIGNIFICANT ENERGY EFFICIENCY IMPROVEMENT	WANG, XINWEI	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	022722-00001	Research	7/16/2020	10/15/2021	JULY 2020	022722
\$300,000	US IGNITE	ARANET: WIRELESS LIVING LAB FOR SMART AND CONNECTED RURAL COMMUNITIES	ZHANG, HONGWEI	COLLEGE OF ENGINEERING	ENGINEERING RESEARCH INSTITUTE	022698-00001	Research	7/1/2020	12/31/2020	JULY 2020	022698
\$299,988	NSF-NATIONAL SCIENCE FOUNDATION	EAGER-QAC-QSA: VARIATIONAL QUANTUM ALGORITHMS FOR NONEQUILIBRIUM QUANTUM MANY-BODY SYSTEMS	ORTH, PETER PHILIPP	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	022756-00001	Research	9/15/2020	8/31/2022	JULY 2020	022756
\$295,386	IOWA	NUTRIENT REDUCTION	HELMERS,	AG	IOWA NUTRIENT	022746-00001	Research	7/1/2020	6/30/2021	JULY	022746

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	DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	STRATEGY MEASURES	MATTHEW JUSTIN	EXPERIMENT STATION	RESEARCH CTR					2020	
\$291,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	IOWA STATE UNIVERSITY INTEGRATED PEST MANAGEMENT EXTENSION IMPLEMENTATION PROGRAM, 2018-2020	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	018038-00001	Public Service	9/1/2017	8/31/2021	JULY 2020	4163030
\$250,000	UNIVERSITY OF MINNESOTA TWIN CITIES	OPERATIONALIZATION OF RESIDUE, COVER CROP AND DAILY EROSION PROJECT (DEP) AND WIND EROSION PREDICTION SYSTEM (WEPS) ESTIMATES FOR MINNESOTA AGRICULTURAL COUNTIES AND DEP IN FORESTED REGIONS	GELDER, BRIAN K	AG EXPERIMENT STATION	AG & BIOSYSTEMS ENGINEERING	022699-00001	Research	5/11/2020	3/31/2022	JULY 2020	022699
\$240,402	IOWA DEPARTMENT OF TRANSPORTATION	UTILIZATION OF GROUND TIRE RUBBER FOR ENERGY EFFICIENT PAVEMENTS	WILLIAMS, R CHRISTOPHER	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	022661-00001	Research	8/1/2020	7/31/2022	JULY 2020	022661
\$230,991	UNIVERSITY OF ARIZONA	GENE REGULATORY NETWORKS IN THE MAIZE ENDOSPERM	BECRAFT, PHILIP W	AG EXPERIMENT STATION	GENETICS DEVELOPMENT & CELL BIOLOGY	015239-00001	Research	3/15/2016	2/28/2021	JULY 2020	4044212
\$210,829	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	022730-00001	Academic Support	6/1/2020	5/31/2021	JULY 2020	
\$210,000	IOWA DEPARTMENT OF TRANSPORTATION	WORK PLAN FOR THE STATEWIDE URBAN DESIGN AND SPECIFICATIONS PROGRAM	WIEGAND, PAUL D	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	022750-00001	Research	7/1/2020	6/30/2023	JULY 2020	022750

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\$177,915	NORTHWESTERN UNIVERSITY	NEXT-GENERATION COMPACT OBJECT POPULATION MODELS FOR ASTROPHYSICS	TRAJCEVSKI, GOCE	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	022653-00001	Research	5/1/2019	7/1/2021	JULY 2020	022653
\$164,900	DOD-AIR FORCE OFFICE OF SCIENTIFIC RESEARCH (AFOSR)	LASING IN 2D GROUP IV NANOMATERIALS	PANTHANI, MATTHEW GEORGE	COLLEGE OF ENGINEERING	CHEMICAL & BIOLOGICAL ENGR	022634-00001	Research	7/1/2020	6/30/2023	JULY 2020	022634
\$159,120	NSF-NATIONAL SCIENCE FOUNDATION	A CROSSOVER OF MOLECULAR AND EXTENDED MAGNETISM IN ENGINEERED SOLIDS	KOVNIR, KYRYLO	COLLEGE OF LIBERAL ARTS & SCIENCES	CENTER FOR CATALYSIS	022640-00001	Research	8/1/2020	7/31/2023	JULY 2020	022640
\$157,693	NSF-NATIONAL SCIENCE FOUNDATION	RAPID: COLLABORATIVE RESEARCH: RESILIENCY AND VULNERABILITY TO COVID-19 IN RURAL COMMUNITIES: HEALTH AND SOCIOECONOMIC WELL-BEING IN THE CONTEXT OF ETHNIC DIVERSITY	PETERS, DAVID J	AG EXPERIMENT STATION	SOCIOLOGY	022651-00001	Research	7/15/2020	6/30/2021	JULY 2020	022651
\$156,420	FERMI RESEARCH ALLIANCE LLC- FERMI NATIONAL ACCELERATOR LABORATORY	NDE STUDIES OF DUNE ASICS	KRENNRICH, FRANK	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	022720-00001	Research	7/1/2020	9/30/2021	JULY 2020	022720
\$145,001	MINNESOTA DEPARTMENT OF TRANSPORTATION	BENEFIT/COST OF APPLYING A HIGHER ASPHALT FILM THICKNESS (AFT) VS DOING A CHIP SEAL AT 1 YEAR	BUSS, ASHLEY FAYE	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	022707-00001	Research	7/20/2020	7/31/2022	JULY 2020	022707
\$142,091	VARIOUS ISUF DONORS- INDUSTRY/ CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	022738-00001	Research	6/1/2020	5/31/2021	JULY 2020	

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\$140,749	NSF-NATIONAL SCIENCE FOUNDATION	DMREF: COLLABORATIVE RESEARCH FOR THE DESIGN AND SYNTHESIS OF NOVEL MAGNETIC MATERIALS	HO, KAI-MING	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	017756-00001	Research	10/1/2017	9/30/2021	JULY 2020	4200403
\$140,000	IOWA CONCRETE PAVING ASSOCIATION	PROGRAM MANAGEMENT FOR THE NATIONAL CONCRETE PAVEMENT TECHNOLOGY CENTER	TAYLOR, PETER C	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	022669-00001	Research	7/1/2020	6/30/2021	JULY 2020	022669
\$125,829	NSF-NATIONAL SCIENCE FOUNDATION	EAGER: STABLE AND EFFICIENT PEROVSKITE SOLAR CELLS	DALAL, VIKRAM L	COLLEGE OF ENGINEERING	MICROELECTRONICS RESEARCH CENTER	022684-00001	Research	8/15/2020	1/31/2022	JULY 2020	022684
\$111,441	UNIVERSITY OF CALIFORNIA DAVIS	THE GENETICS OF HIGHLAND ADAPTATION IN MAIZE	HUFFORD, MATTHEW	COLLEGE OF LIBERAL ARTS & SCIENCES	ECOLOGY, EVOLUTION & ORG BIOLOGY	015549-00001	Research	8/15/2016	7/31/2021	JULY 2020	4046133
\$111,052	UNIVERSITY OF MISSOURI COLUMBIA	CENTER FOR ADVANCING THE SOCIETAL IMPACTS OF RESEARCH	ROVER, DIANE THIEDE	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	020220-00001	Research	9/15/2018	8/31/2023	JULY 2020	4047203
\$109,680	VARIOUS ISUF DONORS- NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	022740-00001	Academic Support	6/1/2020	5/31/2021	JULY 2020	
\$103,790	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: A NEW APPROACH TO PARTICLE ASTROPHYSICS WITH VERITAS AND MULTI-WAVELENGTH DATA	WEINSTEIN, AMANDA	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	015065-00001	Research	2/1/2016	1/31/2021	JULY 2020	4207129
\$100,000	UNIVERSITY OF NEBRASKA LINCOLN	RISK MANAGEMENT STRATEGIES FOR IOWA'S BEGINNING AND WOMEN FARMERS IN UNCERTAIN TIMES	SCHULTZ, MADELINE MARGARE	UNIVERSITY & COOPERATIVE EXTENSION	ECONOMICS	022659-00001	Public Service	6/1/2020	11/30/2021	JULY 2020	022659
\$100,000	WALTON FAMILY FOUNDATION	ADVANCING A NEW BIOBASED VALUE	SCHULTE, MOORE LISA	VP FOR RESEARCH	BIOECONOMY INSTITUTE	022717-00001	Research	7/10/2020	6/30/2021	JULY 2020	022717

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		CHAIN IN THE CORN BELT TO IMPROVE CLIMATE RESILIENCE, WATER QUALITY, AND RURAL VITALITY	ANNE								
\$89,649	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: HOW COMPETING SOCIOTECHNICAL IMAGINARIES SHAPE TRUST AND GOVERNANCE OF GENE EDITING IN AGRICULTURE AND FOOD: A CROSS COUNTRY COMPARISON	BAIN, CARMEN M	AG EXPERIMENT STATION	SOCIOLOGY	022729-00001	Research	9/1/2020	8/31/2023	JULY 2020	
\$85,159	IOWA DEPARTMENT OF TRANSPORTATION	CONCRETE BOX CULVERT EARTH PRESSURE MONITORING	FREESEMAN, KATELYN SUE	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	020700-00001	Research	5/1/2019	12/31/2021	JULY 2020	4747624
\$79,437	KEMIN AGRI-FOODS NORTH AMERICA INC	EFFECT OF DIETARY INCLUSION OF KEMTRACE CHROMIUM OR CHROMIUM X ON THE GROWTH PERFORMANCE OF FINISHING PIGS RAISED UNDER HEAT STRESS	BAUMGARD, LANCE HALL	AG EXPERIMENT STATION	ANIMAL SCIENCE	022709-00001	Research	7/1/2020	12/31/2021	JULY 2020	022709
\$77,699	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	022737-00001	Scholarships & Fellowships	6/1/2020	5/31/2021	JULY 2020	
\$74,996	KANSAS STATE UNIVERSITY	VACCINES AGAINST EHRlichia AND ANAPLASMA SPECIES INFECTIONS	MCGILL, JODI LYNN	COLLEGE OF VETERINARY MEDICINE	VETERINARY MICROBIOLOGY & PREV MEDICINE	022668-00001	Research	6/1/2020	5/31/2021	JULY 2020	022668
\$70,991	GENERAL ATOMICS AERONAUTICAL	ICING WIND TUNNEL TESTING FOR	HU, HUI	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	022638-00001	Research	7/1/2020	9/30/2020	JULY 2020	022638

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	SYSTEMS INC	ICEPHOBIC COATINGS									
\$70,632	NSF-NATIONAL SCIENCE FOUNDATION	CRITICAL REGULARITY, SELECTION DYNAMICS, AND CONDENSATION IN NONLINEAR BALANCE LAWS	LIU, HAILIANG	COLLEGE OF LIBERAL ARTS & SCIENCES	MATHEMATICS	019361-00001	Research	8/1/2018	7/31/2021	JULY 2020	4200431
\$69,999	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: RETHINKING THE ROLE OF BUILDING ENVELOPES WITH SMART MORPHING FACADES (SMORPHACADES)	ALIPOUR, AZADEH	COLLEGE OF ENGINEERING	CIVIL, CONSTR & ENVIRONMENTAL ENGR	019347-00001	Research	1/1/2019	12/31/2021	JULY 2020	4207017
\$64,184	CPF (THAILAND) PUBLIC COMPANY LIMITED	CHAROEN POKPHAND FOODS (CPF) THAILAND FELLOWSHIP	ZHANG, JIANQIANG	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	015978-00001	Scholarships & Fellowships	8/1/2016	12/31/2021	JULY 2020	4006348
\$61,200	HHS-FOOD & DRUG ADMINISTRATION (FDA)	ISU - VET-LIRN INFRASTRUCTURE	GAUGER, PHILLIP C	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	017742-00001	Research	8/1/2017	5/31/2021	JULY 2020	4302358
\$61,140	UNIVERSITY OF FLORIDA	NANOPARTICLE FUNCTIONALITY BASED ON VARIATION IN PHYTOGLYCOGEN STRUCTURE	MYERS, ALAN M	COLLEGE OF LIBERAL ARTS & SCIENCES	BIOCHEMISTRY & BIOPHYSICS	022612-00001	Research	6/1/2020	5/31/2023	JULY 2020	022612
\$60,744	UNIVERSITY OF CALIFORNIA IRVINE	THE SOURCES AND CONSEQUENCES OF PRISON VIOLENCE	BUTLER, HARRY DANIEL	COLLEGE OF LIBERAL ARTS & SCIENCES	SOCIOLOGY	022652-00001	Research	5/18/2020	6/30/2021	JULY 2020	022652
\$60,227	UNITED WAY OF CENTRAL IOWA	2020 CORONA VIRUS COVID-19 RESPONSE	SELLERS, DEBRA M	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN SCIENCES EXTENSION AND OUTREACH	022679-00001	Public Service	3/1/2020	8/31/2020	JULY 2020	022679
\$60,000	CALIFORNIA DEPARTMENT OF TRANSPORTATION	DEVELOPMENT OF EFFECTIVE ACCELERATED BRIDGE CONSTRUCTION (ABC) METHODS FOR PILE-	SRITHARAN, SIVALINGAM	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	022700-00001	Research	7/20/2020	6/29/2021	JULY 2020	022700

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		FOOTING-COLUMN SYSTEMS									
\$55,000	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	022743-00001	Research	6/1/2020	5/31/2021	JULY 2020	
\$53,987	MONTANA STATE UNIVERSITY	RAPID: GRADUATE STUDENT EXPERIENCES OF SUPPORT AND STRESS DURING THE COVID-19 PANDEMIC	SMITH, RACHEL A.	COLLEGE OF HUMAN SCIENCES	SCHOOL OF EDUCATION	022613-00001	Research	5/1/2020	4/30/2021	JULY 2020	022613
\$52,875	UNIVERSITY OF MINNESOTA TWIN CITIES	CONTROLLING LISTERIA MONOCYTOGENES IN FRESH CHEESES WITH HIGH VOLTAGE ATMOSPHERIC PLASMA (HVACP) TREATMENT - PHASE II	MELLATA, MELHA	AG EXPERIMENT STATION	FOOD SCIENCE & HUMAN NUTRITION	021852-00001	Research	10/1/2019	12/31/2020	JULY 2020	021852
\$50,585	NSF-NATIONAL SCIENCE FOUNDATION	PFI-TT: PHYSICS-BASED DEEP TRANSFER LEARNING FOR PREDICTIVE MAINTENANCE OF INDUSTRIAL AND AGRICULTURAL MACHINERY	HU, CHAO	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	020941-00001	Research	8/1/2019	1/31/2022	JULY 2020	020941
\$50,000	DOE-US DEPARTMENT OF ENERGY	AMES LAB	SCHWARTZ, ADAM	AMES LABORATORY	AMES LABORATORY	004881-00001	Research	1/1/1981	12/31/2021	JULY 2020	4012501
\$50,000	NSF-NATIONAL SCIENCE FOUNDATION	I-CORPS: DIGITAL SOIL AND YIELD MAPPING WITH AN OPTIMIZED SAMPLING DESIGN TO PROVIDE ACCURATE, RAPID, AND INEXPENSIVE MAPS FOR FARM MANAGERS	MILLER, BRADLEY ALLEN	AG EXPERIMENT STATION	AGRONOMY	022670-00001	Research	7/15/2020	12/31/2020	JULY 2020	022670

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\$50,000	IOWA DEPARTMENT OF TRANSPORTATION	MULTI-DISCIPLINARY SAFETY TEAM AND LOCAL ROAD SAFETY IMPROVEMENT FACILITATION	LITTERAL, THERESA MICHELL	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	022682-00001	Research	7/1/2019	6/30/2021	JULY 2020	022682
\$50,000	ANSYS	ANSYS COMFRE MEMBERSHIP	HEINDEL, THEODORE JOHN	COLLEGE OF ENGINEERING	CTR FOR MULTIPHASE FLOW RES & EDUC	022687-00001	Research	6/16/2020	6/30/2021	JULY 2020	
\$48,029	KRAFT HEINZ	SURVIVAL AND POTENTIAL GROWTH OF CLOSTRIDIUM PERFRINGENS AND STAPHYLOCOCCUS AUREUS DURING BACON PROCESSING	DICKSON, JAMES S	AG EXPERIMENT STATION	ANIMAL SCIENCE	022650-00001	Research	6/1/2020	4/30/2021	JULY 2020	022650
\$40,833	NSF-NATIONAL SCIENCE FOUNDATION	GRADUATE RESEARCH FELLOWSHIP PROGRAM	GRAVES, WILLIAM RICHARD	SR VP AND PROVOST	GRADUATE COLLEGE	017570-00001	Scholarships & Fellowships	7/1/2017	6/30/2022	JULY 2020	4201811
\$40,000	IOWA DEPARTMENT OF PUBLIC HEALTH	EPIDEMIOLOGY AND LABORATORY CAPACITY FOR PREVENTION AND CONTROL OF EMERGING INFECTIOUS DISEASES (ELC)	SMITH, RYAN CHAD	AG EXPERIMENT STATION	ENTOMOLOGY	022666-00001	Research	8/1/2019	7/31/2020	JULY 2020	022666
\$39,764	UCHICAGO ARGONNE LLC- ARGONNE NATIONAL LABORATORY	CASCADING RISK AND MITIGATION	DOBSON, IAN	COLLEGE OF ENGINEERING	ELECTRIC POWER RESEARCH CTR	022657-00001	Research	7/9/2020	7/6/2021	JULY 2020	022657
\$37,836	IOWA DEPARTMENT OF TRANSPORTATION	EXPLORATION AND EVALUATION OF HIGH-RESOLUTION IMAGERY FOR ENVIRONMENTAL ASSESSMENT	KALEITA-FORBES, AMY LEIGH	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	017221-00001	Research	8/15/2017	7/31/2022	JULY 2020	4747994
\$37,441	BROOKHAVEN SCIENCE ASSOCIATES- BROOKHAVEN	THE US ATLAS ANALYSIS SUPPORT	COCHRAN, JAMES	COLLEGE OF LIBERAL ARTS & SCIENCES	PHYSICS & ASTRONOMY	005913-00001	Research	5/18/2009	9/30/2021	JULY 2020	4042101

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	NATIONAL LABORATORY										
\$35,000	MICROCONTINUUM INC	LOW-COST ROLL PROCESS FOR FLEXIBLE & RIGID GLASS OLED LIGHTING SUBSTRATES: PROVIDING ENCAPSULATION-READY ENHANCED LIGHT EXTRACTION AND A SMOOTH CURRENT SPREADING CONDUCTOR	SHINAR, RUTH	COLLEGE OF ENGINEERING	MICROELECTRONICS RESEARCH CENTER	022747-00001	Research	6/30/2020	4/1/2021	JULY 2020	022747
\$32,700	LEE COUNTY HEALTH DEPARTMENT	RESILIENT COMMUNITIES DEMONSTRATION PROJECT - LEE COUNTY, IA	HERNANDEZ, JUAN HIMAR	UNIVERSITY & COOPERATIVE EXTENSION	COMMUNITIES-EXTENSION	022633-00001	Public Service	7/1/2020	6/30/2022	JULY 2020	022633
\$29,692	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: MUTLI-FUNCTIONAL AND MULTI-MATERIAL ADDITIVE NANOMANUFACTURING: ACOUSTIC FIELD-ASSISTED STEREOLITHOGRAPHY	HU, SHAN	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	017185-00001	Research	8/1/2017	7/31/2021	JULY 2020	4207255
\$28,286	MONTANA STATE UNIVERSITY	SEVERE WEATHER INDEX	VENEZIANO, DAVID A	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	018912-00001	Research	3/1/2018	8/31/2020	JULY 2020	4047756
\$28,044	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	WANNEMUEHLER, MICHAEL	COLLEGE OF VETERINARY MEDICINE	VETERINARY MICROBIOLOGY & PREV MEDICINE	021654-00001	Public Service	10/1/2019	9/30/2020	JULY 2020	021654
\$27,670	AMERICAN HOLISTIC VETERINARY MEDICAL	ACUPUNCTURE ON POST-OPERATIVE ILEUS HORSES	KOPPER, JAMIE	COLLEGE OF VETERINARY MEDICINE	VET CLINICAL SCIENCES	022683-00001	Research	7/1/2020	6/30/2021	JULY 2020	022683

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	FOUNDATION										
\$25,000	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	PASSIVELY-CODED MINIATURIZED WIDEBAND MICROWAVE SENSORS FOR MATERIALS CHARACTERIZATION AND STRUCTURAL HEALTH MONITORING (SHM)	ZOUGHI, REZA	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	021736-00001	Scholarships & Fellowships	11/13/2019	7/31/2021	JULY 2020	021736
\$25,000	SWINE HEALTH INFORMATION CENTER	DEVELOPMENT OF SPATIALLY BALANCED SAMPLING DRAFT PROGRAM FOR DISEASE SURVEILLANCE	WANG, CHONG	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	022665-00001	Research	8/15/2020	8/14/2021	JULY 2020	022665
\$25,000	PRATT & WHITNEY - A DIVISION OF UNITED TECHNOLOGIES CORPORATION	ISU TASK 76	ZOUGHI, REZA	COLLEGE OF ENGINEERING	CENTER FOR NON-DESTRUCT EVALUATION	022697-00001	Research	7/1/2020	12/31/2020	JULY 2020	022697
\$24,638	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	022742-00001	Scholarships & Fellowships	6/1/2020	5/31/2021	JULY 2020	
\$24,213	DSM NUTRITIONAL PRODUCTS	EFFECT OF DSMS VEVOVITALL WITH OR WITHOUT DSMS PUREGRO ON NITROGEN METABOLISM AND MANURE AMMONIA AND ODOR EMISSIONS OF GROWING AND FINISHING PIGS	GREINER, LAURA LEE	AG EXPERIMENT STATION	ANIMAL SCIENCE	022656-00001	Research	7/10/2020	7/26/2021	JULY 2020	022656
\$22,118	UNIVERSITY OF NEBRASKA LINCOLN	MATHEMATICAL CONTROL THEORY AND ANALYSIS OF PARTIAL DIFFERENTIAL EQUATIONS COUPLED	GUVEN, GEREDELI PELIN	COLLEGE OF LIBERAL ARTS & SCIENCES	MATHEMATICS	022621-00001	Research	7/15/2020	7/14/2021	JULY 2020	022621

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		ACROSS A BOUNDARY INTERFACE									
\$20,700	SCOTTS COMPANY	FIELD TRIAL - 2020 PROVISTA CULTIVAR SHADE TOLERANCE TRIAL	THOMS, ADAM WILLIAM	AG EXPERIMENT STATION	HORTICULTURE	022691-00001	Research	8/15/2020	7/31/2023	JULY 2020	
\$20,000	AMERICANS FOR A CLEAN ENERGY GRID	WORLDWIDE REVIEW OF INTERREGIONAL TRANSMISSION SUPERGRIDS: MOTIVATIONS AND IMPLEMENTATIONS	MCCALLEY, JAMES D	COLLEGE OF ENGINEERING	ELECTRIC POWER RESEARCH CTR	022645-00001	Research	6/15/2020	12/31/2020	JULY 2020	022645
\$19,329	IOWA CORN PROMOTION BOARD	SUPPORTING THE NORTH AMERICAN PLANT PHENOTYPING NETWORK	DILL, CAROLYN JOY	AG EXPERIMENT STATION	AGRONOMY	022639-00001	Research	7/1/2020	6/30/2021	JULY 2020	022639
\$17,996	NSF-NATIONAL SCIENCE FOUNDATION	RAPID: FAILURE TO PREDICT INFECTION RISK AND ITS IMPACT ON THE SPREAD OF COVID-19	BHATTACHARYA, JOYDEEP	COLLEGE OF LIBERAL ARTS & SCIENCES	ECONOMICS	022702-00001	Research	8/15/2020	7/31/2021	JULY 2020	022702
\$17,500	INNO-PAK	POLYMER AND FOOD PROTECTION CONSORTIUM 2020 MEMBERSHIP INNO-PAK 2020 PFPC MEMBERSHIP	VORST, KEITH	AG EXPERIMENT STATION	FOOD SCIENCE & HUMAN NUTRITION	022660-00001	Research	5/1/2020	4/30/2021	JULY 2020	022660
\$16,665	ILLINOIS BEEF ASSOCIATION	RELATIONSHIP BETWEEN CREEP FEED ADMINISTRATION AND COW-CALF PERFORMANCE, AND ITS RELATIVE IMPACT ON MILK PRODUCTION AS MEASURED BY MILK EXPECTED PROGENY DIFFERENCE (EPD)	WALL, PATRICK BRIAN	UNIVERSITY & COOPERATIVE EXTENSION	EXTENSION TO AG-EXTENSION	022643-00001	Research	7/1/2020	6/30/2021	JULY 2020	022643
\$16,000	NSF-NATIONAL	CPS: MEDIUM:	SARKAR, SOUMIK	COLLEGE OF	MECHANICAL	021221-00001	Research	10/1/2019	9/30/2022	JULY	021221

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	SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: ACTIVE SHOOTER TRACKING AND EVACUATION ROUTING FOR SURVIVAL (ASTERS)		ENGINEERING	ENGINEERING					2020	
\$15,031	NEBRASKA DEPARTMENT OF TRANSPORTATION	EVALUATION ASCT OPERATIONS FOR DODGE STREET CORRIDOR	SHARMA, ANUJ	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	020988-00001	Research	7/1/2019	5/31/2021	JULY 2020	020988
\$15,000	UNIVERSITY OF WISCONSIN MADISON	A MULTI-PRONGED APPROACH TO CONTROLLING SCLEROTINIA STEM ROT	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	019834-00001	Research	9/1/2018	8/31/2020	JULY 2020	4103933
\$13,750	AMERICAN INSTITUTE OF CHEMICAL ENGINEERS	RAPID ADMINISTRATION: RENEWABLE BIOPRODUCTS	BROWN, ROBERT C	VP FOR RESEARCH	BIOECONOMY INSTITUTE	017862-00001	Research	4/1/2017	12/31/2020	JULY 2020	4047737
\$13,276	VARIOUS ISUF DONORS- NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	022741-00001	Institutional Support	6/1/2020	5/31/2021	JULY 2020	
\$11,514	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	SHRP 2 SAFETY DATA BASELINE OVERSIGHT SERVICES	SMADI, OMAR G	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	022672-00001	Research	5/15/2020	10/15/2020	JULY 2020	022672
\$10,000	ZOETIS	SITE-SPECIFIC MUTANTS IN MYCOPLASMA BOVIS	MINION, FRANK C	COLLEGE OF VETERINARY MEDICINE	VETERINARY MICROBIOLOGY & PREV MEDICINE	016651-00001	Research	12/21/2016	12/31/2020	JULY 2020	4006356
\$9,950	AMERICAN COLLEGE OF VETERINARY EMERGENCY AND CRITICAL CARE	INTESTINAL ALKALINE PHOSPHATASE: A NOVEL TREATMENT FOR RESTORING BARRIER FUNCTION OF INJURED INTESTINE	KOPPER, JAMIE	COLLEGE OF VETERINARY MEDICINE	VET CLINICAL SCIENCES	022745-00001	Research	9/1/2020	8/31/2021	JULY 2020	022745
\$9,000	NORTHEAST GAS	ADVANCED TERAHERTZ	CHIOU, CHIEN-	COLLEGE OF	CENTER FOR NON-	020598-00001	Research	4/5/2019	8/31/2020	JULY	4006574

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	ASSOCIATION	INSPECTION OF PLASTIC PIPES FOR NATURAL GAS INDUSTRY	PING	ENGINEERING	DESTRUCT EVALUATION					2020	
\$8,800	IOWA ECONOMIC DEVELOPMENT AUTHORITY	MOBILE ENERGY SYSTEMS FOR STATE OF IOWA RESILIENCY	KIMBER, ANNE	COLLEGE OF ENGINEERING	ELECTRIC POWER RESEARCH CTR	020802-00001	Research	6/3/2019	10/31/2020	JULY 2020	4782054
\$8,164	HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES LLC	MODELING AND DEVELOPMENT OF BETA-TI FOR SLM	COLLINS, PETER CHANCELLOR	COLLEGE OF ENGINEERING	MATERIALS SCIENCE & ENGINEERING	022711-00001	Research	7/21/2020	9/15/2020	JULY 2020	022711
\$8,125	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	022744-00001	Operations & Maintenance	6/1/2020	5/31/2021	JULY 2020	
\$7,650	UNIVERSITY OF NEBRASKA MEDICAL CENTER	WHOLE-OF-COMMUNITY SYSTEMS INTERVENTION FOR YOUTH POPULATION PHYSICAL ACTIVITY	WELK, GREGORY	COLLEGE OF HUMAN SCIENCES	KINESIOLOGY	018948-00001	Research	1/4/2018	12/31/2020	JULY 2020	4042883
\$7,300	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	022733-00001	Research	6/1/2020	5/31/2021	JULY 2020	
\$5,000	MORRIS ANIMAL FOUNDATION	EVALUATION OF NEUTROPHIL MYELOPEROXIDASE INDEX AS A NOVEL BLOOD BIOMARKER OF CANINE NEUTROPHIL EXTRACELLULAR TRAPS	LEVINE, DANA NICOLE	COLLEGE OF VETERINARY MEDICINE	VET CLINICAL SCIENCES	022658-00001	Research	5/11/2020	8/10/2020	JULY 2020	022658
\$4,972	MINNESOTA DEPARTMENT OF TRANSPORTATION	REPAIR OF JOINT ASSOCIATED DISTRESS PAVEMENTS	TAYLOR, PETER C	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	022647-00001	Research	7/6/2020	1/31/2021	JULY 2020	022647
\$4,900	CR ANDERSON FOUNDATION	C.R. ANDERSON RESEARCH FUND PROPOSAL	COFFELT, TINA A	COLLEGE OF LIBERAL ARTS & SCIENCES	ENGLISH	022614-00001	Research	8/1/2020	7/31/2021	JULY 2020	022614

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\$4,900	BAYER CROPSCIENCE	FIELD TRIAL USF0411 SOYBEAN EFFICACY, FOLIAR DISEASES R3	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	022704-00001	Research	4/1/2020	12/31/2020	JULY 2020	
\$4,856	WAYNE COUNTY AGRICULTURAL EXTENSION DISTRICT	LEADERSHIP FOR WAYNE COUNTY GROWING STRONG FAMILIES PROGRAM	SELLERS, DEBRA M	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN SCIENCES EXTENSION AND OUTREACH	022688-00001	Public Service	7/1/2020	5/31/2021	JULY 2020	022688
\$4,200	BAYER CROPSCIENCE	FIELD TRIAL USF0411 SOYBEAN WHITE MOLD PROGRAM	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	022703-00001	Research	4/1/2020	12/31/2020	JULY 2020	
\$2,105	IOWA DEPARTMENT OF NATURAL RESOURCES	IMPACT OF HONEYSUCKLE REMOVAL ON FOREST BIRDS	CURZON, MIRANDA	AG EXPERIMENT STATION	NATURAL RESOURCE ECOLOGY & MGMT	022615-00001	Research	4/15/2020	4/15/2021	JULY 2020	022615
\$2,000	DALLAS COUNTY AGRICULTURAL EXTENSION DISTRICT	COVID-19 RESPONSE AND RECOVERY MARKETING CAMPAIGN FOR THE STATE OF IOWA	KOESTER, BILLIE RHEA	UNIVERSITY & COOPERATIVE EXTENSION	EXTENSION ORGANIZATIONAL ADVANCEMENT	022690-00001	Public Service	6/1/2020	5/31/2021	JULY 2020	022690
\$1,000	NATIONAL 4H COUNCIL	ENVIRONMENTAL STEWARDSHIP IN IOWA: CONSERVATION EDUCATION THROUGH POLLINATOR GARDENS (NORTHWEST IOWA) AND WATER QUALITY EDUCATION (CENTRAL IOWA)	HIGGINS, CHADWICK CHARLES	UNIVERSITY & COOPERATIVE EXTENSION	VP EXTENSION & OUTREACH	022616-00001	Public Service	7/1/2020	12/31/2020	JULY 2020	022616
\$500	URBIX RESOURCES LLC	CMI AFFILIATE PROGRAM MEMBERSHIP	LOGRASSO, THOMAS ANTHONY	AMES LABORATORY	AMES LABORATORY	022629-00001	Research	6/22/2020	6/30/2021	JULY 2020	022629
\$500	LIXIVIA INC	CMI AFFILIATE PROGRAM MEMBERSHIP	LOGRASSO, THOMAS ANTHONY	AMES LABORATORY	AMES LABORATORY	022630-00001	Research	6/9/2020	6/30/2021	JULY 2020	022630
\$500	TERVES GROUP LLC	CMI AFFILIATE MEMBERSHIP PROGRAM	LOGRASSO, THOMAS	AMES LABORATORY	AMES LABORATORY	022632-00001	Research	6/22/2020	6/30/2021	JULY 2020	022632

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			ANTHONY								
\$500	LYON COUNTY AGRICULTURAL EXTENSION DISTRICT	COVID-19 RESPONSE AND RECOVERY MARKETING CAMPAIGN FOR THE STATE OF IOWA	KOESTER, BILLIE RHEA	UNIVERSITY & COOPERATIVE EXTENSION	EXTENSION ORGANIZATIONAL ADVANCEMENT	022723-00001	Public Service	6/1/2020	5/31/2021	JULY 2020	022723