

**Calendar Year:** 2021  
**Month:** Sep

**Award Count:** 221  
**Award Total:** \$65,955,395

Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
\$10,837,881	ED-US DEPARTMENT OF EDUCATION	PELL GRANT, FY22	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT AFFAIRS (VPSA)	STUDENT FINANCIAL AID-VPSA	024631-00001	Student Financial Aid	7/1/2021	6/30/2022	SEPT. 2021	
\$9,990,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	REGENERATING AMERICA S WORKING LANDSCAPES TO ENHANCE NATURAL RESOURCES AND PUBLIC GOODS THROUGH PERENNIAL GROUNDCOVER PGC	RAMAN, DAVE RAJ	AG EXPERIMENT STATION (AES)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	024806-00001	Research	9/15/2021	8/31/2026	SEPT. 2021	024806
\$2,983,414	DOE-US DEPARTMENT OF ENERGY	AMES LAB	SCHWARTZ, ADAM	AMES LABORATORY (AMES LAB)	AMES LABORATORY DOE-VPR	004881-00001	Research	1/1/1981	12/31/2021	SEPT. 2021	004881
\$2,660,823	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	024382-00001	Operations & Maintenance	6/1/2021	5/31/2022	SEPT. 2021	
\$2,443,917	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	024379-00001	Institutional Support	6/1/2021	5/31/2022	SEPT. 2021	
\$2,000,000	DOD-NATIONAL SECURITY AGENCY (NSA)	NCAE-C GRANT PROGRAM	JACOBSON, DOUG W	COLLEGE OF ENGINEERING (ENGR)	INFORMATION ASSURANCE CENTER-ENGR	024767-00001	Research	9/15/2021	12/31/2024	SEPT. 2021	024767
\$1,750,000	NSF-NATIONAL SCIENCE FOUNDATION	SCC-IRG TRACK 1: CONNECTING FARMING COMMUNITIES FOR SUSTAINABLE CROP PRODUCTION AND ENVIRONMENT USING SMART AGRICULTURAL DRAINAGE SYSTEMS	DONG, LIANG	COLLEGE OF ENGINEERING (ENGR)	ELECTRICAL & COMPUTER ENGR-ENGR	024703-00001	Research	10/1/2021	9/30/2025	SEPT. 2021	024703
\$1,741,632	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	024380-00001	Scholarships & Fellowships	6/1/2021	5/31/2022	SEPT. 2021	

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		DONATIONS									
\$1,499,931	USDA-NATURAL RESOURCES CONSERVATION SERVICE (NRCS)	NATIONAL HUB FOR THE AGRICULTURAL PLANNING FRAMEWORK (ACPF) FOR WATERSHED PLANNING	CRUSE, RICHARD M	VICE PRESIDENT FOR RESEARCH (VPR)	IOWA WATER CENTER-VPR	024638-00001	Research	9/29/2021	9/28/2024	SEPT. 2021	024638
\$1,250,000	DEERE & COMPANY	TECHNICAL EVALUATION: DEMONSTRATION OF SUSTAINABILITY PRACTICES FOR LARGE GRAINS PRODUCTION SYSTEMS	DARR, MATTHEW JOHN	AG EXPERIMENT STATION (AES)	BIOCENTURY RESEARCH FARM-AES	024818-00001	Research	8/1/2021	12/31/2026	SEPT. 2021	024818
\$859,000	DOI-US FISH & WILDLIFE SERVICE (USFWS)	2021 ASIAN CARP SAMPLING IN UMR AND MO RIVER BASINS	WEBER, MICHAEL JOHN	AG EXPERIMENT STATION (AES)	NATURAL RESOURCE ECOLOGY & MGMT-AES	024708-00001	Research	10/1/2021	9/30/2023	SEPT. 2021	024708
\$796,765	DOD-OFFICE OF NAVAL RESEARCH (ONR)	BIOMECHANICAL RESPONSE OF THE BRAIN FOLLOWING EXPOSURE TO NON-LETHAL BLAST WAVES	BENTIL, SARAH AMMA	COLLEGE OF ENGINEERING (ENGR)	MECHANICAL ENGINEERING-ENGR	024778-00001	Research	10/1/2021	9/30/2024	SEPT. 2021	024778
\$754,545	DEERE & COMPANY	BOOM DESIGN AND CONTROL SYSTEM DEVELOPMENT, PHASE 5	DARR, MATTHEW JOHN	AG EXPERIMENT STATION (AES)	BIOCENTURY RESEARCH FARM-AES	024820-00001	Research	9/1/2021	10/31/2022	SEPT. 2021	024820
\$749,447	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	024378-00001	Academic Support	6/1/2021	5/31/2022	SEPT. 2021	
\$675,829	DOE-US DEPARTMENT OF ENERGY	NOVEL CERAMIC CAPACITORS WITH ULTRAHIGH ENERGY DENSITY AND EFFICIENCY	TAN, XIAOLI	COLLEGE OF ENGINEERING (ENGR)	ENGINEERING RESEARCH INSTITUTE-ENGR	022853-00001	Research	7/1/2020	12/31/2022	SEPT. 2021	022853
\$550,000	USDA-AGRICULTURAL	ACQUISITION OF GOODS AND SERVICES	LAMKEY, KENDALL RAYE	AG EXPERIMENT	NATIONAL LAB FOR AG &	024715-00001	Public Service	8/1/2021	6/30/2022	SEPT. 2021	024715

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	RESEARCH SERVICES (ARS)			STATION (AES)	ENVIRONMENT-AES						
\$550,000	DEERE & COMPANY	ADVANCED APPLICATION TECHNOLOGY DEVELOPMENT PROGRAM, PHASE 5	DARR, MATTHEW JOHN	AG EXPERIMENT STATION (AES)	BIOCENTURY RESEARCH FARM-AES	024827-00001	Research	9/1/2021	10/31/2022	SEPT. 2021	024827
\$539,154	ED-US DEPARTMENT OF EDUCATION	TRIO EDUCATIONAL TALENT SEARCH 2021-2026	SPROUSE, DARCIE ANN	VICE PRESIDENT FOR STUDENT AFFAIRS (VPSA)	EDUCATIONAL TALENT SEARCH-VPSA	024730-00001	Instruction	9/1/2021	8/31/2022	SEPT. 2021	024730
\$531,738	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	024390-00001	Institutional Support	6/1/2021	5/31/2022	SEPT. 2021	
\$524,579	JAMES S MCDONNELL FOUNDATION	IMPLEMENTING PRINCIPLES FROM THE SCIENCE OF LEARNING WITHIN EDUCATIONAL PRACTICE	CARPENTER, SHANA K	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	PSYCHOLOGY-LAS	016495-00001	Research	12/1/2016	11/30/2023	SEPT. 2021	016495
\$507,337	NIH-NATIONAL CANCER INSTITUTE (NCI)	NANOVACCINE PLATFORMS TO COMBAT PANCREATIC CANCER	NARASIMHAN, BALAJI	VICE PRESIDENT FOR RESEARCH (VPR)	NANOVACCINE INSTITUTE-VPR	017983-00001	Research	9/25/2017	8/31/2022	SEPT. 2021	017983
\$500,125	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	024388-00001	Operations & Maintenance	6/1/2021	5/31/2022	SEPT. 2021	
\$493,977	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	NOVEL PARTNERSHIPS FOR AN EARLY-CAREER PIPELINE TO ENHANCE THE BIODEFENSE VETERINARY WORKFORCE	CAMPBELL, ALEXIS ANN	COLLEGE OF HUMAN SCIENCES (HS)	SCHOOL OF EDUCATION-HS	024805-00001	Public Service	9/1/2021	8/31/2026	SEPT. 2021	024805
\$475,620	VARIOUS ISUF DONORS-	IOWA STATE UNIVERSITY	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	024381-00001	Research	6/1/2021	5/31/2022	SEPT. 2021	

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	INDIVIDUAL	FOUNDATION DONATIONS									
\$474,000	DOE-US DEPARTMENT OF ENERGY	DIRECT PRODUCTION OF ODS FERRITIC ALLOYS FOR LONG-LIFE REACTOR FUEL BUNDLES: SHEET MATERIAL FOR DUCTS AND TUBE PREFORMS FOR CLADDING	PATHAK, SIDDHARTHA	COLLEGE OF ENGINEERING (ENGR)	MATERIALS SCIENCE & ENGINEERING-ENGR	024838-00001	Research	10/1/2021	9/30/2024	SEPT. 2021	024838
\$452,256	NIH-NATIONAL INSTITUTE OF ALLERGY & INFECTIOUS DISEASES (NIAID)	STRUCTURAL STUDIES OF A T CELL SPECIFIC TYROSINE KINASE	ANDREOTTI, AMY	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	020626-00001	Research	9/1/2019	8/31/2022	SEPT. 2021	020626
\$449,824	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	FARM AND RANCH WELLNESS: MEETING LOCAL NEEDS	BROWN, DAVID N	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	HUMAN SCIENCES EXTENSION AND OUTREACH-EXT	024807-00001	Public Service	9/1/2021	8/31/2022	SEPT. 2021	024807
\$430,000	USDA-NATURAL RESOURCES CONSERVATION SERVICE (NRCS)	STATISTICAL AND SURVEY METHODS SUPPORT FOR THE NATIONAL RESOURCE INVENTORY	ZHU, ZHENGYUAN	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	CENTER FOR SURVEY STATISTICS & METHODOLOGY-LAS	022185-00001	Research	4/1/2020	6/30/2023	SEPT. 2021	022185
\$424,481	DHS-US DEPARTMENT OF HOMELAND SECURITY	DETECTION OF BIOTHRREATS IN NEAR REAL TIME WITH A MULTIPLEXED APTASENSOR	NILSEN-HAMILTON, MARIT	AG EXPERIMENT STATION (AES)	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES	022995-00001	Research	9/1/2020	8/31/2022	SEPT. 2021	022995
\$398,173	NIH-NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS & STROKE (NINDS)	THE ROLE OF KCA3.1 IN MICROGLIAL FUNCTION AND IN PARKINSONS DISEASE PATHOGENESIS	KANTHASAMY, ARTHI	COLLEGE OF VETERINARY MEDICINE (VET)	IOWA CENTER FOR ADVANCED NEUROTOXICOLOGY-VET	024714-00001	Research	7/15/2021	4/30/2022	SEPT. 2021	024714
\$395,073	ED-US DEPARTMENT OF	TRIO STUDENT SUPPORT SERVICES	LIPSEY, ROBERT EUGENE	VICE PRESIDENT	STUDENT SUPPORT SERVICES-VPSSA	022932-00001	Student Services	9/1/2020	8/31/2022	SEPT. 2021	022932

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	EDUCATION			FOR STUDENT AFFAIRS (VPSA)							
\$386,364	DEERE & COMPANY	CAB INNOVATIONS, PHASE 8 - PART 1	DARR, MATTHEW JOHN	AG EXPERIMENT STATION (AES)	BIOCENTURY RESEARCH FARM-AES	024822-00001	Research	7/1/2021	10/31/2022	SEPT. 2021	024822
\$384,139	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	FY 21 IA NSTP	PINEYRO-PINEIRO, PABLO E	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	024654-00001	Scholarships & Fellowships	9/1/2021	8/31/2025	SEPT. 2021	024654
\$382,500	NIH-NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS & STROKE (NINDS)	INTERNAL AND EXTERNAL VALIDATION OF PORCINE DYSTROPHINOPATHY MODEL	SELSBY, JOSHUA TAYLOR	AG EXPERIMENT STATION (AES)	ANIMAL SCIENCE-AES	024734-00001	Research	9/1/2021	8/31/2022	SEPT. 2021	024734
\$380,001	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	HEAT STRESS AND RESPIRATORY INFECTION IN CHICKENS: A NOVEL NEUROENDOCRINE-MICROBIOME MECHANISM MEDIATING DEVELOPMENT OF APEC	PHILLIPS, GREGORY J	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	024651-00001	Research	7/1/2021	3/30/2024	SEPT. 2021	024651
\$352,640	DOE-US DEPARTMENT OF ENERGY	OPTIMAL OPERATION AND IMPACT ASSESSMENT OF DISTRIBUTED WIND FOR IMPROVING EFFICIENCY AND RESILIENCE OF RURAL ELECTRICITY SYSTEMS	WANG, ZHAOYU	COLLEGE OF ENGINEERING (ENGR)	ELECTRIC POWER RESEARCH CENTER-ENGR	022471-00001	Research	1/1/2020	7/31/2022	SEPT. 2021	022471
\$352,229	DOD-DEFENSE THREAT REDUCTION AGENCY (DTRA)	NANOMEDICINE COUNTERMEASURES TO OVERCOME ANTIMICROBIAL RESISTANCE	BELLAIRE, BRYAN HOWARD	VICE PRESIDENT FOR RESEARCH (VPR)	NANOVACCINE INSTITUTE-VPR	020044-00001	Research	12/14/2018	3/24/2023	SEPT. 2021	020044

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\$345,455	DEERE & COMPANY	PLANTER SENSING INNOVATIONS, PHASE 3	DARR, MATTHEW JOHN	AG EXPERIMENT STATION (AES)	BIOCENTURY RESEARCH FARM-AES	024825-00001	Research	9/1/2021	10/31/2022	SEPT. 2021	024825
\$340,102	NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	MULTI-SCALE COMPUTATIONAL INVESTIGATION OF FUNCTIONS AND MECHANISMS OF PROTEIN-RNA PHASE SEPARATION	POTOYAN, DAVIT	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	CHEMISTRY-LAS	023036-00001	Research	9/15/2020	7/31/2022	SEPT. 2021	023036
\$315,777	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	024385-00001	Institutional Support	6/1/2021	5/31/2022	SEPT. 2021	
\$310,097	DOE-US DEPARTMENT OF ENERGY	NOVEL SYSTEMS APPROACH FOR RATIONAL ENGINEERING OF ROBUST MICROBIAL METABOLIC PATHWAYS	JARBOE, LAURA	VICE PRESIDENT FOR RESEARCH (VPR)	BIOECONOMY INSTITUTE-VPR	024622-00001	Research	9/1/2021	8/31/2022	SEPT. 2021	024622
\$300,000	NSF-NATIONAL SCIENCE FOUNDATION	MULTISCALE MECHANICS OF COMPOSITE HYDROGELS EXPOSED TO SHOCK WAVES	JUAREZ, JAIME J	COLLEGE OF ENGINEERING (ENGR)	CTR FOR MULTIPHASE FLOW RES & EDUC-ENGR	024647-00001	Research	10/1/2021	9/30/2024	SEPT. 2021	024647
\$300,000	NSF-NATIONAL SCIENCE FOUNDATION	NNA PLANNING: COMMUNITY-BASED MITIGATION AND ADAPTIVE STRATEGIES FOR RIVER FLOODING AND EROSION IN ALASKA NATIVE COMMUNITIES	RUTHERFORD, CASSANDRA JAN	COLLEGE OF ENGINEERING (ENGR)	CIVIL, CONSTRUCTION & ENVIRONMENTAL ENGINEERING-ENGR	024680-00001	Research	9/1/2021	8/31/2023	SEPT. 2021	024680
\$299,483	USDA-ECONOMIC RESEARCH SERVICE (ERS)	INDUSTRIAL ORGANIZATION OF MEAT PROCESSING: MARKET POWER, EFFICIENCY, AND	MOSCHINI, GIANCARLO	AG EXPERIMENT STATION (AES)	CENTER FOR AGRICULTURAL & RURAL DEVELOPMENT-AES	024793-00001	Research	9/20/2021	9/30/2025	SEPT. 2021	024793

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		RESILIENCY									
\$297,601	ED-US DEPARTMENT OF EDUCATION	ISU TRIO UPWARD BOUND	SPROUSE, DARCIE ANN	VICE PRESIDENT FOR STUDENT AFFAIRS (VPSA)	UPWARD BOUND-VPSA	017323-00001	Instruction	9/1/2017	8/31/2022	SEPT. 2021	017323
\$297,004	VARIOUS ISUF DONORS-INDUSTRY/ CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	024386-00001	Scholarships & Fellowships	6/1/2021	5/31/2022	SEPT. 2021	
\$288,000	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	MIDWEST GRAPE AND WINE INDUSTRY INSTITUTE, FY 2022	MACDONALD, RUTH SEAMAN	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	FOOD SCIENCE & HUMAN NUTRITION-EXT	024658-00001	Public Service	7/1/2021	6/30/2023	SEPT. 2021	024658
\$250,000	IOWA SOYBEAN ASSOCIATION	BREEDING HIGH YIELDING SOYBEAN CULTIVARS FOR IOWA FARMERS	SINGH, ASHEESH KUMAR	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	024563-00001	Research	10/1/2021	9/30/2022	SEPT. 2021	024563
\$250,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	NAHLN LEVEL 1 LABORATORY WORK PLAN	MAIN, RODGER GARY	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	024634-00001	Research	8/1/2021	7/31/2022	SEPT. 2021	024634
\$250,000	IOWA ECONOMIC DEVELOPMENT AUTHORITY	MIDWEST GRAPE AND WINE INDUSTRY INSTITUTE, FY 2022	MACDONALD, RUTH SEAMAN	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	FOOD SCIENCE & HUMAN NUTRITION-EXT	024785-00001	Public Service	7/1/2021	6/30/2023	SEPT. 2021	024785
\$250,000	DEERE & COMPANY	LEVEL SENSING, PHASE 1	DARR, MATTHEW JOHN	AG EXPERIMENT STATION (AES)	BIOCENTURY RESEARCH FARM-AES	024821-00001	Research	9/1/2021	10/31/2022	SEPT. 2021	024821
\$249,203	NIH-NATIONAL INSTITUTE OF GENERAL	CELL MIGRATION CONTROL THROUGH MODULATION OF	SCHNEIDER, IAN C	COLLEGE OF ENGINEERING (ENGR)	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	024692-00001	Research	9/1/2021	8/31/2022	SEPT. 2021	024692

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	MEDICAL SCIENCES (NIGMS)	MULTIPLE DIRECTIONAL CUES									
\$249,054	ED-US DEPARTMENT OF EDUCATION	CCAMPIS: CHILD CARE ACCESS MEANS PARENTS IN SCHOOL	BROSHAR, CRISTINA MARIE	PRESIDENT (PRES)	UNIVERSITY HUMAN RESOURCES-PRES	019040-00001	Instruction	10/1/2018	9/30/2022	SEPT. 2021	019040
\$239,993	UNIVERSITY OF CALIFORNIA DAVIS	A FRAMEWORK FOR IMPROVING ANALYSIS AND MODELING OF EARTH SYSTEM AND INTERSECTORAL DYNAMICS AT REGIONAL SCALES	GUTOWSKI, WILLIAM J JR.	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	021707-00001	Research	9/1/2019	8/31/2022	SEPT. 2021	021707
\$230,000	DEERE & COMPANY	UNDERSTANDING BIODEGRADATION OF CYCELL BIO-BASED SEED LUBRICANT	THUO, MARTIN	COLLEGE OF ENGINEERING (ENGR)	MATERIALS SCIENCE & ENGINEERING-ENGR	024655-00001	Research	8/16/2021	8/15/2022	SEPT. 2021	024655
\$228,000	NSF-NATIONAL SCIENCE FOUNDATION	AF: SMALL: COLLABORATIVE RESEARCH: WEAK DERANDOMIZATIONS IN TIME AND SPACE COMPLEXITY	ADURI, PAVANKUMAR R	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	COMPUTER SCIENCE-LAS	024652-00001	Research	10/1/2021	9/30/2024	SEPT. 2021	024652
\$227,598	NIH-INSTITUTE ON AGING (NIA)	PREDICTING COGNITIVE FUNCTION: BIOMARKERS AND ECONOMICS IN A RURAL AGED COHORT	GREENLEE, MARY WEST	COLLEGE OF VETERINARY MEDICINE (VET)	BIOMEDICAL SCIENCES-VET	021299-00001	Research	9/1/2019	8/31/2022	SEPT. 2021	021299
\$223,000	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	NORTH CENTRAL FARM AND RANCH STRESS ASSISTANCE CENTER: ENGAGING PROGRAMS	BROWN, DAVID N	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	HUMAN SCIENCES EXTENSION AND OUTREACH-EXT	023295-00001	Public Service	9/1/2020	8/31/2022	SEPT. 2021	023295
\$221,427	NIH-NATIONAL INSTITUTE OF DIABETES & DIGESTIVE &	THE EFFECT OF EXERCISE ON THE ENDOCANNABINOID SYSTEM AS A PATHWAY	BRELLENTHIN, ANGELIQUE G	COLLEGE OF HUMAN SCIENCES (HS)	KINESIOLOGY-HS	024771-00001	Research	9/15/2021	8/31/2022	SEPT. 2021	024771



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	KIDNEY DISEASES (NIDDK)	TO CARDIOMETABOLIC HEALTH IN ADULTS WITH OVERWEIGHT/OBESITY									
\$200,000	IOWA SOYBEAN ASSOCIATION	IN SUPPORT OF THE IOWA SOYBEAN RESEARCH CENTER	TYLKA, GREGORY L	AG EXPERIMENT STATION (AES)	IOWA SOYBEAN RESEARCH CENTER-AES	024750-00001	Research	10/1/2021	9/30/2022	SEPT. 2021	024750
\$199,980	USDA-NATURAL RESOURCES CONSERVATION SERVICE (NRCS)	EVALUATING NORTHERN BOBWHITE AND NONGAME BIRD RESPONSES TO WORKING LANDS FOR WILDLIFE PRACTICES IN IOWA	TUCKER, ANNA	AG EXPERIMENT STATION (AES)	NATURAL RESOURCE ECOLOGY & MGMT-AES	024790-00001	Research	9/25/2021	9/29/2024	SEPT. 2021	024790
\$189,000	DEERE & COMPANY	R4 SPRAYER CHASSIS SUSPENSION INNOVATIONS, PHASE 4	DARR, MATTHEW JOHN	AG EXPERIMENT STATION (AES)	BIOCENTURY RESEARCH FARM-AES	024803-00001	Research	11/1/2021	10/31/2022	SEPT. 2021	024803
\$176,712	IOWA SOYBEAN ASSOCIATION	EVALUATING SCN-RESISTANT SOYBEAN VARIETIES AND NEMATODE-PROTECTANT TREATMENTS TO INCREASE PROFITABILITY FOR IOWA SOYBEAN FARMERS	TYLKA, GREGORY L	AG EXPERIMENT STATION (AES)	PLANT PATHOLOGY-AES	024739-00001	Research	10/1/2021	9/30/2022	SEPT. 2021	024739
\$176,244	UNIVERSITY OF CONNECTICUT	SYSTEMS-BASED INTEGRATED PROGRAM FOR ENHANCING THE SUSTAINABILITY OF ANTIBIOTIC-RESTRICTED POULTRY PRODUCTION	MOOYOTTU, SHANKUMAR	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY PATHOLOGY-VET	023231-00001	Research	9/15/2020	9/14/2022	SEPT. 2021	023231
\$175,000	USDA-FOREIGN AGRICULTURAL SERVICE (FAS)	AG BIOTECH SEED SYSTEMS ASIA AND AFRICA	MISRA, MANJIT KUMAR	AG EXPERIMENT STATION	SEED SCIENCE CENTER-AES	023104-00001	Instruction	9/24/2020	10/24/2022	SEPT. 2021	023104

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				(AES)							
\$175,000	IOWA SOYBEAN ASSOCIATION	THE SOYBEAN GENOME EDITING TOOLBOX - IMPROVING DISEASE RESISTANCE AND DROUGHT TOLERANCE	WHITHAM, STEVEN ALAN	AG EXPERIMENT STATION (AES)	PLANT PATHOLOGY-AES	024744-00001	Research	10/1/2021	9/30/2022	SEPT. 2021	024744
\$174,406	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	EVALUATION OF DATA PRIVACY AND SECURITY	KRULL, AMANDA JO KREUDER	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	024668-00001	Research	9/15/2021	9/14/2022	SEPT. 2021	024668
\$168,491	UNIVERSITY OF NEVADA RENO	COLLABORATIVE RESEARCH: NANODIAMOND PARTICLE FABRICATION BY CONFINED LASER SHOCK DETONATION FOR DRUG DELIVERY AND OTHER APPLICATIONS	LIAO, YILIANG	COLLEGE OF ENGINEERING (ENGR)	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	024810-00001	Research	8/1/2020	7/31/2022	SEPT. 2021	024810
\$167,000	HHS-FOOD & DRUG ADMINISTRATION (FDA)	DETECTION AND SURVEILLANCE OF ANTIMICROBIAL RESISTANCE AMONG ENTERIC BACTERIA FROM RAW RETAIL MEAT AND SEAFOOD IN IOWA: A NARMS RETAIL FOOD SURVEILLANCE PROJECT	SAHIN, ORHAN	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	023059-00001	Research	9/1/2020	8/31/2022	SEPT. 2021	023059
\$164,551	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	024696-00001	Public Service	8/1/2021	7/31/2022	SEPT. 2021	024696
\$153,555	SBA-US SMALL BUSINESS ADMINISTRATION	IOWA SMALL BUSINESS DEVELOPMENT CENTERS (SBDC), COVID-19 SUPPLEMENT	SHIMKAT, LISA MARIE	COLLEGE OF BUSINESS (BUS)	SMALL BUSINESS DEVELOPMENT CENTER-BUS	022262-00001	Public Service	4/1/2020	9/30/2022	SEPT. 2021	022262
\$153,321	UNIVERSITY OF	INNOVATING THROUGH	ISENHART,	AG	NATURAL RESOURCE	024823-00001	Research	6/10/2021	6/9/2022	SEPT.	024823

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	ILLINOIS URBANA CHAMPAIGN	BARRIERS FOR BIOREACTORS AND SATURATED BUFFERS	THOMAS M	EXPERIMENT STATION (AES)	ECOLOGY & MGMT-AES					2021	
\$150,930	NIH-NATIONAL INSTITUTE OF DIABETES & DIGESTIVE & KIDNEY DISEASES (NIDDK)	THE IMPACT OF INFLAMMATION ON HEMATOPOIETIC STEM CELL SPECIFICATION	ESPIN, PALAZON RAQUEL	AG EXPERIMENT STATION (AES)	GENETICS, DEVELOPMENT & CELL BIOLOGY-AES	021380-00001	Research	9/8/2019	2/28/2023	SEPT. 2021	021380
\$150,000	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	CHARACTERIZATION OF VIRUS ISOLATES IN SUPPORT OF SWINE INFLUENZA; A VIRUS SURVEILLANCE AND DIAGNOSTICS	GAUGER, PHILLIP C	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	021342-00001	Research	9/1/2019	6/30/2023	SEPT. 2021	021342
\$150,000	NSF-NATIONAL SCIENCE FOUNDATION	SCC-PG: PREPARING THE NEXT-GENERATION RURAL WORKFORCE THROUGH INCLUSIVE AND PLACE-BASED SMART AND CONNECTED STEM EDUCATIONAL DELIVERY MODELS	WINER, ELIOT H	COLLEGE OF ENGINEERING (ENGR)	VIRTUAL REALITY APPLICATIONS CENTER-ENGR	024644-00001	Research	10/1/2021	9/30/2022	SEPT. 2021	024644
\$150,000	NSF-NATIONAL SCIENCE FOUNDATION	SCC-PG: TAPPING THE POTENTIAL: CONTRIBUTION OF NON-EXPERT CITIZENS TO EXPEDITING THE FUNCTIONAL RECOVERY OF CIVIL INFRASTRUCTURES DAMAGED BY EXTREME EVENTS	SHAFEI-PAMSARI, BEHROUZ	COLLEGE OF ENGINEERING (ENGR)	VIRTUAL REALITY APPLICATIONS CENTER-ENGR	024678-00001	Research	10/1/2021	9/30/2022	SEPT. 2021	024678
\$147,290	UNIVERSITY OF TENNESSEE	NUCLEAR COMPUTATIONAL LOW ENERGY INITIATIVE (NUCLEI)	VARY, JAMES P	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	PHYSICS & ASTRONOMY-LAS	018054-00001	Research	9/1/2017	8/31/2022	SEPT. 2021	018054
\$140,000	DEERE &	ROUND BALER	ASKEY, JEFFREY	AG	BIOCENTURY	024660-00001	Research	8/1/2021	10/31/2022	SEPT.	024660

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	COMPANY	INNOVATIONS, PHASE 4	CLARK	EXPERIMENT STATION (AES)	RESEARCH FARM-AES					2021	
\$139,905	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES; SERB/GRAHAM SEQUENCING; ARS AGREEMENT 5850301047	SERB, JEANNE M	VICE PRESIDENT FOR RESEARCH (VPR)	OFFICE OF BIOTECHNOLOGY-VPR	024719-00001	Public Service	8/1/2021	7/31/2022	SEPT. 2021	024719
\$138,000	DOC-ECONOMIC DEVELOPMENT ADMINISTRATION (EDA)	IWIN	COX, RONALD ARTHUR	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-ENGR	019755-00001	Public Service	10/1/2018	9/30/2023	SEPT. 2021	019755
\$138,000	TEXAS RESEARCH INSTITUTE AUSTIN INC	NONDESTRUCTIVE EVALUATION OF COMPOSITE SUBSTRATE BELOW THICK TOP COAT MATERIALS - PHASE II	AL, QASEER MOHAMMAD TAYEB	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR NONDESTRUCTIVE EVALUATION-ENGR	024701-00001	Research	8/15/2021	7/31/2023	SEPT. 2021	024701
\$135,000	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: INFORMATION TECHNOLOGY AND EMERGENCY RESPONSE IMPROVISATION: AN INVESTIGATION	CHEN, RUI	COLLEGE OF BUSINESS (BUS)	INFORMATION SYSTEMS & BUSINESS ANALYTICS-BUS	022907-00001	Research	9/1/2020	8/31/2023	SEPT. 2021	022907
\$134,946	CORNELL UNIVERSITY	ACCELERATING PHAGE EVOLUTION AND TOOLS VIA SYNTHETIC BIOLOGY AND MACHINE LEARNING	TALBERT, JOEY NATHANIEL	COLLEGE OF HUMAN SCIENCES (HS)	FOOD SCIENCE & HUMAN NUTRITION-HS	024788-00001	Research	6/1/2021	5/31/2022	SEPT. 2021	024788
\$130,000	WESTERN ILLINOIS UNIVERSITY	LIGHT-WEIGHT MATERIALS AND STRUCTURES FOR BALLISTIC PROTECTION	COLLINS, PETER CHANCELLOR	COLLEGE OF ENGINEERING (ENGR)	MATERIALS SCIENCE & ENGINEERING-ENGR	024710-00001	Research	7/1/2021	6/30/2022	SEPT. 2021	024710
\$129,428	DEERE & COMPANY	DEVELOPMENT OF BIODEGRADABLE BLENDED SEED	THUO, MARTIN	COLLEGE OF ENGINEERING (ENGR)	MATERIALS SCIENCE & ENGINEERING-ENGR	024686-00001	Research	8/16/2021	8/15/2022	SEPT. 2021	024686

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		LUBRICANT									
\$127,623	SWINE HEALTH INFORMATION CENTER	DOMESTIC SWINE DISEASE SURVEILLANCE: INCORPORATE PCV2 AND INFLUENZA A, AND PROVIDE MONTHLY UPDATES UNTIL MAY OF 2022	TREVISAN, GIOVANI	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	024637-00001	Research	10/1/2021	9/30/2022	SEPT. 2021	024637
\$126,308	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: RETHINKING CIRCLE TIME: INTEGRATING COMPUTATIONAL THINKING INTO K-2 LITERACY	TANK, KRISTINA MARUYAMA	COLLEGE OF HUMAN SCIENCES (HS)	SCHOOL OF EDUCATION-HS	024681-00001	Research	9/1/2021	8/31/2024	SEPT. 2021	024681
\$124,995	DOI-US GEOLOGICAL SURVEY (USGS)	IOWA WATER CENTER 104(B) BASE GRANT	CRUSE, RICHARD M	VICE PRESIDENT FOR RESEARCH (VPR)	IOWA WATER CENTER-VPR	024688-00001	Research	9/1/2021	8/31/2022	SEPT. 2021	024688
\$119,149	KENT CORPORATION	ANIMAL PRODUCT TESTING- KENT WOODY BREAST STUDY	KRAAYENBRINK, ELIZABETH A	AG EXPERIMENT STATION (AES)	ANIMAL SCIENCE-AES	024025-00001	Research	5/15/2021	5/15/2024	SEPT. 2021	024025
\$117,658	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: ENGINEERING MICROBIAL COMMUNITIES WITH PREBIOTIC/PROBIOTIC PAIRS	MANSELL, THOMAS JOSEPH	COLLEGE OF ENGINEERING (ENGR)	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	021899-00001	Research	3/1/2020	2/28/2025	SEPT. 2021	021899
\$115,902	IOWA DEPARTMENT OF TRANSPORTATION	FEASIBILITY OF GRANULAR ROAD AND SHOULDER RECYCLING PHASE II: GRADATION OPTIMIZATION FOR IMPROVED PERFORMANCE	ASHLOCK, JERAMY CURTIS	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	024745-00001	Research	9/15/2021	10/31/2023	SEPT. 2021	024745
\$112,828	NSF-NATIONAL	COLLABORATIVE	SCHMITZ-ESSER,	AG	ANIMAL SCIENCE-	022300-00001	Research	6/15/2020	5/31/2023	SEPT.	022300

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	SCIENCE FOUNDATION	RESEARCH: THE SABOTEUR'S TOOLS: MECHANISMS FOR HOST REPRODUCTIVE MANIPULATION BY THE BACTERIAL ARTHROPOD ENDOSYMBIONT CARDINIUM HERTIGII	STEPHAN	EXPERIMENT STATION (AES)	AES					2021	
\$108,376	DOT-FEDERAL AVIATION ADMINISTRATION (FAA)	TOPIC NUMBER ARAS0007: SMALL UNMANNED AIRCRAFT SYSTEM (SUAS) FOR PAVEMENT INSPECTION	CEYLAN, HALIL	COLLEGE OF ENGINEERING (ENGR)	ENGINEERING RESEARCH INSTITUTE-ENGR	023139-00001	Research	9/28/2020	5/27/2022	SEPT. 2021	023139
\$108,000	UNITED SOYBEAN BOARD	IDENTIFICATION OF HIGH YIELDING SOYBEAN LINES WITH SUDDEN DEATH SYNDROME (SDS) AND PHYTOPHTHORA RESISTANCE AND MOLECULAR MARKERS LINKED TO NOVEL GENES ENCODING SDS AND PHYTOPHTHORA RESISTANCES	BHATTACHARYYA, MADAN KUMA	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	024649-00001	Research	10/1/2021	9/30/2022	SEPT. 2021	024649
\$107,382	CORNELL UNIVERSITY	PANAND: HARNESSING CONVERGENCE AND CONSTRAINT TO PREDICT ADAPTATIONS TO ABIOTIC STRESS FOR MAIZE AND SORGHUM	HUFFORD, MATTHEW	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	019764-00001	Research	9/1/2018	8/31/2022	SEPT. 2021	019764
\$106,603	ED-US DEPARTMENT OF EDUCATION	TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION (TEACH) GRANT, FY22	JOHNSON, ROBERTA L	ENROLLMENT MANAGEMENT (ENMGT)	FINANCIAL AID OFFICE-ENMGT	024789-00001	Scholarships & Fellowships	7/1/2021	6/30/2022	SEPT. 2021	
\$100,750	VARIOUS ISUF DONORS-	IOWA STATE UNIVERSITY	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	024389-00001	Academic Support	6/1/2021	5/31/2022	SEPT. 2021	

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	NONPROFIT	FOUNDATION DONATIONS									
\$100,514	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	024391-00001	Scholarships & Fellowships	6/1/2021	5/31/2022	SEPT. 2021	
\$100,159	DOD-ARMY CORPS OF ENGINEERS (USACE)	RECOMBINANT VIRUS VECTORS FOR SCREENING GENE SILENCING NUCLEIC ACIDS IN PHRAGMITES AUSTRALIS	WHITHAM, STEVEN ALAN	AG EXPERIMENT STATION (AES)	PLANT PATHOLOGY-AES	024784-00001	Research	9/15/2021	3/31/2022	SEPT. 2021	024784
\$100,000	MIDAMERICAN ENERGY COMPANY	EPRC - MIDAMERICAN	KIMBER, ANNE	COLLEGE OF ENGINEERING (ENGR)	ELECTRIC POWER RESEARCH CENTER-ENGR	005480-00001	Research	11/1/2005	10/31/2022	SEPT. 2021	005480
\$99,973	AMBER AGRICULTURE	LOW-POWER, WIRELESS CROP QUALITY SENSORS FOR GRAIN QUALITY PRESERVATION AND STORAGE AUTOMATION	MAIER, DIRK EBERHARD	AG EXPERIMENT STATION (AES)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	024795-00001	Research	7/1/2021	6/30/2022	SEPT. 2021	024795
\$97,000	USDA-ECONOMIC RESEARCH SERVICE (ERS)	SWINE PRODUCTION AND CARBON MARKETS	CRESPI, JOHN M	AG EXPERIMENT STATION (AES)	CENTER FOR AGRICULTURAL & RURAL DEVELOPMENT-AES	024726-00001	Research	9/10/2021	9/30/2023	SEPT. 2021	024726
\$90,709	IOWA DEPARTMENT OF PUBLIC HEALTH	IOWA PROJECT LAUNCH EVALUATION	HUGHES-BELDING, KERE	COLLEGE OF HUMAN SCIENCES (HS)	HUMAN DEVELOPMENT & FAMILY STUDIES-HS	024648-00001	Research	8/31/2021	8/30/2022	SEPT. 2021	024648
\$85,000	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	ADVANCING IOWA'S EFFORTS IN CONTINUING TO ATTAIN HIGH RATES OF COMPLIANCE WITH THE FDA'S PRODUCE SAFETY RULE THROUGH EDUCATION, OUTREACH AND TECHNICAL	SHAW, ANGELA MARIE	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	FOOD SCIENCE & HUMAN NUTRITION-EXT	024828-00001	Public Service	7/1/2021	6/30/2022	SEPT. 2021	024828

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		ASSISTANCE TO IOWA GROWERS									
\$84,046	IOWA SOYBEAN ASSOCIATION	FINDING PYRETHROID-RESISTANT APHIDS BEFORE IT IS TOO LATE	O'NEAL, MATTHEW ELLIOTT	AG EXPERIMENT STATION (AES)	ENTOMOLOGY-AES	024740-00001	Research	10/1/2021	9/30/2022	SEPT. 2021	024740
\$79,860	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION (AES)	NATIONAL LAB FOR AG & ENVIRONMENT-AES	024699-00001	Public Service	8/1/2021	6/30/2022	SEPT. 2021	024699
\$77,304	UNIVERSITY OF NORTHERN IOWA	FIRST LEGO LEAGUE EXPLORE	SCHROEDER, CAMILLE A S	COLLEGE OF ENGINEERING (ENGR)	ENGINEERING ADMINISTRATION- ENGR	024689-00001	Public Service	7/1/2021	4/30/2022	SEPT. 2021	024689
\$77,000	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES; SERB/LOVING SEQUENCING; ARS AGREEMENT 5850301057	SERB, JEANNE M	VICE PRESIDENT FOR RESEARCH (VPR)	OFFICE OF BIOTECHNOLOGY- VPR	024712-00001	Public Service	8/1/2021	7/31/2022	SEPT. 2021	024712
\$73,743	UNIVERSITY OF MINNESOTA TWIN CITIES	ANSWERLINE SERVICES FOR UNIV OF MINNESOTA EXTENSION SERVICE	JACOBS, TAMMY RAE	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	HUMAN SCIENCES EXTENSION AND OUTREACH-EXT	024830-00001	Public Service	7/1/2021	6/30/2023	SEPT. 2021	024830
\$67,100	IOWA SOYBEAN ASSOCIATION	INTEGRATED AGRICULTURAL SYSTEMS TO PROMOTE SOIL HEALTH AND ENVIRONMENTAL RESILIENCE	SOUPIR, MICHELLE LYNN	COLLEGE OF ENGINEERING (ENGR)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-ENGR	024757-00001	Research	10/1/2021	9/30/2022	SEPT. 2021	024757
\$66,902	ASSOCIATION OF FOOD AND DRUG OFFICIALS	RETAIL FOOD SAFETY ASSOCIATION COLLABORATION	WOHLSDORF-ARENDT, SUSAN	COLLEGE OF HUMAN SCIENCES (HS)	APPAREL, EVENTS & HOSP MGMT-HS	024812-00001	Research	8/1/2021	7/31/2022	SEPT. 2021	024812
\$66,678	USDA- AGRICULTURAL RESEARCH	ACQUISITION OF GOODS AND SERVICES	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION	AGRONOMY-AES	024674-00001	Public Service	8/1/2021	7/31/2022	SEPT. 2021	024674



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	SERVICES (ARS)			(AES)							
\$64,328	NIH-NATIONAL INSTITUTES OF HEALTH	RESEARCH TRAINING FOR VETERINARY STUDENTS	MILLER, CATHY	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY ADMINISTRATION-VET	021289-00001	Instruction	9/1/2019	8/31/2022	SEPT. 2021	021289
\$63,778	DOT-FEDERAL HIGHWAY ADMINISTRATION (FHWA)	DEVELOPING GUIDANCE DOCUMENTS AND TRAINING WORKSHOPS TO SUPPORT ENHANCEMENT OF THE STATE DOT'S TRANSPORTATION ASSET MANAGEMENT PLANS	SMADI, OMAR G	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	022106-00001	Research	3/2/2020	11/30/2023	SEPT. 2021	022106
\$60,701	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	ISU VET MED ANIMAL HEALTH AND DISEASE RESEARCH	ZHANG, QIJING	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY ADMINISTRATION-VET	024007-00001	Research	10/1/2020	9/30/2022	SEPT. 2021	024007
\$60,000	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	HONEYMAN, MARK S	AG EXPERIMENT STATION (AES)	ISU RESEARCH AND DEMONSTRATION FARMS-AES	024676-00001	Public Service	8/1/2021	6/30/2022	SEPT. 2021	024676
\$59,997	DEERE & COMPANY	FEASIBILITY STUDY OF SCALEUP PRODUCTION OF CYCELL FLUENCY AGENT	THUO, MARTIN	COLLEGE OF ENGINEERING (ENGR)	MATERIALS SCIENCE & ENGINEERING-ENGR	024684-00001	Research	9/1/2021	8/31/2022	SEPT. 2021	024684
\$57,971	UNIVERSITY OF KANSAS MEDICAL CENTER RESEARCH INSTITUTE	TROPHOBLAST-UTERINE CELL DYNAMICS AT THE MATERNAL-FETAL INTERFACE	TUTEJA, GEETU SINGH	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	023206-00001	Research	9/22/2020	8/31/2022	SEPT. 2021	023206
\$57,566	IOWA SOYBEAN ASSOCIATION	INVESTIGATING THE USE OF NANO-ENCAPSULATED SEED TREATMENTS FOR IMPROVED MANAGEMENT OF	LEANDRO, LEONOR F S	AG EXPERIMENT STATION (AES)	PLANT PATHOLOGY-AES	024787-00001	Research	10/1/2021	9/30/2022	SEPT. 2021	024787

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		SOYBEAN SUDDEN DEATH SYNDROME									
\$53,279	BIOMUNE COMPANY DBA CEVA BIOMUNE	GENETIC CHARACTERIZATION OF THE IMMUNOLOGICAL REGIONS OF UP TO 600 RECENT AND ARCHIVED ERYSIPELOTHRIX SPP STRAINS TO IDENTIFY CROSS-PROTECTIVE TARGETS FOR FUTURE SECOND GENERATION VACCINE DEVELOPMENT	OPRIESSNIG, TANJA I	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	024759-00001	Research	8/1/2021	7/31/2022	SEPT. 2021	024759
\$50,078	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	DE-3: QUANTIFICATION OF FINANCIAL AND ENVIRONMENTAL BENEFITS TRADEOFF IN MULTI-GENERATIONAL PRODUCT FAMILY DEVELOPMENT CONSIDERING RE-X PERFORMANCES	OKUDAN-KREMER, GUL ERDEM	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR E DESIGN-ENGR	024721-00001	Research	5/12/2021	1/31/2022	SEPT. 2021	024721
\$50,000	MISSISSIPPI STATE UNIVERSITY	BREEDING AND SCREENING SOYBEAN FOR RESISTANCE TO MATURE SEED DAMAGE	MUELLER, DAREN SHANE	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	PLANT PATHOLOGY-EXT	024769-00001	Research	10/1/2021	9/30/2022	SEPT. 2021	024769
\$49,999	RHODE ISLAND HOSPITAL	RESPIRATORY SINUS ARRHYTHMIA AS A PREDICTOR OF SUBSTANCE USE AMONG EARLY ADOLESCENTS	SHIRTCLIFF, ELIZABETH	COLLEGE OF ENGINEERING (ENGR)	VIRTUAL REALITY APPLICATIONS CENTER-ENGR	024836-00001	Research	9/1/2021	6/30/2022	SEPT. 2021	024836
\$48,878	GENVAX TECHNOLOGIES	CATIONIC NANO EMULSIONS (CNE) SYNTHESIS	REUEL, NIGEL FOREST	COLLEGE OF ENGINEERING (ENGR)	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	024800-00001	Research	9/1/2021	2/28/2022	SEPT. 2021	024800
\$48,466	COLLINS AEROSPACE	COLLINS AEROSPACE INITIAL NDE	ZOUGH, REZA	COLLEGE OF ENGINEERING	CENTER FOR NONDESTRUCTIVE	024682-00001	Research	9/1/2021	2/28/2022	SEPT. 2021	024682

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		INVESTIGATION		(ENGR)	EVALUATION-ENGR						
\$48,204	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES; 12-MONTH SUPPORT FOR HANNAH WATKINS	WANNEMUEHLER, MICHAEL	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	024663-00001	Public Service	9/15/2021	9/14/2022	SEPT. 2021	024663
\$48,204	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES; 12-MONTH SUPPORT FOR SAGE BECKER	MCGILL, JODI LYNN	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	024666-00001	Public Service	9/15/2021	9/14/2022	SEPT. 2021	024666
\$44,310	UNIVERSITY OF MARYLAND BALTIMORE COUNTY	COLLABORATIVE RESEARCH: USING MULTI-OMIC ANALYSES AND DYNAMIC MODELING TO UNDERSTAND FUNGAL CELL-WALL STRESS RESPONSES	HARRIS, STEVEN	AG EXPERIMENT STATION (AES)	PLANT PATHOLOGY- AES	024802-00001	Research	7/1/2021	6/30/2022	SEPT. 2021	024802
\$43,000	LAWRENCE LIVERMORE NATIONAL SECURITY LLC- LAWRENCE LIVERMORE NATIONAL LABORATORY	CONTINUATION OF LAPPDS AND DATA ACQUISITION SYSTEMS FOR FAR FIELD RESEARCH AND DEVELOPMENT	WETSTEIN, MATTHEW J	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	PHYSICS & ASTRONOMY-LAS	023585-00001	Research	1/25/2021	1/31/2022	SEPT. 2021	023585
\$41,434	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	HARRIS, STEVEN	AG EXPERIMENT STATION (AES)	ENTOMOLOGY-AES	024635-00001	Public Service	8/1/2021	7/31/2022	SEPT. 2021	024635
\$41,373	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	INHERENT VARIATION IN OXIDATIVE STRESS MEASURES IN BREEDING AND LACTATING GILTS, AND CORRELATION TO MEASURES OF SOW LIFETIME PRODUCTIVITY	STALDER, KENNETH J	AG EXPERIMENT STATION (AES)	ANIMAL SCIENCE- AES	023499-00001	Research	7/1/2020	6/30/2022	SEPT. 2021	023499

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\$40,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	NIFA AG2PI COLLABORATIVE: SEEDING THE FUTURE OF AGRICULTURAL GENOME TO PHENOME RESEARCH FOR CROPS AND LIVESTOCK	SCHNABLE, PATRICK S	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	024256-00001	Research	9/1/2021	8/31/2023	SEPT. 2021	024256
\$40,000	TEXAS RESEARCH INSTITUTE AUSTIN INC	MICROWAVE NDE OF METAL SURFACES THROUGH ELECTROMAGNETICALLY THICK AND LOSSY POLYMERS	AL, QASEER MOHAMMAD TAYEB	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR NONDESTRUCTIVE EVALUATION-ENGR	024702-00001	Research	7/13/2021	1/4/2022	SEPT. 2021	024702
\$40,000	IHI CORPORATION	CENTER FOR NDE MEMBERSHIP	ZOUGH, REZA	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR NONDESTRUCTIVE EVALUATION-ENGR	024754-00001	Research	11/1/2021	10/31/2022	SEPT. 2021	
\$40,000	ROLLS ROYCE	CENTER FOR NDE MEMBERSHIP	ZOUGH, REZA	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR NONDESTRUCTIVE EVALUATION-ENGR	024791-00001	Research	10/1/2021	9/30/2022	SEPT. 2021	
\$37,647	IOWA SOYBEAN ASSOCIATION	UNDER PRESSURE: THE ROLE OF PARTIAL RESISTANCE IN SOYBEAN ON PATHOTYPE DIVERSITY IN PHYTOPHTHORA SOJAE	ROBERTSON, ALISON E	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	PLANT PATHOLOGY-EXT	024751-00001	Research	10/1/2021	9/30/2022	SEPT. 2021	024751
\$36,000	IOWA SOYBEAN ASSOCIATION	CHAFF LINING: A HARVEST WEED SEED CONTROL TECHNOLOGY FOR MITIGATING HERBICIDE RESISTANCE AND GRAIN CONTAMINATION IN IOWA SOYBEAN	JHA, PRASHANT	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	024742-00001	Research	10/1/2021	9/30/2022	SEPT. 2021	024742
\$35,000	UNIVERSITY OF MINNESOTA TWIN CITIES	EVALUATION, QUALITY ASSURANCE, AND QUALITY CONTROL OF DERIVED PRODUCTS FROM THE DAILY	GELDER, BRIAN K	VICE PRESIDENT FOR RESEARCH (VPR)	IOWA WATER CENTER-VPR	024777-00001	Research	6/1/2021	9/30/2022	SEPT. 2021	024777

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		EROSION PROJECT (DEP) DERIVED AUTOMATED HYDRO-CONDITIONED DIGITAL ELEVATION MODEL (AHDDEM)									
\$34,137	IOWA DEPARTMENT OF HUMAN SERVICES	PROMOTING WELLNESS AND INDEPENDENCE FOR MIDLIFE AND OLDER IOWANS THROUGH THE IOWA FOOD ASSISTANCE PROGRAM	FRANCIS, SARAH LUCILLE	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	FOOD SCIENCE & HUMAN NUTRITION-EXT	023186-00001	Public Service	10/1/2020	9/30/2022	SEPT. 2021	023186
\$30,519	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	024698-00001	Public Service	7/1/2021	5/31/2022	SEPT. 2021	024698
\$30,149	WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	FLIGHT DYNAMICS TECHNOLOGY ASSESSMENT	ROTHMAYER, ALRIC PAUL	COLLEGE OF ENGINEERING (ENGR)	AEROSPACE ENGINEERING-ENGR	024834-00001	Research	6/20/2021	9/30/2021	SEPT. 2021	024834
\$30,000	IOWA SOYBEAN ASSOCIATION	APHIDS AND MIDGES-SOMETHING OLD AND SOMETHING NEW IN IOWA SOYBEAN	HODGSON, ERIN WHITNEE	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	ENTOMOLOGY-EXT	024749-00001	Research	10/1/2021	9/30/2022	SEPT. 2021	024749
\$30,000	IOWA SOYBEAN ASSOCIATION	EVALUATING FOLIAR FUNGICIDES AND MONITORING FOR FUNGICIDE RESISTANCE	MUELLER, DAREN SHANE	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	PLANT PATHOLOGY-EXT	024755-00001	Research	10/1/2021	9/30/2022	SEPT. 2021	024755
\$29,991	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	024673-00001	Public Service	8/1/2021	7/31/2022	SEPT. 2021	024673
\$28,843	USDA-	ACQUISITION OF	LAMKEY,	AG	AGRONOMY-AES	024697-00001	Public	8/1/2021	7/31/2022	SEPT.	024697

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	AGRICULTURAL RESEARCH SERVICES (ARS)	GOODS AND SERVICES	KENDALL RAYE	EXPERIMENT STATION (AES)			Service			2021	
\$27,302	IOWA LAKES COMMUNITY COLLEGE	FIRST LEGO LEAGUE	SCHROEDER, CAMILLE A S	COLLEGE OF ENGINEERING (ENGR)	ENGINEERING ADMINISTRATION-ENGR	024725-00001	Public Service	7/1/2021	4/30/2022	SEPT. 2021	024725
\$26,124	UNIVERSITY OF OKLAHOMA	PROBABILISTIC IN-SILICO MODELING-GUIDED MANAGEMENT OF TRICUSPID REGURGITATION IN HYPOPLASTIC LEFT HEART SYNDROME	HSU, MING-CHEN	COLLEGE OF ENGINEERING (ENGR)	VIRTUAL REALITY APPLICATIONS CENTER-ENGR	024770-00001	Research	7/1/2021	6/30/2022	SEPT. 2021	024770
\$25,000	AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING INC	EXPANDING EDUCATIONAL OPPORTUNITIES FOR NONDESTRUCTIVE TESTING TECHNICIANS	ZOUGH, REZA	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR NONDESTRUCTIVE EVALUATION-ENGR	022286-00001	Institutional Support	4/1/2020	6/30/2022	SEPT. 2021	022286
\$24,999	DOD-OFFICE OF NAVAL RESEARCH (ONR)	WORKSHOP ON QUALITY ASSURANCE IN GRADED MATERIALS FOR STRUCTURAL APPLICATIONS	COLLINS, PETER CHANCELLOR	COLLEGE OF ENGINEERING (ENGR)	MATERIALS SCIENCE & ENGINEERING-ENGR	024646-00001	Research	9/1/2021	9/30/2022	SEPT. 2021	024646
\$24,000	IOWA DEPARTMENT OF HUMAN RIGHTS	2021-2022 LOCAL SUPPORT FOR IOWA AMERICORPS PROGRAMS	WEIG, TYLER	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION TO YOUTH & 4H-EXT	024741-00001	Public Service	9/1/2021	8/31/2022	SEPT. 2021	024741
\$23,738	DRAKE UNIVERSITY	FIRST LEGO LEAGUE EXPLORE	SCHROEDER, CAMILLE A S	COLLEGE OF ENGINEERING (ENGR)	ENGINEERING ADMINISTRATION-ENGR	024723-00001	Public Service	7/1/2021	4/30/2022	SEPT. 2021	024723
\$23,500	AMERICAVIEW	STATEVIEW PROGRAM DEVELOPMENT AND OPERATIONS FOR THE STATE OF IOWA	MCNEELY, ROBIN L	COLLEGE OF DESIGN (DSN)	INSTITUTE FOR DESIGN RESEARCH & OUTREACH-DSN	024792-00001	Research	9/18/2021	9/17/2022	SEPT. 2021	024792
\$21,000	NATIONAL CLUB ASSOCIATION	CLUB STAKEHOLDERS VALUE CO-CREATION:	LEE, SOJUNG	COLLEGE OF HUMAN	APPAREL, EVENTS & HOSP MGMT-HS	024752-00001	Research	9/16/2021	9/15/2022	SEPT. 2021	024752

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		MEMBERS, EMPLOYEES, AND LEADERS		SCIENCES (HS)							
\$20,922	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION (AES)	NATIONAL LAB FOR AG & ENVIRONMENT-AES	024694-00001	Public Service	8/1/2021	6/30/2022	SEPT. 2021	024694
\$20,000	DEERE & COMPANY	TECHNICAL EVALUATION OF ROUND BALER MOISTURE SENSORS, PHASE 4	ASKEY, JEFFREY CLARK	AG EXPERIMENT STATION (AES)	BIOCENTURY RESEARCH FARM-AES	024661-00001	Research	8/1/2021	10/31/2022	SEPT. 2021	024661
\$20,000	AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING INC	CORRUGATED SENSING SKIN FOR CONTINUOUS MONITORING OF WELDS	LAFLAMME, SIMON	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR NONDESTRUCTIVE EVALUATION-ENGR	024732-00001	Scholarships & Fellowships	7/15/2021	7/14/2023	SEPT. 2021	024732
\$20,000	FOOD BANK OF IOWA	EQUIPMENT PURCHASE FROM FOOD BANK OF IOWA	VANDERHEYDEN, BRIAN B	VICE PRESIDENT FOR STUDENT AFFAIRS (VPSA)	STUDENT WELLNESS-VPSA	024837-00001	Student Services	8/4/2021	10/13/2021	SEPT. 2021	024837
\$19,745	BODEVET INC	CLINICAL TRIAL IN SUPPORT OF TRAUMA INDICATIONS FOR LYOPHILIZED CANINE BLOOD PRODUCTS	WALTON, REBECCA A	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY CLINICAL SCIENCES-VET	024794-00001	Research	9/2/2021	8/31/2022	SEPT. 2021	024794
\$19,538	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	INFEWS/T4:A VIRTUAL RESOURCE CENTER ENABLING GRADUATE INNOVATIONS AT THE NEXUS OF FOOD, ENERGY, AND WATER SYSTEMS	KOZIEL, JACEK ADAM	AG EXPERIMENT STATION (AES)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	024412-00001	Research	5/28/2021	8/31/2022	SEPT. 2021	024412
\$18,092	ALPACA RESEARCH FOUNDATION	EVALUATION OF AN ALPACA DNA MICROARRAY (GENOMIC SNP CHIP) FOR POTENTIAL USE BY THE NORTH AMERICAN ALPACA INDUSTRY	YOUNGS, CURTIS R	AG EXPERIMENT STATION (AES)	ANIMAL SCIENCE-AES	024662-00001	Research	9/1/2021	8/31/2022	SEPT. 2021	024662

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\$17,500	NAHANT MARSH EDUCATION CENTER	2021-2022 LOCAL SUPPORT FOR IOWA AMERICORPS PROGRAMS	WEIG, TYLER	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION TO YOUTH & 4H-EXT	024709-00001	Public Service	9/1/2021	8/31/2022	SEPT. 2021	024709
\$17,500	ABBOTT LABORATORIES	POLYMER AND FOOD PROTECTION (PFP) CONSORTIUM 2021 MEMBERSHIP; ABBOTT LABORATORIES 2021 PFPC MEMBERSHIP	VORST, KEITH	AG EXPERIMENT STATION (AES)	FOOD SCIENCE & HUMAN NUTRITION-AES	024756-00001	Research	5/1/2021	4/30/2022	SEPT. 2021	
\$17,500	PURFOODS	POLYMER AND FOOD PROTECTION (PFP) CONSORTIUM 2021 MEMBERSHIP; PURFOODS 2021 PFPC MEMBERSHIP	VORST, KEITH	AG EXPERIMENT STATION (AES)	FOOD SCIENCE & HUMAN NUTRITION-AES	024761-00001	Research	5/1/2021	4/30/2022	SEPT. 2021	
\$17,500	TAYLOR FRESH FOODS INC	POLYMER AND FOOD PROTECTION (PFP) CONSORTIUM 2021 MEMBERSHIP; TAYLOR FRESH FOODS 2021 PFPC MEMBERSHIP	VORST, KEITH	AG EXPERIMENT STATION (AES)	FOOD SCIENCE & HUMAN NUTRITION-AES	024762-00001	Research	5/1/2021	4/30/2022	SEPT. 2021	
\$17,500	FRONTIER COOP	POLYMER AND FOOD PROTECTION (PFP) CONSORTIUM 2021 MEMBERSHIP; FRONTIER CO-OP 2021 PFPC MEMBERSHIP	VORST, KEITH	AG EXPERIMENT STATION (AES)	FOOD SCIENCE & HUMAN NUTRITION-AES	024799-00001	Research	5/1/2021	4/30/2022	SEPT. 2021	
\$16,660	UNIVERSITY OF NEBRASKA KEARNEY	SEARCHING FOR HERBIG OE STARS IN THE MID INFRARED	KERTON, CHARLES R	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	PHYSICS & ASTRONOMY-LAS	024733-00001	Research	6/30/2020	6/29/2023	SEPT. 2021	024733
\$16,494	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	024679-00001	Public Service	8/1/2021	7/31/2022	SEPT. 2021	024679



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\$15,924	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	024387-00001	Research	6/1/2021	5/31/2022	SEPT. 2021	
\$15,903	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	HARRIS, STEVEN	AG EXPERIMENT STATION (AES)	PLANT PATHOLOGY-AES	024590-00001	Public Service	8/1/2021	7/31/2022	SEPT. 2021	024590
\$15,000	MERCK & COMPANY INC	PULSATILE RELEASE OF MULTIPLE VACCINE PAYLOADS FROM POLYANHYDRIDE NANOPARTICLES	NARASIMHAN, BALAJI	VICE PRESIDENT FOR RESEARCH (VPR)	NANOVACCINE INSTITUTE-VPR	020245-00001	Research	2/7/2019	5/7/2022	SEPT. 2021	020245
\$15,000	POLK COUNTY CONSERVATION BOARD	2021-2022 LOCAL SUPPORT FOR IOWA AMERICORPS PROGRAMS	WEIG, TYLER	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION TO YOUTH & 4H-EXT	024691-00001	Public Service	9/1/2021	8/31/2022	SEPT. 2021	024691
\$15,000	UNIVERSITY OF GEORGIA	NIAMRRE MEMBERSHIP	PLUMMER, PAUL J	VICE PRESIDENT FOR RESEARCH (VPR)	NATL INST OF AMR RESEARCH & EDUCATION-VPR	024801-00001	Research	7/1/2021	6/30/2022	SEPT. 2021	
\$14,937	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	024524-00001	Public Service	8/1/2021	7/31/2022	SEPT. 2021	024524
\$14,400	NEIGHBORHOOD CENTERS OF JOHNSON COUNTY	2021-2022 LOCAL SUPPORT FOR IOWA AMERICORPS PROGRAMS	WEIG, TYLER	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION TO YOUTH & 4H-EXT	024707-00001	Public Service	9/1/2021	8/31/2022	SEPT. 2021	024707
\$13,690	IOWA DEPARTMENT OF HUMAN SERVICES	NORMATIVE AGING AND MENTAL HEALTH EDUCATION AND TRAINING	GILLIGAN, MEGAN	COLLEGE OF HUMAN SCIENCES (HS)	HUMAN DEVELOPMENT & FAMILY STUDIES-HS	024639-00001	Public Service	9/1/2021	9/30/2022	SEPT. 2021	024639

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\$13,600	SCOTT COUNTY CONSERVATION BOARD	2021-2022 LOCAL SUPPORT FOR IOWA AMERICORPS PROGRAMS	WEIG, TYLER	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION TO YOUTH & 4H-EXT	024683-00001	Public Service	9/1/2021	8/31/2022	SEPT. 2021	024683
\$11,628	IOWA SOYBEAN ASSOCIATION	IOWA CONTRIBUTIONS TO AMPLIFYING EXTENSION IMPACT: AGRONOMISTS COLLABORATIVELY DELIVERING SOYBEAN BEST MANAGEMENT PRACTICES	LICHT, MARK A	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	024746-00001	Research	10/1/2021	9/30/2022	SEPT. 2021	024746
\$11,077	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES; AUGUST AND SEPTEMBER 2021 SUPPORT FOR HALEY GREIMAN	WANNEMUEHLER, MICHAEL	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	024700-00001	Public Service	8/1/2021	7/31/2022	SEPT. 2021	024700
\$11,000	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES; SERB/LAGER SEQUENCING; ARS AGREEMENT 5850301070	SERB, JEANNE M	VICE PRESIDENT FOR RESEARCH (VPR)	OFFICE OF BIOTECHNOLOGY-VPR	024718-00001	Public Service	8/1/2021	7/31/2022	SEPT. 2021	024718
\$10,659	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	INDEXING THE USDA EGGPLANT COLLECTION FOR PSTVD	BLOCK, CHARLES C	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	SEED SCIENCE CENTER-EXT	024695-00001	Research	5/1/2021	4/30/2022	SEPT. 2021	024695
\$10,200	VARIOUS ISUF DONORS- INDUSTRY/ CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	024384-00001	Academic Support	6/1/2021	5/31/2022	SEPT. 2021	
\$10,000	IOWA PORK PRODUCERS ASSOCIATION	SOW MANURE TREATMENT FOR NUTRIENT REMOVAL	ANDERSEN, DANIEL S	AG EXPERIMENT STATION (AES)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	024685-00001	Research	8/1/2021	1/1/2022	SEPT. 2021	024685

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\$9,938	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 (AES)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	021829-00001	Research	9/1/2019	12/31/2021	SEPT. 2021	021829
\$9,300	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	PROOF-OF-CONCEPT IN VITRO EVALUATION OF THE EFFECT OF INDOLES ON INTESTINAL ORGANOIDS IN DOGS	ALLENSPACH-JORN, KARIN	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY CLINICAL SCIENCES-VET	024804-00001	Research	8/30/2021	2/28/2022	SEPT. 2021	024804
\$9,242	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	ACCEPTANCE AND COMMITMENT THERAPY FOR CUSTODIAL GRAND CHILDREN AND CUSTODIAL GRANDPARENTS	LEE, JEONGEUN	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	HUMAN DEVELOPMENT & FAMILY STUDIES-EXT	020737-00001	Public Service	9/1/2019	8/31/2022	SEPT. 2021	020737
\$8,811	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION (AES)	NATIONAL LAB FOR AG & ENVIRONMENT-AES	024717-00001	Public Service	8/1/2021	6/30/2022	SEPT. 2021	024717
\$8,800	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION (AES)	NATIONAL LAB FOR AG & ENVIRONMENT-AES	024716-00001	Public Service	8/1/2021	6/30/2022	SEPT. 2021	024716
\$8,338	FINE AMERICAS INC	FIELD TRIAL - EVALUATING PERFORMANCE OF A CONCISE-10X FORMULATION APPLIED AS SPRAYS OR DRENCHES TO SPRING ANNUAL BEDDING PLANTS	CURREY, CHRISTOPHER JON	AG EXPERIMENT STATION (AES)	HORTICULTURE-AES	024798-00001	Research	10/1/2021	9/30/2022	SEPT. 2021	
\$8,000	BASF	FIELD TRIAL - SOYBEAN	MUELLER, DAREN	VICE	PLANT PATHOLOGY-	024753-00001	Research	4/1/2021	3/31/2022	SEPT.	

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	CORPORATION	COMPETITIVE FUNGICIDE COMPARISONS	SHANE	PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXT					2021	
\$7,500	BLACK HAWK COUNTY CONSERVATION BOARD	2021-2022 LOCAL SUPPORT FOR IOWA AMERICORPS PROGRAMS	WEIG, TYLER	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION TO YOUTH & 4H-EXT	024653-00001	Public Service	9/1/2021	8/31/2022	SEPT. 2021	024653
\$7,200	BUENA VISTA COUNTY AGRICULTURAL EXTENSION DISTRICT	2021-2022 LOCAL SUPPORT FOR IOWA AMERICORPS PROGRAMS	WEIG, TYLER	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION TO YOUTH & 4H-EXT	024704-00001	Public Service	9/1/2021	8/31/2022	SEPT. 2021	024704
\$6,800	ADAMS COUNTY AGRICULTURAL EXTENSION DISTRICT	2021-2022 LOCAL SUPPORT FOR IOWA AMERICORPS PROGRAMS	WEIG, TYLER	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION TO YOUTH & 4H-EXT	024693-00001	Public Service	9/1/2021	8/31/2022	SEPT. 2021	024693
\$6,800	HAMILTON COUNTY AGRICULTURAL EXTENSION DISTRICT	2021-2022 LOCAL SUPPORT FOR IOWA AMERICORPS PROGRAMS	WEIG, TYLER	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION TO YOUTH & 4H-EXT	024705-00001	Public Service	9/1/2021	8/31/2022	SEPT. 2021	024705
\$6,800	DES MOINES COUNTY CONSERVATION BOARD	2021-2022 LOCAL SUPPORT FOR IOWA AMERICORPS PROGRAMS	WEIG, TYLER	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION TO YOUTH & 4H-EXT	024706-00001	Public Service	9/1/2021	8/31/2022	SEPT. 2021	024706
\$6,800	CRAWFORD COUNTY AGRICULTURAL EXTENSION	2021-2022 LOCAL SUPPORT FOR IOWA AMERICORPS PROGRAMS	WEIG, TYLER	VICE PRESIDENT FOR EXTENSION &	EXTENSION TO YOUTH & 4H-EXT	024743-00001	Public Service	9/1/2021	8/31/2022	SEPT. 2021	024743

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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
	DISTRICT			OUTREACH (EXT)							
\$6,032	KEOKUK AREA CHAMBER OF COMMERCE	LEADERSHIP FOR KEOKUK AREA CHAMBER OF COMMERCE	TAYLOR, GARY D	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION COMMUNITIES-EXT	015742-00001	Public Service	7/1/2016	6/30/2022	SEPT. 2021	015742
\$6,000	IOWA DEPARTMENT OF PUBLIC HEALTH	MOU-2021-ISU25; SYNAR - UNDERAGE TOBACCO SALES	SHELLEY, MACK CLAYTON	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	POLITICAL SCIENCE-LAS	024729-00001	Research	7/1/2020	6/30/2021	SEPT. 2021	024729
\$5,836	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF NOVASEQ SERVICES	SERB, JEANNE M	VICE PRESIDENT FOR RESEARCH (VPR)	OFFICE OF BIOTECHNOLOGY-VPR	022878-00001	Public Service	8/1/2020	7/31/2021	SEPT. 2021	022878
\$5,484	UNIVERSITY OF IOWA	AUTOMATION OF VIDEO DATA REDUCTION FOR FARM EQUIPMENT	SHARMA, ANUJ	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	020668-00001	Research	9/30/2018	9/29/2021	SEPT. 2021	020668
\$5,250	IOWA DEPARTMENT OF PUBLIC HEALTH	ADVANCING SUBSTANCE USE RECOVERY IN IOWA-RECONET II	DORIUS, SHAWN FLETCHER	AG EXPERIMENT STATION (AES)	SOCIOLOGY AND CRIMINAL JUSTICE-AES	023445-00001	Public Service	9/30/2020	9/29/2021	SEPT. 2021	023445
\$5,000	USDA-ECONOMIC RESEARCH SERVICE (ERS)	R&D AND AGRICULTURAL PRODUCTIVITY GROWTH IN THE UNITED STATES: PATENT DATA AND KNOWLEDGE STOCKS	MOSCHINI, GIANCARLO	AG EXPERIMENT STATION (AES)	CENTER FOR AGRICULTURAL & RURAL DEVELOPMENT-AES	019372-00001	Research	8/1/2018	12/31/2021	SEPT. 2021	019372
\$5,000	VALENT USA CORPORATION	FIELD TRIAL - RELATIVE PERFORMANCE OF SOYBEAN PACKAGE TO COMPETITIVE STANDARDS FOR SDS	MUELLER, DAREN SHANE	VICE PRESIDENT FOR EXTENSION & OUTREACH	PLANT PATHOLOGY-EXT	024650-00001	Research	5/1/2021	4/30/2022	SEPT. 2021	

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		MANAGEMENT		(EXT)							
\$4,785	UNIVERSITY OF GEORGIA	ECONOMIC ANALYSIS OF COVER CROP UTILIZATION IN COTTON PRODUCTION	PLASTINA, ALEJANDRO	AG EXPERIMENT STATION (AES)	ECONOMICS-AES	024833-00001	Research	1/1/2021	12/31/2021	SEPT. 2021	024833
\$4,231	IOWA DEPARTMENT OF CULTURAL AFFAIRS	ANALYSIS OF ECONOMIC TRENDS IN IOWA GREAT PLACES PROGRAM COMMUNITIES	EATHINGTON, LIESL	AG EXPERIMENT STATION (AES)	ECONOMICS-AES	024667-00001	Research	9/1/2021	10/29/2021	SEPT. 2021	024667
\$4,231	IOWA DEPARTMENT OF CULTURAL AFFAIRS	ANALYSIS OF ECONOMIC CONTRIBUTIONS OF ARTS/CULTURAL INDUSTRIES IN IOWA GREAT PLACES COMMUNITIES PART 2	EATHINGTON, LIESL	AG EXPERIMENT STATION (AES)	ECONOMICS-AES	024824-00001	Research	9/1/2021	10/29/2021	SEPT. 2021	024824
\$4,000	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	023122-00001	Public Service	10/1/2020	9/30/2021	SEPT. 2021	023122
\$3,900	WOODBURY COUNTY AGRICULTURAL EXTENSION DISTRICT	2021-2022 LOCAL SUPPORT FOR IOWA AMERICORPS PROGRAMS	WEIG, TYLER	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION TO YOUTH & 4H-EXT	024690-00001	Public Service	9/1/2021	8/31/2022	SEPT. 2021	024690
\$3,750	EARTHSHIFT GLOBAL LLC	ENVIRONMENTAL ASSESSMENT OF CORN WET MILLING	ROSENTRATER, KURT A	AG EXPERIMENT STATION (AES)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	024664-00001	Research	8/16/2021	12/31/2021	SEPT. 2021	024664
\$3,333	LINN COUNTY AGRICULTURAL EXTENSION DISTRICT	2022 RISING STAR INTERNSHIP - LINN CAED - REGION 11	GORDON, RAEANN	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	COOPERATIVE EXTENSION FIELD PROGRAM-EXT	024735-00001	Public Service	5/1/2022	12/31/2022	SEPT. 2021	024735
\$3,000	GOWAN COMPANY	FIELD TRIAL -	MUELLER, DAREN	VICE	PLANT PATHOLOGY-	024657-00001	Research	4/1/2021	3/31/2022	SEPT.	

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	LLC	EVALUATION OF AFFICANCE-DOMARK FUNGICIDE APPLICATION AT V5 ON CORN	SHANE	PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXT					2021	
\$2,830	SOUTHWESTERN COMMUNITY COLLEGE	FIRST LEGO LEAGUE EXPLORE	SCHROEDER, CAMILLE A S	COLLEGE OF ENGINEERING (ENGR)	ENGINEERING ADMINISTRATION-ENGR	024677-00001	Public Service	7/1/2021	4/30/2022	SEPT. 2021	024677
\$2,600	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	023123-00001	Public Service	10/1/2020	9/30/2021	SEPT. 2021	023123
\$2,158	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	HARRIS, STEVEN	AG EXPERIMENT STATION (AES)	ENTOMOLOGY-AES	024675-00001	Public Service	8/1/2021	7/31/2022	SEPT. 2021	024675
\$2,013	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES; SERB/OLSEN SEQUENCING; ARS AGREEMENT 5850301066	SERB, JEANNE M	VICE PRESIDENT FOR RESEARCH (VPR)	OFFICE OF BIOTECHNOLOGY- VPR	024713-00001	Public Service	8/1/2021	7/31/2022	SEPT. 2021	024713
\$1,950	WOODBURY COUNTY CONSERVATION BOARD	2021-2022 LOCAL SUPPORT FOR IOWA AMERICORPS PROGRAMS	WEIG, TYLER	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION TO YOUTH & 4H-EXT	024711-00001	Public Service	9/1/2021	8/31/2022	SEPT. 2021	024711
\$1,950	ADAIR COUNTY CONSERVATION BOARD	2021-2022 LOCAL SUPPORT FOR IOWA AMERICORPS PROGRAMS	WEIG, TYLER	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION TO YOUTH & 4H-EXT	024737-00001	Public Service	9/1/2021	8/31/2022	SEPT. 2021	024737
\$1,500	STANDARD GOLF COMPANY	FIELD TRIAL - EVALUATING GREENACTIVATOR ON GOLF COURSE	THOMS, ADAM WILLIAM	AG EXPERIMENT STATION (AES)	HORTICULTURE-AES	024796-00001	Research	8/15/2021	5/31/2022	SEPT. 2021	

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		FAIRWAYS									
\$1,117	LEE COUNTY AGRICULTURAL EXTENSION DISTRICT	COMMUNITY DEVELOPMENT FOR LEE AND SURROUNDING COUNTIES	TAYLOR, GARY D	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION COMMUNITIES-EXT	015741-00001	Public Service	7/1/2016	6/30/2022	SEPT. 2021	015741
\$500	UNIVERSITY OF KENTUCKY	CMI AFFILIATE PROGRAM MEMBERSHIP	LOGRASSO, THOMAS ANTHONY	AMES LABORATORY (AMES LAB)	AMES LABORATORY DOE-VPR	024738-00001	Research	7/1/2021	6/30/2022	SEPT. 2021	
\$500	LOUISA COUNTY AGRICULTURAL EXTENSION DISTRICT	COVID-19 RESPONSE AND RECOVERY MARKETING CAMPAIGN FOR THE STATE OF IOWA	BRIMEYER, JILL	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION ORGANIZATIONAL ADVANCEMENT-EXT	024765-00001	Public Service	4/8/2021	5/31/2021	SEPT. 2021	024765
\$125	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	024579-00001	Operations & Maintenance	6/1/2021	5/31/2022	SEPT. 2021	