

**Calendar Year:** 2021  
**Month:** Feb

**Award Count:** 92  
**Award Total:** \$63,985,000

Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
\$21,592,836	ED-US DEPARTMENT OF EDUCATION	IOWA STATE UNIVERSITY CARES ACT HIGHER EDUCATION EMERGENCY RELIEF FUND	CAIN, PAMELA ELLIOTT	SVP-UNIV SERVICES (UNSRV)	SR VP FOR UNIVERSITY SERVICES-UNSRV	022331-00001	Institutional Support	5/6/2020	5/5/2021	FEB. 2021	022331
\$12,741,429	ED-US DEPARTMENT OF EDUCATION	PELL GRANT, FY21	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT AFFAIRS (VPSA)	STUDENT FINANCIAL AID-VPSA	023128-00001	Student Financial Aid	7/1/2020	6/30/2021	FEB. 2021	
\$10,849,429	ED-US DEPARTMENT OF EDUCATION	IOWA STATE UNIVERSITY CARES ACT HIGHER EDUCATION EMERGENCY RELIEF FUND	CAIN, PAMELA ELLIOTT	SVP-UNIV SERVICES (UNSRV)	SR VP FOR UNIVERSITY SERVICES-UNSRV	022261-00001	Student Financial Aid	4/21/2020	1/16/2022	FEB. 2021	022261
\$2,389,154	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	FEB. 2021	4012501
\$1,001,125	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	022741-00001	Institutional Support	6/1/2020	5/31/2021	FEB. 2021	
\$929,511	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	022732-00001	Scholarships & Fellowships	6/1/2020	5/31/2021	FEB. 2021	
\$857,939	IOWA DEPARTMENT OF NATURAL RESOURCES	AMBIENT LAKE MONITORING 2021-2023	CRUMPTON, WILLIAM G	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	023628-00001	Research	1/1/2021	1/31/2024	FEB. 2021	023628
\$829,043	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	022734-00001	Operations & Maintenance	6/1/2020	5/31/2021	FEB. 2021	

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		DONATIONS									
\$729,805	NIH-NATIONAL INSTITUTE OF ALLERGY & INFECTIOUS DISEASES (NIAID)	COMBINATION NANOVACCINE-MEDIATED PROTECTION AGAINST INFLUENZA VIRUS IN THE AGED: IMMUNITY AND PROTECTION	KOHUT, MARIAN LOUISE	VICE PRESIDENT FOR RESEARCH (VPR)	NANOVACCINE INSTITUTE-VPR	023680-00001	Research	2/16/2021	1/31/2022	FEB. 2021	023680
\$668,083	NIH-NATIONAL INSTITUTES OF HEALTH	DEVELOPING SECOND GENERATION SCID PIG MODELS: FILLING THE GAPS TO IMPROVE TRANSLATION OF THERAPEUTICS IN REGENERATIVE MEDICINE	TUGGLE, CHRISTOPHER KEITH	AG EXPERIMENT STATION (AES)	ANIMAL SCIENCE-AES	022042-00001	Research	2/15/2020	1/31/2022	FEB. 2021	022042
\$650,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	INTENSIVE ASSESSMENT OF ANIMAL WELFARE AND OUTCOME OF HOSPITAL AND CHRONIC FEEDLOT CATTLE	DEWELL, GRANT ALAN	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	023665-00001	Research	7/1/2021	6/30/2025	FEB. 2021	023665
\$638,004	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	022731-00001	Institutional Support	6/1/2020	5/31/2021	FEB. 2021	
\$637,941	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: BIOCHEMICAL AND STRUCTURAL MECHANISM OF THE WASH REGULATORY COMPLEX	CHEN, BAOYU	AG EXPERIMENT STATION (AES)	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES	023494-00001	Research	2/1/2021	1/31/2026	FEB. 2021	023494

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\$629,067	NIH-NATIONAL INSTITUTE OF ALLERGY & INFECTIOUS DISEASES (NIAID)	EMERGING MULTIDRUG RESISTANCE MECHANISMS IN CAMPYLOBACTER	ZHANG, QIJING	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	022273-00001	Research	3/17/2020	2/28/2022	FEB. 2021	022273
\$499,998	MICHAEL J FOX FOUNDATION	PHARMACOLOGICAL TARGETING OF COLONY-STIMULATING FACTOR 1 RECEPTOR (CSF-1R) TO MODIFY DISEASE PROGRESSION IN PRECLINICAL EXPERIMENTAL MODELS OF PARKINSON'S DISEASE (PD)	KANTHASAMY, ARTHI	COLLEGE OF VETERINARY MEDICINE (VET)	IOWA CENTER FOR ADVANCED NEUROTOXICOLOGY-VET	023670-00001	Research	2/18/2021	2/17/2023	FEB. 2021	023670
\$476,870	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	MAPPING OFF-TARGET EFFECTS OF PESTICIDE CONTAMINATION THROUGH INSECT EXPOSURE WITH INFIELD GRAPHENE-BASED BIOSENSORS AND OPEN MICROFLUIDICS	CLAUSSEN, JONATHAN	COLLEGE OF ENGINEERING (ENGR)	VIRTUAL REALITY APPLICATIONS CENTER-ENGR	023693-00001	Research	3/1/2021	2/29/2024	FEB. 2021	023693
\$466,580	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: UNDERSTANDING PEROXISOMAL STRESS RESPONSES	BAI, HUA	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	023608-00001	Research	3/1/2021	2/28/2026	FEB. 2021	023608
\$394,264	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: LEARNING SMART METER DATA TO ENHANCE DISTRIBUTION	WANG, ZHAOYU	COLLEGE OF ENGINEERING (ENGR)	ELECTRIC POWER RESEARCH CENTER-ENGR	023597-00001	Research	2/1/2021	1/31/2026	FEB. 2021	023597

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		GRID MODELING AND OBSERVABILITY									
\$393,097	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	BIOSECURITY COURSES FOR VETERINARY AUDIENCES TO INCREASE IMPLEMENTATION OF PRACTICAL MEASURES TO PROTECT ANIMAL HEALTH	ROTH, JAMES ALLEN	COLLEGE OF VETERINARY MEDICINE (VET)	CTR FOR FOOD SECURITY & PUBLIC HEALTH-VET	023678-00001	Public Service	3/1/2021	12/31/2022	FEB. 2021	023678
\$342,069	DOD-NAVY	MONITORING SURVIVAL AND DEMOGRAPHY OF MICRONESIAN STARLINGS ON ANDERSEN AIR FORCE BASE (AAFB)	ROGERS, HALDRE STAR	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	021150-00001	Research	8/5/2019	2/4/2022	FEB. 2021	021150
\$334,110	NORTHEAST GAS ASSOCIATION	ADVANCED RADIOGRAPHY INSPECTION OF PLASTIC PIPELINES FOR NATURAL GAS INDUSTRY	CHIOU, CHIEN-PING THOMAS	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR NONDESTRUCTIVE EVALUATION-ENGR	021486-00001	Research	8/1/2019	6/30/2022	FEB. 2021	021486
\$326,956	IOWA DEPARTMENT OF PUBLIC HEALTH	PILOTING A HEALTH INFORMATION PLATFORM TO MONITOR AND EVALUATE SUBSTANCE USE IN IOWA	DORIUS, CASSANDRA JO	COLLEGE OF HUMAN SCIENCES (HS)	HUMAN DEVELOPMENT & FAMILY STUDIES-HS	023484-00001	Public Service	1/1/2021	8/31/2021	FEB. 2021	023484
\$276,820	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	DAILY BIOSECURITY AND ORGANIC/NON-CONVENTIONAL LIVESTOCK PRODUCTION:	ROTH, JAMES ALLEN	COLLEGE OF VETERINARY MEDICINE (VET)	CTR FOR FOOD SECURITY & PUBLIC HEALTH-VET	023687-00001	Public Service	3/1/2021	12/31/2022	FEB. 2021	023687

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		INCREASING AWARENESS OF PRODUCERS AND THE ANIMAL HEALTH PARTNERS WHO SERVE THEM									
\$250,000	UNIVERSITY OF NEBRASKA LINCOLN	UNL SUPPORT OF NIAMRRE	PLUMMER, PAUL J	VICE PRESIDENT FOR RESEARCH (VPR)	NATL INST OF AMR RESEARCH & EDUCATION-VPR	020690-00001	Institutional Support	7/1/2018	6/30/2021	FEB. 2021	4007784
\$238,287	NIH-INSTITUTE ON AGING (NIA)	INSULIN RESISTANCE, BIOMARKERS OF BRAIN FUNCTION, AND INTERMITTENT CALORIE RESTRICTION	WILLETTE, AURIEL ADONAI	COLLEGE OF HUMAN SCIENCES (HS)	FOOD SCIENCE & HUMAN NUTRITION-HS	016236-00001	Research	9/30/2016	12/31/2021	FEB. 2021	4302807
\$226,699	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	022736-00001	Institutional Support	6/1/2020	5/31/2021	FEB. 2021	
\$210,466	ED-US DEPARTMENT OF EDUCATION	TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION (TEACH) GRANT, FY21	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT AFFAIRS (VPSA)	STUDENT FINANCIAL AID-VPSA	023129-00001	Scholarships & Fellowships	7/1/2020	6/30/2021	FEB. 2021	
\$200,969	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	022742-00001	Scholarships & Fellowships	6/1/2020	5/31/2021	FEB. 2021	
\$194,248	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	2020 NADPRP HEAT TREATMENT SWINE DEPOP	RAMIREZ, BRETT CARLOS	AG EXPERIMENT STATION (AES)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	023664-00001	Research	2/15/2021	2/14/2023	FEB. 2021	023664

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\$185,857	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	022730-00001	Academic Support	6/1/2020	5/31/2021	FEB. 2021	
\$175,000	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	IOWA NASA EPSCOR	GONZALEZ-TORRES, TOMAS L	COLLEGE OF ENGINEERING (ENGR)	AEROSPACE ENGINEERING-ENGR	021068-00001	Research	9/6/2019	9/5/2022	FEB. 2021	021068
\$175,000	DEERE & COMPANY	PLANTER INNOVATIONS, PHASE 2	DARR, MATTHEW JOHN	AG EXPERIMENT STATION (AES)	BIOCENTURY RESEARCH FARM-AES	023671-00001	Research	11/1/2020	10/31/2021	FEB. 2021	023671
\$174,160	IOWA DEPARTMENT OF NATURAL RESOURCES	WATER QUALITY MATTERS TO US ALL REVISITED	COMITO, JACQUELINE M	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT	023649-00001	Public Service	2/1/2021	1/31/2023	FEB. 2021	023649
\$169,750	IOWA DEPARTMENT OF PUBLIC HEALTH	ADVANCING SUBSTANCE USE RECOVERY IN IOWA-RECONET II	DORIUS, SHAWN FLETCHER	AG EXPERIMENT STATION (AES)	SOCIOLOGY-AES	023445-00001	Public Service	9/30/2020	9/29/2021	FEB. 2021	023445
\$169,499	BROOKHAVEN SCIENCE ASSOCIATES-BROOKHAVEN NATIONAL LABORATORY	THE US ATLAS ANALYSIS SUPPORT	COCHRAN, JAMES	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	PHYSICS & ASTRONOMY-LAS	005913-00001	Research	5/18/2009	9/30/2021	FEB. 2021	4042101
\$165,135	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	022739-00001	Operations & Maintenance	6/1/2020	5/31/2021	FEB. 2021	
\$160,803	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: CONTROL POINTS ON NUTRIENT CYCLING IN HYPEREUTROPHIC	WILKINSON, GRACE MARIE	AG EXPERIMENT STATION (AES)	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES	021953-00001	Research	2/1/2020	1/31/2025	FEB. 2021	021953

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		LAKES									
\$159,999	NSF-NATIONAL SCIENCE FOUNDATION	SYNTHESIS, STRUCTURES, AND PROPERTIES OF NEW MIXED OXY-SULFIDE-NITRIDE GLASSY SOLID ELECTROLYTES	MARTIN, STEVE WARTHEN	COLLEGE OF ENGINEERING (ENGR)	MATERIALS SCIENCE & ENGINEERING-ENGR	021818-00001	Research	1/1/2020	12/31/2023	FEB. 2021	021818
\$136,022	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	022737-00001	Scholarships & Fellowships	6/1/2020	5/31/2021	FEB. 2021	
\$122,603	CLEMSON UNIVERSITY	DEVELOPMENT OF AN AUTOMATED DIAGNOSTIC PLATFORM FOR SARS-COV-2 MONITORING IN VULNERABLE AREAS	GOMES, CARMEN LUIZA	COLLEGE OF ENGINEERING (ENGR)	VIRTUAL REALITY APPLICATIONS CENTER-ENGR	023623-00001	Research	12/21/2020	11/30/2021	FEB. 2021	023623
\$118,098	PERCEV LLC	PROBABILISTIC AND EXPLAINABLE DEEP LEARNING FOR THE INTUITIVE PREDICTIVE MAINTENANCE OF INDUSTRIAL AND AGRICULTURAL EQUIPMENT	HU, CHAO	COLLEGE OF ENGINEERING (ENGR)	MECHANICAL ENGINEERING-ENGR	023614-00001	Research	12/15/2020	11/30/2021	FEB. 2021	023614
\$118,000	IOWA DEPARTMENT OF CULTURAL AFFAIRS	RECOVERY PROGRAM GRANT	KOOLBECK, TAMARA	PRESIDENT (PRES)	ATHLETIC DEPARTMENT-PRES	023492-00001	Institutional Support	3/1/2020	12/30/2020	FEB. 2021	023492
\$117,929	CHR HANSEN	EFFECT OF PROBIOTICS ON LAWSONIA INTRACELLULARIS CHALLENGE IN THE	OPRIESSNIG, TANJA I	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	023610-00001	Research	1/1/2021	12/31/2021	FEB. 2021	023610

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		CONVENTIONAL PIG MODEL									
\$117,000	PRATT & WHITNEY - A DIVISION OF UNITED TECHNOLOGIES CORPORATION	ISU TASK 81	ROBERTS, RONALD ALLEN	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR NONDESTRUCTIVE EVALUATION-ENGR	023646-00001	Research	1/1/2021	8/31/2021	FEB. 2021	023646
\$100,000	IOWA DEPARTMENT OF TRANSPORTATION	IOWA DOT OFFICE OF TRAFFIC OPERATIONS CAV RESEARCH SUPPORT	HAWKINS, NEAL R	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	022592-00001	Research	12/1/2017	6/30/2021	FEB. 2021	022592
\$99,948	NSF-NATIONAL SCIENCE FOUNDATION	CONVERGENCE ACCELERATOR WORKSHOP: DIGITAL AND PRECISION AGRICULTURE	REECY, JAMES M	VICE PRESIDENT FOR RESEARCH (VPR)	VICE PRESIDENT FOR RESEARCH-VPR	023692-00001	Research	3/1/2021	8/31/2021	FEB. 2021	023692
\$98,333	UNIVERSITY OF TEXAS DALLAS	ROBUST ATE MULTI-SITE HW DESIGN TO ENABLE EFFECTIVE ANALOG PERFORMANCE TESTING IN ANALOG-MIXED-SIGNAL (AMS) SOCS	CHEN, DEGANG	COLLEGE OF ENGINEERING (ENGR)	ELECTRICAL & COMPUTER ENGR-ENGR	021079-00001	Research	5/1/2019	12/31/2021	FEB. 2021	021079
\$86,617	VANASSE HANGEN BRUSTLIN INC	MANAGEMENT AND MAINTENANCE OF THE HIGHWAY SAFETY INFORMATION SYSTEM	HALLMARK, SHAUNA L	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	023642-00001	Research	12/29/2020	9/28/2022	FEB. 2021	023642
\$81,000	IOWA ECONOMIC DEVELOPMENT AUTHORITY	DEMONSTRATION AND TECHNOLOGY TRANSFER FOR A MOBILE MICROGRID	KIMBER, ANNE	COLLEGE OF ENGINEERING (ENGR)	ELECTRIC POWER RESEARCH CENTER-ENGR	023607-00001	Research	1/4/2021	12/31/2021	FEB. 2021	023607



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		FOR ENERGY RESILIENCY									
\$80,000	UNIVERSITY OF TEXAS DALLAS	ARCHITECTURE AND DFT METHODS FOR IMPROVING LIFE TIME RELIABILITY AND FUNCTIONAL SAFETY OF ELECTRONIC CIRCUITS AND SYSTEMS OUT OF APPLICATION CONTEXT	CHEN, DEGANG	COLLEGE OF ENGINEERING (ENGR)	ELECTRICAL & COMPUTER ENGR-ENGR	021834-00001	Research	1/1/2020	12/31/2021	FEB. 2021	021834
\$76,488	IOWA DEPARTMENT OF NATURAL RESOURCES	STATE FOREST NURSERY EDUCATIONAL OPPORTUNITY	DINSMORE, STEPHEN J	AG EXPERIMENT STATION (AES)	NATURAL RESOURCE ECOLOGY & MGMT-AES	023310-00001	Research	10/12/2020	6/30/2021	FEB. 2021	023310
\$72,870	IOWA DEPARTMENT OF TRANSPORTATION	AURORA PROGRAM MANAGEMENT 2020	HANS, ZACHARY N	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	021975-00001	Research	1/1/2020	12/31/2021	FEB. 2021	021975
\$66,148	BOSTON COLLEGE	SEEDING THE NEXT GENERATION OF STEM: MERGING TRANSPARENT SOIL AND COMPUTER SCIENCE	HALVERSON, LARRY J	AG EXPERIMENT STATION (AES)	PLANT PATHOLOGY-AES	018703-00001	Research	3/1/2018	2/28/2022	FEB. 2021	4046205
\$65,000	NATIONAL ACADEMIES	DEVELOPMENT OF IN-SITU CYCLIC BOREHOLE SHEAR SOIL TEST DEVICE	ASHLOCK, JERAMY CURTIS	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	021787-00001	Research	1/1/2020	12/31/2021	FEB. 2021	021787
\$56,660	OHIO STATE UNIVERSITY	DEVELOPING THE PERFECT MOLECULAR MARKERS AND NEW	ROBERTSON, ALISON E	VICE PRESIDENT FOR EXTENSION &	PLANT PATHOLOGY-EXT	021915-00001	Research	1/1/2020	2/28/2021	FEB. 2021	021915

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		GERMPLASM FOR RAPID INCORPORATION OF RESISTANCE TO SOIL BORNE PATHOGENS OF SOYBEAN		OUTREACH (EXT)							
\$56,366	IOWA HOMELAND SECURITY & EMERGENCY MANAGEMENT DIVISION	COVID-19 FEMA REIMBURSEMENTS - STATE OF IOWA CONTRIBUTIONS	WHALEN, BONNIE SUE	SVP-UNIV SERVICES (UNSRV)	SR VP FOR UNIVERSITY SERVICES-UNSRV	023669-00001	Institutional Support	5/15/2020	5/14/2021	FEB. 2021	023669
\$54,681	USDA-FOREIGN AGRICULTURAL SERVICE (FAS)	CFP FY21 GRAIN PROCUREMENT FOR ALGERIA	MAIER, DIRK EBERHARD	AG EXPERIMENT STATION (AES)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	023663-00001	Scholarships & Fellowships	2/5/2021	12/31/2021	FEB. 2021	023663
\$53,568	SOUTH DAKOTA STATE UNIVERSITY	CHARACTERIZATION OF CORN HARVESTED AT HIGH MOISTURE IN CATTLE FEEDING YARDS IN THE UPPER MIDWEST	LOY, DANIEL DWIGHT	AG EXPERIMENT STATION (AES)	ANIMAL SCIENCE-AES	023609-00001	Research	1/15/2021	1/14/2024	FEB. 2021	023609
\$52,683	VARIOUS ISUF DONORS-INDUSTRY/ CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	022735-00001	Academic Support	6/1/2020	5/31/2021	FEB. 2021	
\$51,363	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	022740-00001	Academic Support	6/1/2020	5/31/2021	FEB. 2021	
\$50,579	MULTIMIN USA	ANIMAL PRODUCT TRIAL - MINERAL PRODUCTS FOR BEEF CATTLE: COMPARISON OF BOLUS, DRENCH,	HANSEN, STEPHANIE L	AG EXPERIMENT STATION (AES)	ANIMAL SCIENCE-AES	023650-00001	Research	3/1/2021	2/27/2022	FEB. 2021	023650

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\$50,030	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	022743-00001	Research	6/1/2020	5/31/2021	FEB. 2021	
\$46,500	IOWA DEPARTMENT OF TRANSPORTATION	MIDWEST SMART WORK ZONE DEPLOYMENT INITIATIVE 2020	KNAPP, KEITH K	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	022214-00001	Research	1/1/2020	12/31/2021	FEB. 2021	022214
\$46,000	RMC RESEARCH & EDUCATION FOUNDATION	UPDATE TO GUIDE TO CONCRETE OVERLAYS OF ASPHALT PARKING LOTS	SMITH, GORDON LEE	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	023626-00001	Research	3/1/2021	8/31/2021	FEB. 2021	023626
\$42,054	IOWA BEEF INDUSTRY COUNCIL	BEEF QUALITY ASSURANCE EDUCATION IN IOWA	LOY, DANIEL DWIGHT	AG EXPERIMENT STATION (AES)	ANIMAL SCIENCE-AES	023611-00001	Public Service	9/1/2020	9/30/2021	FEB. 2021	023611
\$35,000	HDR INC	ALTERNATIVE FUNDING APPROACHES FOR IOWA ROADS	SHAW, JOHN WILLIAM	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	023685-00001	Research	2/19/2021	2/28/2022	FEB. 2021	023685
\$31,800	UNIVERSITY OF NEVADA RENO	UNDERSTANDING THE LOCAL STRUCTURE-PROPERTY RELATIONSHIPS OF SOLDERS IN TERRESTRIAL VS. MICROGRAVITY ENVIRONMENTS	PATHAK, SIDDHARTHA	COLLEGE OF ENGINEERING (ENGR)	MATERIALS SCIENCE & ENGINEERING-ENGR	023625-00001	Research	8/1/2020	12/31/2021	FEB. 2021	023625
\$30,192	NIH-INSTITUTE ON AGING (NIA)	AUTONOMOUS AND NON-AUTONOMOUS REGULATION OF CARDIAC AGING	BAI, HUA	COLLEGE OF LIBERAL ARTS & SCIENCES	GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	020146-00001	Research	1/15/2019	11/30/2021	FEB. 2021	4302153

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				(LAS)							
\$28,106	VA-US DEPARTMENT OF VETERANS AFFAIRS	IL-1-BASED IMMUNOTHERAPY IN HNSCC	NARASIMHAN, BALAJI	VICE PRESIDENT FOR RESEARCH (VPR)	NANOVACCINE INSTITUTE-VPR	022360-00001	Research	5/14/2020	2/28/2022	FEB. 2021	022360
\$27,917	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	FACILITATING FOREIGN ANIMAL DISEASE PREPAREDNESS WORKSHOPS	BICKETT-WEDDLE, DANELLE A	COLLEGE OF VETERINARY MEDICINE (VET)	CTR FOR FOOD SECURITY & PUBLIC HEALTH-VET	022048-00001	Public Service	2/21/2020	12/31/2021	FEB. 2021	022048
\$26,165	UNIVERSITY OF IOWA	A STUDY TO EXPLORE THE EFFECT OF EXTERNAL BEAM RADIATION ON THE STRENGTH AND HISTOLOGY OF LONG BONES IN A CANINE MODEL	JOHANNES, CHAD M	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY CLINICAL SCIENCES-VET	023648-00001	Research	2/1/2021	6/30/2022	FEB. 2021	023648
\$23,570	PURINA ANIMAL NUTRITION LLC	ANIMAL PRODUCT TRIAL - IMPROVING EGG QUALITY AND EGGSHELL PERFORMANCE IN LATE LAY HENS	KOLTES, DAWN ANNETTE	AG EXPERIMENT STATION (AES)	ANIMAL SCIENCE-AES	023674-00001	Research	1/4/2021	6/30/2021	FEB. 2021	023674
\$21,127	CITY OF AMES IOWA	PERFORMANCE EVALUATION, OPTIMIZATION, AND OPERATION OF THE AMES WATER TREATMENT PLANT	ELLIS, TIMOTHY GAGE	COLLEGE OF ENGINEERING (ENGR)	CIVIL, CONSTRUCTION & ENVIRONMENTAL ENGINEERING-ENGR	023602-00001	Research	8/15/2020	12/31/2021	FEB. 2021	023602
\$19,500	PIVOT BIO INC	FIELD TRIAL	ROBERTSON, ALISON E	VICE PRESIDENT FOR EXTENSION & OUTREACH	PLANT PATHOLOGY-EXT	023612-00001	Research	8/19/2020	7/31/2021	FEB. 2021	

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				(EXT)							
\$16,100	ADAMA USA	FIELD TRIAL	MUELLER, DAREN SHANE	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	PLANT PATHOLOGY-EXT	023673-00001	Research	6/1/2020	5/31/2021	FEB. 2021	
\$15,000	NORTH DAKOTA STATE UNIVERSITY	BIO-BASED CORE-SHELL IMPACT MODIFIERS TO INCREASE TOUGHNESS OF COMPOSITES AND ADHESIVES	COCHRAN, ERIC W	COLLEGE OF ENGINEERING (ENGR)	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	023624-00001	Research	1/1/2021	12/31/2021	FEB. 2021	023624
\$14,068	IOWA DEPARTMENT OF NATURAL RESOURCES	PRAIRIE RESOURCE CENTER EDUCATIONAL OPPORTUNITY	DINSMORE, STEPHEN J	AG EXPERIMENT STATION (AES)	NATURAL RESOURCE ECOLOGY & MGMT-AES	023309-00001	Research	10/10/2020	6/30/2021	FEB. 2021	023309
\$12,700	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	022738-00001	Research	6/1/2020	5/31/2021	FEB. 2021	
\$11,000	RISING SUN SOLAR	A MACHINE LEARNING SYSTEM TO ESTIMATE THE AMOUNT OF SOLAR PANELS TO PUT ON ROOFS BASED ON GIS IMAGES	BAO, SHENG	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	COMPUTER SCIENCE-LAS	023672-00001	Research	1/1/2021	6/30/2021	FEB. 2021	023672
\$8,000	IOWA VALLEY RC&D	BUILDING SUSTAINABLE LOGISTICS AND TRANSPORTATION SYSTEMS FOR LOCAL FOOD SUPPLY	MACKENZIE, CAMERON	COLLEGE OF ENGINEERING (ENGR)	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	023675-00001	Research	4/1/2020	3/31/2022	FEB. 2021	023675
\$6,000	NEBRASKA GAME	MULTI-STATE	JANKE, ADAM	VICE	NATURAL RESOURCE	023601-00001	Research	1/31/2021	12/31/2022	FEB.	023601

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	AND PARKS COMMISSION	ANALYSIS OF ENVIRONMENTAL BIAS IN ROADSIDE SURVEYS OF RING-NECKED PHEASANT AND NORTHERN BOBWHITE	K	PRESIDENT FOR EXTENSION & OUTREACH (EXT)	ECOLOGY & MGMT-EXT					2021	
\$6,000	NATIONAL TURFGRASS EVALUATION PROGRAM INC	FIELD TRIAL - 2020 NATIONAL BENTGRASS (FAIRWAY/TEE) TEST	THOMS, ADAM WILLIAM	AG EXPERIMENT STATION (AES)	HORTICULTURE-AES	023651-00001	Research	9/15/2020	1/15/2026	FEB. 2021	
\$6,000	NATIONAL TURFGRASS EVALUATION PROGRAM INC	FIELD TRIAL - 2020 NATIONAL FINELEAF FESCUE TEST EVALUATING SHADE TOLERANCE	THOMS, ADAM WILLIAM	AG EXPERIMENT STATION (AES)	HORTICULTURE-AES	023656-00001	Research	9/15/2020	1/15/2026	FEB. 2021	
\$6,000	NATIONAL TURFGRASS EVALUATION PROGRAM INC	FIELD TRIAL- 2020 NATIONAL FINELEAF FESCUE TEST	THOMS, ADAM WILLIAM	AG EXPERIMENT STATION (AES)	HORTICULTURE-AES	023657-00001	Research	9/15/2020	1/15/2026	FEB. 2021	
\$5,000	IOWA ASSOCIATION FOR THE EDUCATION OF YOUNG CHILDREN	FARM TO EARLY EDUCATION EXPANSION	CHASE, CRAIG ALAN	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	FARM, FOOD & ENTERPRISE DEVELOPMENT-EXT	023621-00001	Public Service	4/1/2020	9/15/2021	FEB. 2021	023621
\$3,550	VARIOUS ISUF DONORS- INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	022733-00001	Research	6/1/2020	5/31/2021	FEB. 2021	
\$3,218	STATE LIBRARY OF IOWA	ENRICH IOWA PROGRAM INTERLIBRARY LOAN REIMBURSEMENT	SEO, HILARY	UNIVERSITY LIBRARY (LIB)	PARKS LIBRARY-PROV	007619-00001	Public Service	7/1/2011	6/30/2021	FEB. 2021	4780920
\$1,170	NORTH DAKOTA	TOWARDS	COCHRAN,	COLLEGE OF	CHEMICAL &	021957-00001	Research	1/1/2020	4/30/2021	FEB.	021957

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	STATE UNIVERSITY	BIOBASED ABS	ERIC W	ENGINEERING (ENGR)	BIOLOGICAL ENGINEERING-ENGR					2021	
\$500	UNIVERSITY OF NORTH DAKOTA	CMI AFFILIATE PROGRAM MEMBERSHIP	LOGRASSO, THOMAS ANTHONY	AMES LABORATORY (AMES LAB)	AMES LABORATORY DOE-VPR	023599-00001	Research	7/1/2020	6/30/2021	FEB. 2021	
\$300	INNOCELERIS	NIAMRRE INDUSTRY STARTUP MEMBERSHIP	PLUMMER, PAUL J	VICE PRESIDENT FOR RESEARCH (VPR)	NATL INST OF AMR RESEARCH & EDUCATION-VPR	023600-00001	Research	7/1/2020	6/30/2021	FEB. 2021	
\$300	FBB BIOMED INC	NIAMRRE INDUSTRY STARTUP MEMBERSHIP	PLUMMER, PAUL J	VICE PRESIDENT FOR RESEARCH (VPR)	NATL INST OF AMR RESEARCH & EDUCATION-VPR	023666-00001	Research	7/1/2020	6/30/2021	FEB. 2021	
\$175	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	022744-00001	Operations & Maintenance	6/1/2020	5/31/2021	FEB. 2021	