

Calendar Year: 2021
Month: Aug

Award Count: 162
Award Total: \$69,436,858

Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
\$28,393,275	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	AUG. 2021	004881
\$5,573,515	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	AUG. 2021	
\$3,048,115	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	AUG. 2021	
\$2,139,165	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	024380-00001	Scholarships & Fellowships	6/1/2021	5/31/2022	AUG. 2021	
\$2,000,000	NSF-NATIONAL SCIENCE FOUNDATION	LEAP-HI: AI-OPTIMIZED 3D PRINTING OF SUPER-SOFT MATERIALS FOR PERSONALIZED SENSING	GANAPATHYSUBRAMANIAN, BAS	COLLEGE OF ENGINEERING (ENGR)	MECHANICAL ENGINEERING-ENGR	024472-00001	Research	8/1/2021	7/31/2026	AUG. 2021	024472
\$2,000,000	NSF-NATIONAL SCIENCE FOUNDATION	EFRI DCHEM PRELIMINARY PROPOSAL: CHEMICALS FROM RENEWABLES THROUGH GREEN ELECTROCHEMISTRY (CHARGE)	TESSONNIER, JEAN-PHILIPPE	VICE PRESIDENT FOR RESEARCH (VPR)	CENTER FOR BIORENEWABLE CHEMICALS-VPR	024610-00001	Research	9/1/2021	8/31/2025	AUG. 2021	024610
\$1,818,182	DEERE & COMPANY	SEEDING TECHNOLOGY DEVELOPMENT PROGRAM, PHASE 3	DARR, MATTHEW JOHN	AG EXPERIMENT STATION (AES)	BIOCENTURY RESEARCH FARM-AES	024482-00001	Research	7/1/2021	10/31/2023	AUG. 2021	024482
\$1,050,000	IOWA BOARD OF REGENTS	REGENTS INNOVATION FUND APPROPRIATION	EYLES, JUDI K	PRESIDENT (PRES)	ECONOMIC DEVELOPMENT & INDUSTRY RELATIONS-PRES	024514-00001	Research	7/1/2021	6/30/2022	AUG. 2021	024514
\$968,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	NORTH CENTRAL REGIONAL AQUACULTURE CENTER	MORRIS, JOSEPH EUGENE	AG EXPERIMENT STATION (AES)	NATURAL RESOURCE ECOLOGY & MGMT-AES	022798-00001	Research	9/1/2020	8/31/2025	AUG. 2021	022798
\$919,982	DOC-NATIONAL	ENHANCING DIVERSITY	O'DONNELL, MICHAEL	COLLEGE OF	CENTER FOR	024620-00001	Research	9/1/2021	9/30/2023	AUG.	024620

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	INSTITUTE OF STANDARDS & TECHNOLOGY (NIST)	IN MANUFACTURING	ROBERT	ENGINEERING (ENGR)	INDUSTRIAL RESEARCH & SERVICE-ENGR					2021	
\$884,808	IOWA DEPARTMENT OF NATURAL RESOURCES	IOWA NUTRIENT RESEARCH CENTER STATE FUNDING	HELMERS, MATTHEW JUSTIN	AG EXPERIMENT STATION (AES)	IOWA NUTRIENT RESEARCH CENTER-AES	017527-00001	Research	7/1/2017	8/31/2022	AUG. 2021	017527
\$882,892	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	NUTRIENT REDUCTION STRATEGY MEASURES	HELMERS, MATTHEW JUSTIN	AG EXPERIMENT STATION (AES)	IOWA NUTRIENT RESEARCH CENTER-AES	022746-00001	Research	7/1/2020	6/30/2024	AUG. 2021	022746
\$824,474	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: CCRI: ENS: BOA 2.0: ENHANCING INFRASTRUCTURE FOR STUDYING SOFTWARE AND ITS EVOLUTION AT A LARGE SCALE	RAJAN, HRIDESH	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	COMPUTER SCIENCE-LAS	024601-00001	Research	10/1/2021	9/30/2024	AUG. 2021	024601
\$793,592	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	ENSURING FOOD SAFETY COMPETENCY OF PRODUCE GROWERS AND PROCESSORS IN THE NCR THROUGH EXPANDED COLLABORATION WITH DIVERSIFIED POPULATIONS	SHAW, ANGELA MARIE	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	FOOD SCIENCE & HUMAN NUTRITION-EXT	024575-00001	Public Service	9/1/2021	8/31/2024	AUG. 2021	024575
\$727,305	NIH-NATIONAL INSTITUTES OF HEALTH	SARACATINIB AND 1400W COUNTERACT NERVE AGENT-INDUCED LONG-TERM NEUROTOXICITY	THIPPESWAMY, THIMMASETTAP	COLLEGE OF VETERINARY MEDICINE (VET)	IOWA CENTER FOR ADVANCED NEUROTOXICOLOGY-VET	024214-00001	Research	8/15/2021	7/31/2022	AUG. 2021	024214
\$700,000	UNITED SOYBEAN BOARD	ACCELERATED JOINT DEVELOPMENT AND SCALE-UP OF POLY(ACRYLATED EPOXIDIZED HIGH OLEIC SOYBEAN OIL) ASPHALT MODIFIER AND PARTIALLY EPOXIDIZED	COCHRAN, ERIC W	COLLEGE OF ENGINEERING (ENGR)	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	024420-00001	Research	10/1/2021	9/30/2022	AUG. 2021	024420

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		(HIGH OLEIC) SOYBEAN OIL REJUVENATORS									
\$655,500	IOWA COMMISSION ON VOLUNTEER SERVICE (IOWA ECONOMIC DEVELOPMENT AUTHORITY)	IOWA AMERICORPS 4-H OUTREACH PROGRAM	WEIG, TYLER	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION TO YOUTH & 4H-EXT	024513-00001	Public Service	9/1/2021	8/31/2022	AUG. 2021	024513
\$575,637	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	VICE PRESIDENT FOR RESEARCH (VPR)	NANOVACCINE INSTITUTE-VPR	021413-00001	Research	9/12/2019	7/31/2022	AUG. 2021	021413
\$501,650	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	AUG. 2021	
\$500,000	DEERE & COMPANY	TECHNICAL EVALUATION: EVALUATION OF ADVANCED SEEDING TECHNOLOGIES, PHASE 3	DARR, MATTHEW JOHN	AG EXPERIMENT STATION (AES)	BIOCENTURY RESEARCH FARM-AES	024483-00001	Research	7/1/2021	10/31/2023	AUG. 2021	024483
\$499,996	NSF-NATIONAL SCIENCE FOUNDATION	HDR TRIPODS: D4 (DEPENDABLE DATA-DRIVEN DISCOVERY) INSTITUTE	RAJAN, HRIDESH	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	COMPUTER SCIENCE-LAS	021392-00001	Research	10/1/2019	9/30/2022	AUG. 2021	021392
\$466,275	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: DMREF: GRAIN INTERFACE FUNCTIONAL DESIGN TO CREATE DAMAGE RESISTANCE IN POLYCRYSTALLINE METALLIC MATERIALS	PATHAK, SIDDHARTHA	COLLEGE OF ENGINEERING (ENGR)	MATERIALS SCIENCE & ENGINEERING-ENGR	024613-00001	Research	1/1/2022	12/31/2025	AUG. 2021	024613
\$420,864	VARIOUS ISUF DONORS-INDUSTRY/	IOWA STATE UNIVERSITY FOUNDATION	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	024385-00001	Institutional Support	6/1/2021	5/31/2022	AUG. 2021	

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	CORPORATE	DONATIONS									
\$400,000	NSF-NATIONAL SCIENCE FOUNDATION	EDGE FGT: DEVELOPMENT OF FIBROBLASTS AND ORGANIDS AS TOOLS FOR FUNCTIONAL GENOMICS IN TURTLES, APPLICABLE TO OTHER NON-MAMMALIAN VERTEBRATES	VALENZUELA-CASTRO, MARIA	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	024367-00001	Research	8/1/2021	7/31/2025	AUG. 2021	024367
\$375,166	NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	SIGNAL INTEGRATION FROM MEMBRANES TO THE ACTIN CYTOSKELETON	CHEN, BAOYU	AG EXPERIMENT STATION (AES)	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES	019328-00001	Research	8/1/2018	7/31/2022	AUG. 2021	019328
\$360,307	NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	FINDING, FOLDING AND CHARACTERIZING THE FUNCTIONS OF DISEASE-RELEVANT RNA STRUCTURES IN THE HUMAN AND EPSTEIN-BARR VIRUS GENOMES	MOSS, WALTER	AG EXPERIMENT STATION (AES)	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES	021363-00001	Research	9/15/2019	7/31/2022	AUG. 2021	021363
\$350,000	DOI-US BUREAU OF LAND MANAGEMENT (BLM)	STATISTICAL AND SURVEY METHODS SUPPORT FOR THE BLM MANAGED LANDS SURVEY PROGRAM	YU, CINDY LONG	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	CENTER FOR SURVEY STATISTICS & METHODOLOGY-LAS	024556-00001	Research	9/1/2021	8/31/2022	AUG. 2021	024556
\$344,710	DOE-NATIONAL ENERGY TECHNOLOGY LABORATORY (NETL)	DEVELOPMENT OF THIN, ROBUST, LITHIUM-IMPENETRABLE, HIGH-CONDUCTIVITY, ELECTROCHEMICALLY STABLE, SCALABLE, AND LOW COST GLASSY SOLID ELECTROLYTES FOR SOLID STATE LITHIUM BATTERIES	MARTIN, STEVE WARTHEN	COLLEGE OF ENGINEERING (ENGR)	MATERIALS SCIENCE & ENGINEERING-ENGR	021438-00001	Research	10/1/2019	9/30/2022	AUG. 2021	021438
\$324,936	NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	STRUCTURE AND FUNCTION OF DISC1 IN THE CAMP PATHWAY	ROCHE, JULIEN F	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	021263-00001	Research	9/1/2019	8/31/2022	AUG. 2021	021263

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\$319,998	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	AUG. 2021	021818
\$318,020	FHI 360	USING EDUCATIONAL TECHNOLOGY IN THE ENGLISH LANGUAGE CLASSROOM - AY21-22	HEGELHEIMER, VOLKER H	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	ENGLISH-LAS	024527-00001	Instruction	7/26/2021	9/30/2022	AUG. 2021	024527
\$300,000	NSF-NATIONAL SCIENCE FOUNDATION	STRATEGIES TO OVERCOME CONTEMPORARY LIMITATIONS OF REDUCTIVE ELECTROSYNTHETIC CONVERSIONS IN AQUEOUS MEDIA	TESSONNIER, JEAN-PHILIPPE	VICE PRESIDENT FOR RESEARCH (VPR)	CENTER FOR BIORENEWABLE CHEMICALS-VPR	024475-00001	Research	10/1/2021	9/30/2024	AUG. 2021	024475
\$300,000	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: NRI: ROBOTIC DISASSEMBLY OF HIGH-PRECISION ELECTRONIC DEVICES	LI, BEIWEN	COLLEGE OF ENGINEERING (ENGR)	MECHANICAL ENGINEERING-ENGR	024570-00001	Research	2/1/2022	1/31/2025	AUG. 2021	024570
\$298,855	NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	ARTIFICIAL GLYCOSIDASE WITH CONTROLLED SELECTIVITY	ZHAO, YAN	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	CENTER FOR CATALYSIS-LAS	022987-00001	Research	9/1/2020	8/31/2022	AUG. 2021	022987
\$293,560	NSF-NATIONAL SCIENCE FOUNDATION	ACQUISITION OF AN ADVANCED MULTI-FUNCTIONAL WIDE-WAVELENGTH-RANGE FOURIER TRANSFORM INFRARED SPECTROMETER FOR MULTI-MATERIALS CHARACTERIZATION (TRACK 1 - NSF MRI PROPOSAL)	MARTIN, STEVE WARTHEN	COLLEGE OF ENGINEERING (ENGR)	MATERIALS SCIENCE & ENGINEERING-ENGR	024602-00001	Research	9/1/2021	8/31/2022	AUG. 2021	024602
\$291,297	NIH-NATIONAL INSTITUTE OF	MIRA: CREATING A NICHE FOR ENGINEERED	MANSELL, THOMAS JOSEPH	COLLEGE OF ENGINEERING	CHEMICAL & BIOLOGICAL	024459-00001	Research	7/1/2021	5/31/2022	AUG. 2021	024459

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	GENERAL MEDICAL SCIENCES (NIGMS)	LIVE BIOTHERAPEUTICS		(ENGR)	ENGINEERING-ENGR						
\$281,200	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	FY 21 IA NAHLN INFRASTRUCTURE II	MAIN, RODGER GARY	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	024627-00001	Research	7/1/2021	8/31/2022	AUG. 2021	024627
\$270,000	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	AUG. 2021	
\$269,972	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	AUG. 2021	
\$250,766	DOJ-FEDERAL BUREAU OF INVESTIGATION (FBI)	WHAT WORKS? EVALUATION AND DISSEMINATION OF RESEARCH ON INTELLIGENCE INTERVIEWING AND INTERROGATION	MEISSNER, CHRISTIAN AUGUS	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	PSYCHOLOGY-LAS	022972-00001	Research	8/17/2020	8/16/2022	AUG. 2021	022972
\$250,000	DEERE & COMPANY	TECHNICAL EVALUATION: FLP IMAGE LABELING VERIFICATION	DARR, MATTHEW JOHN	AG EXPERIMENT STATION (AES)	BIOCENTURY RESEARCH FARM-AES	024593-00001	Research	8/1/2021	10/31/2022	AUG. 2021	024593
\$245,428	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	AUG. 2021	022042
\$242,000	IOWA NUTRIENT RESEARCH AND EDUCATION COUNCIL	ENVIRONMENTAL AND AGRONOMIC ASSESSMENT OF MICROBIAL NITROGEN FERTILIZATION TECHNOLOGIES IN CORN CROPPING SYSTEMS	HALL, STEVEN JAMES	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	020560-00001	Research	4/1/2019	3/31/2023	AUG. 2021	020560

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\$219,013	DOJ-FEDERAL BUREAU OF INVESTIGATION (FBI)	A FRAMEWORK FOR UNDERSTANDING AND MITIGATING RESISTANCE IN THE INTERVIEW ROOM	MEISSNER, CHRISTIAN AUGUS	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	PSYCHOLOGY-LAS	022971-00001	Research	8/17/2020	8/16/2022	AUG. 2021	022971
\$210,000	IOWA DEPARTMENT OF TRANSPORTATION	WORK PLAN FOR THE STATEWIDE URBAN DESIGN AND SPECIFICATIONS PROGRAM	WIEGAND, PAUL D	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	022750-00001	Research	7/1/2020	6/30/2024	AUG. 2021	022750
\$200,000	UNIVERSITY OF WASHINGTON	MACHINE LEARNING-GUIDED ELECTROHYDRODYNAMIC INKJET FOR INFRARED SPECTRUM METASURFACE AND HIGH DENSITY INTERCONNECT MANUFACTURING	QIN, HANTANG	COLLEGE OF ENGINEERING (ENGR)	INDUSTRIAL & MANUFACTURING SYSTEMS ENGINEERING-ENGR	024477-00001	Research	7/1/2021	6/30/2022	AUG. 2021	024477
\$192,173	IOWA DEPARTMENT OF EDUCATION	IOWA ELEARNING CENTRAL CONTENT DEVELOPER SUPPORT	CRAWFORD, DENISE ANN	COLLEGE OF HUMAN SCIENCES (HS)	SCHOOL OF EDUCATION-HS	024496-00001	Public Service	8/1/2021	7/31/2022	AUG. 2021	024496
\$186,903	NIH-NATIONAL INSTITUTE OF ARTHRITIS & MUSCULOSKELETAL & SKIN DISEASES (NIAMS)	DYSREGULATION OF THE UNFOLDED PROTEIN RESPONSE OF THE ER IN NEMALINE MYOPATHY	KIM, JINOH	COLLEGE OF VETERINARY MEDICINE (VET)	BIOMEDICAL SCIENCES-VET	022960-00001	Research	9/1/2020	8/31/2022	AUG. 2021	022960
\$186,826	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	IMPLEMENTATION SUPPORT FOR THE U.S. REGULATORY FRAMEWORK FOR SEED HEALTH	MUNKVOLD, GARY PHILLIP	AG EXPERIMENT STATION (AES)	PLANT PATHOLOGY-AES	024495-00001	Research	9/1/2021	8/31/2022	AUG. 2021	024495
\$180,301	UNIVERSITY OF PENNSYLVANIA	NIAMD CENTERS OF EXCELLENCE FOR INFLUENZA RESEARCH AND RESPONSE (CEIRR)	GAUGER, PHILLIP C	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	024557-00001	Research	4/1/2021	3/31/2022	AUG. 2021	024557
\$173,423	NSF-NATIONAL SCIENCE FOUNDATION	SINGLE-STEP, RAPIDLY RECONFIGURABLE GRAYSCALE	KIM, JAEYOUN	COLLEGE OF ENGINEERING (ENGR)	MICROELECTRONICS RESEARCH CENTER-ENGR	024587-00001	Research	9/1/2021	8/31/2024	AUG. 2021	024587

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		NANOPRINTING BY LIGHT-CONTROLLED NANOCAPILLARY EFFECT									
\$163,105	CHR HANSEN	ANIMAL PRODUCT TESTING: EVALUATING THE EFFECTS OF BOVAMINE DAIRY PLUS ON INFLAMMATORY MARKERS AND METABOLISM DURING FEED RESTRICTION IN A RUMINANT MODEL	BAUMGARD, LANCE HALL	AG EXPERIMENT STATION (AES)	ANIMAL SCIENCE-AES	024560-00001	Research	8/9/2021	8/31/2022	AUG. 2021	024560
\$158,609	IOWA COMMISSION ON VOLUNTEER SERVICE (IOWA ECONOMIC DEVELOPMENT AUTHORITY)	AMERICORPS PARTNERING TO PROTECT CHILDREN 2021-22	MELBY, JANET NIEUWSMA	COLLEGE OF HUMAN SCIENCES (HS)	HUMAN DEVELOPMENT & FAMILY STUDIES-HS	024614-00001	Public Service	9/1/2021	8/31/2022	AUG. 2021	024614
\$154,200	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	AUG. 2021	
\$152,777	ARIZONA STATE UNIVERSITY	ENHANCING GRID RELIABILITY AND RESILIENCE THROUGH NOVEL DER CONTROL AND COORDINATION ACCOUNTING FOR INTEGRATED DISTRIBUTION AND SUB-TRANSMISSION REPRESENTATION	GOVINDARASU, MANIMARAN	COLLEGE OF ENGINEERING (ENGR)	ENGINEERING RESEARCH INSTITUTE-ENGR	021531-00001	Research	8/1/2019	7/31/2022	AUG. 2021	021531
\$148,750	ZOETIS	IDENTIFICATION OF SURFACE ACCESSIBLE PROTEINS IN DIROFILARIA IMMITIS EXTRACELLULAR VESICLES (EVS)	KIMBER, MICHAEL JOHN	COLLEGE OF VETERINARY MEDICINE (VET)	BIOMEDICAL SCIENCES-VET	024550-00001	Research	8/15/2021	2/15/2024	AUG. 2021	024550
\$147,376	NSF-NATIONAL SCIENCE FOUNDATION	FET: MEDIUM: DESIGN FOR DEPENDABILITY IN SYSTEMS OF MOLECULAR	LUTZ, ROBYN R	COLLEGE OF LIBERAL ARTS &	COMPUTER SCIENCE-LAS	021090-00001	Research	8/1/2019	7/31/2023	AUG. 2021	021090

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		PROGRAMS		SCIENCES (LAS)							
\$146,921	IOWA DEPARTMENT OF PUBLIC HEALTH	EPIDEMIOLOGY AND LABORATORY CAPACITY FOR PREVENTION AND CONTROL OF EMERGING INFECTIOUS DISEASES (ELC)	SMITH, RYAN CHAD	AG EXPERIMENT STATION (AES)	ENTOMOLOGY-AES	024616-00001	Research	8/1/2021	7/31/2022	AUG. 2021	024616
\$145,723	NSF-NATIONAL SCIENCE FOUNDATION	EAGER: SUPER: NON-HEXAGONAL 2D BORIDE AND BOROCARBIDE SUPERCONDUCTORS	KOVNIR, KYRYLO	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	CHEMISTRY-LAS	024504-00001	Research	8/15/2021	7/31/2023	AUG. 2021	024504
\$136,413	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: MULTI-DIMENSIONAL SYNTHETIC APPROACH TOWARD ALKALI-TRANSITION METAL INTERMETALLICS GUIDED BY THEORY AND IN-SITU STUDIES	ZAIKINA, YULIA	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	CHEMISTRY-LAS	021840-00001	Research	2/1/2020	1/31/2025	AUG. 2021	021840
\$120,000	PHOTOTHERMAL SPECTROSCOPY CORPORATION	OPTICAL PHOTOTHERMAL INFRARED (OPTIR) MICROSCOPE FOR IN-SITU CHARACTERIZATION OF CELLULAR METABOLISM AND CHEMICAL PROCESSES IN CELLS AND TISSUE	NIKOLAU, BASIL J	VICE PRESIDENT FOR RESEARCH (VPR)	CENTER FOR METABOLIC BIOLOGY-VPR	024493-00001	Research	8/1/2021	5/31/2023	AUG. 2021	024493
\$116,022	DOE-US DEPARTMENT OF ENERGY	INTERACTIONS BETWEEN CLOUDS AND WIND-DRIVEN SURFACE HEAT EXCHANGES OVER LAND	WILLIAMS, IAN NOBUO	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	024497-00001	Research	8/15/2021	8/14/2022	AUG. 2021	024497
\$110,525	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	AUG. 2021	

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\$110,000	RAYTHEON TECHNOLOGIES CORPORATION	RAYTHEON TECHNOLOGIES CORPORATION (RTC)-COLLINS	SOMANI, ARUN K	COLLEGE OF ENGINEERING (ENGR)	ENGINEERING RESEARCH INSTITUTE-ENGR	024589-00001	Research	8/1/2021	12/31/2021	AUG. 2021	024589
\$106,091	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: ROBUSTIFYING MACHINE LEARNING FOR CYBER-PHYSICAL SYSTEMS	SARKAR, SOUMIK	COLLEGE OF ENGINEERING (ENGR)	MECHANICAL ENGINEERING-ENGR	020306-00001	Research	3/1/2019	2/29/2024	AUG. 2021	020306
\$100,000	IOWA DEPARTMENT OF MANAGEMENT	EARLY CHILDHOOD IOWA AND I2D2: ADVANCING STRATEGIC PLANNING AND OUTREACH	ROUSE, HEATHER L	COLLEGE OF HUMAN SCIENCES (HS)	HUMAN DEVELOPMENT & FAMILY STUDIES-HS	024457-00001	Research	7/21/2021	6/30/2022	AUG. 2021	024457
\$100,000	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	PROPERTIES AND PERFORMANCE OF SOLDER JOINTS PRODUCED IN REDUCED-GRAVITY ENVIRONMENTS: ISS FLIGHT OPPORTUNITY	GONZALEZ-TORRES, TOMAS L	COLLEGE OF ENGINEERING (ENGR)	AEROSPACE ENGINEERING-ENGR	024569-00001	Research	8/1/2021	7/31/2024	AUG. 2021	024569
\$99,990	PETLAND	EDUCATIONAL TRAINING FOR PUPPY BREEDERS	PLUMMER, PAUL J	VICE PRESIDENT FOR RESEARCH (VPR)	NATL INST OF AMR RESEARCH & EDUCATION-VPR	024565-00001	Instruction	8/16/2021	2/16/2023	AUG. 2021	024565
\$99,987	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	APPENDIX G: (NASA ARMD ELECTRIC AIRCRAFT BATTERIES AND CRASH SAFETY): COMPOSITE MATERIALS MECHANICAL PROPERTY CHARACTERIZATION FOR LS-DYNA MAT213 MODEL	GONZALEZ-TORRES, TOMAS L	COLLEGE OF ENGINEERING (ENGR)	AEROSPACE ENGINEERING-ENGR	024474-00001	Research	8/1/2021	7/31/2022	AUG. 2021	024474
\$94,000	UNITED SOYBEAN BOARD	CROP PROTECTION NETWORK: A COLLABORATIVE NATIONAL RESOURCE TO DELIVER SOYBEAN RESEARCH RESULTS TO FARMERS	MUELLER, DAREN SHANE	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	PLANT PATHOLOGY-EXT	024598-00001	Public Service	10/1/2021	9/30/2022	AUG. 2021	024598
\$92,801	DOD-ARMY	IPA ASSIGNMENT AGREEMENT: SENIOR	CHAPELLE, CAROL ANN	COLLEGE OF LIBERAL	ENGLISH-LAS	024481-00001	Research	8/16/2021	5/13/2022	AUG. 2021	024481

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		TECHNICAL CONSULTANT		ARTS & SCIENCES (LAS)							
\$89,083	DOD-OFFICE OF NAVAL RESEARCH (ONR)	SPATIALLY MAPPING THE PROPERTIES OF HETEROGENEOUS MATERIALS STATES FOR ADVANCED MATERIALS AND MANUFACTURING	COLLINS, PETER CHANCELLOR	COLLEGE OF ENGINEERING (ENGR)	MATERIALS SCIENCE & ENGINEERING-ENGR	024462-00001	Research	8/1/2021	7/31/2022	AUG. 2021	024462
\$86,420	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	AUG. 2021	
\$86,298	UNIVERSITY OF TEXAS AUSTIN	BIOMECHANICAL INDICATORS OF BICUSPID AORTIC VALVE DYSFUNCTION	HSU, MING-CHEN	COLLEGE OF ENGINEERING (ENGR)	MECHANICAL ENGINEERING-ENGR	019304-00001	Research	6/1/2018	5/31/2022	AUG. 2021	019304
\$85,181	IOWA PORK PRODUCERS ASSOCIATION	EVALUATION OF THE IMPACT OF FECAL TRANSFER FROM SOWS TO GILTS ON OFFSPRING MORTALITY	GREINER, LAURA LEE	AG EXPERIMENT STATION (AES)	ANIMAL SCIENCE-AES	024568-00001	Research	8/1/2021	7/31/2022	AUG. 2021	024568
\$83,000	NSF-NATIONAL SCIENCE FOUNDATION	IUCRC PHASE II AT IOWA STATE UNIVERSITY: CENTER FOR BIOPLASTICS AND BIOCOMPOSITES [CB2]	COCHRAN, ERIC W	COLLEGE OF ENGINEERING (ENGR)	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	024487-00001	Research	8/1/2021	7/31/2026	AUG. 2021	024487
\$79,415	BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC	SWINE VETERINARY INTERNSHIP PROGRAM	HOLTKAMP, DERALD J	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	021106-00001	Research	5/1/2019	4/30/2022	AUG. 2021	021106
\$75,000	CORNELL UNIVERSITY	CONTROLLING SPRAY FORMATION AND DISPERSION	HEINDEL, THEODORE JOHN	COLLEGE OF ENGINEERING (ENGR)	CTR FOR MULTIPHASE FLOW RES & EDUC-ENGR	015698-00001	Research	6/1/2016	7/31/2022	AUG. 2021	015698
\$75,000	PEW CHARITABLE TRUSTS	TRANSCRIPTIONAL CODES UNDERLYING TROPHOBLAST INVASION	TUTEJA, GEETU SINGH	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	GENETICS, DEVELOPMENT & CELL BIOLOGY-LAS	021439-00001	Research	8/26/2019	7/31/2022	AUG. 2021	021439

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\$75,000	WORLD BANK	ROAD SAFETY CALCULATOR IMPROVEMENT AND EXPANSION	HALLMARK, SHAUNA L	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	022186-00001	Research	12/2/2019	5/31/2022	AUG. 2021	022186
\$75,000	NEOVAXSYN INC	NANOVACCINE FOR ELICITING 10E8-LIKE BNABS AGAINST HIV-1	CHO, MICHAEL	COLLEGE OF VETERINARY MEDICINE (VET)	BIOMEDICAL SCIENCES-VET	024308-00001	Research	7/1/2021	6/30/2022	AUG. 2021	024308
\$72,874	DOI-US GEOLOGICAL SURVEY (USGS)	NUTRIENT MODELING FOR WATER QUALITY WETLANDS IN IOWA	CRUMPTON, WILLIAM G	VICE PRESIDENT FOR RESEARCH (VPR)	IOWA WATER CENTER-VPR	024498-00001	Research	8/1/2021	12/31/2023	AUG. 2021	024498
\$69,935	IOWA PORK PRODUCERS ASSOCIATION	AUTOMATED EARLY DETECTION OF DISEASE IN INDIVIDUAL GROW-FINISH PIGS USING FEEDING AND DRINKING BEHAVIOR DATA	DEKKERS, JACK C	AG EXPERIMENT STATION (AES)	ANIMAL SCIENCE-AES	024574-00001	Research	8/15/2021	2/14/2023	AUG. 2021	024574
\$68,917	DOD-NATIONAL SECURITY AGENCY (NSA)	CYSP PROGRAM	JACOBSON, DOUG W	COLLEGE OF ENGINEERING (ENGR)	INFORMATION ASSURANCE CENTER-ENGR	024609-00001	Scholarships & Fellowships	8/1/2021	12/31/2022	AUG. 2021	024609
\$68,123	THE JACKSON LABORATORY	DISSECTION OF ADDICTION RELEVANT SIGNAL INTEGRATION BY CYFIP2 THROUGH PRECISE GENOME ENGINEERING	CHEN, BAOYU	AG EXPERIMENT STATION (AES)	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-AES	024539-00001	Research	7/1/2021	6/30/2022	AUG. 2021	024539
\$68,110	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	024525-00001	Public Service	8/1/2021	7/31/2022	AUG. 2021	024525
\$67,811	IOWA PORK PRODUCERS ASSOCIATION	COVER CROPS, COMPACTION, AND MANURE TIMING	ANDERSEN, DANIEL S	AG EXPERIMENT STATION (AES)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	024532-00001	Research	9/1/2021	8/31/2022	AUG. 2021	024532
\$60,315	IOWA DEPARTMENT OF TRANSPORTATION	DEVELOPMENT OF A DESIGN GUIDE FOR STRUCTURAL DESIGN OF ULTRA HIGH	SRITHARAN, SIVALINGAM	VICE PRESIDENT FOR RESEARCH	INSTITUTE FOR TRANSPORTATION-VPR	017558-00001	Research	6/15/2017	10/31/2022	AUG. 2021	017558

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		PERFORMANCE CONCRETE		(VPR)							
\$60,000	UNIVERSITY OF WISCONSIN MADISON	THE ARTS OF MNEMOSYNE: EXPRESSIONS OF MNEMONIC CULTURE IN RENAISSANCE SPAIN	DOMINGUEZ-CASTELLANO, J	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	WORLD LANGUAGES & CULTURES-LAS	024585-00001	Scholarships & Fellowships	8/23/2021	5/22/2022	AUG. 2021	024585
\$57,593	USDA-FOREIGN AGRICULTURAL SERVICE (FAS)	SEP21 UGANDA CSA/FOOD SYSTEMS @ISU	MAIER, DIRK EBERHARD	AG EXPERIMENT STATION (AES)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	024586-00001	Scholarships & Fellowships	9/1/2021	8/31/2024	AUG. 2021	024586
\$56,990	USDA-FOREIGN AGRICULTURAL SERVICE (FAS)	SCIENTIFIC EXCHANGE AND TRAINING OF A SEP FELLOW FROM ASIA (INDIA)	KANWAR, RAMESHWAR S	AG EXPERIMENT STATION (AES)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	024582-00001	Scholarships & Fellowships	9/1/2021	8/31/2024	AUG. 2021	024582
\$56,713	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: EXPLORING THE VARIATION IN UNDERSTANDING AND EXPERIENCES WITH ETHICAL ENGINEERING RESEARCH AMONG FACULTY IN BIOMEDICAL ENGINEERING	FILA, NICHOLAS D	COLLEGE OF ENGINEERING (ENGR)	ELECTRICAL & COMPUTER ENGR-ENGR	024471-00001	Research	9/1/2021	8/31/2024	AUG. 2021	024471
\$55,000	ALLIANCE FOR SUSTAINABLE ENERGY LLC-NATIONAL RENEWABLE ENERGY LABORATORY	FEDERATED ARCHITECTURE FOR SECURE AND TRANSACTIVE DISTRIBUTED ENERGY RESOURCE MANAGEMENT SOLUTIONS (FAST-DERMS)	WANG, ZHAOYU	COLLEGE OF ENGINEERING (ENGR)	ELECTRIC POWER RESEARCH CENTER-ENGR	023103-00001	Research	9/10/2020	2/28/2023	AUG. 2021	023103
\$52,332	UNIVERSITY OF IOWA	GOVERNOR'S EMERGENCY EDUCATION RELIEF FUND (GEER-COMPONENT 2): OPEN EDUCATIONAL RESOURCES (OER) CAPACITY BUILDING FOR IOWA REGENT UNIVERSITIES	BRUNDY, CURTIS T	UNIVERSITY LIBRARY (LIB)	PARKS LIBRARY-LIB	024488-00001	Institutional Support	7/1/2021	6/30/2022	AUG. 2021	024488

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\$49,958	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	INCREASING RESILIENCY THROUGH GREATER URBAN TREE DIVERSITY	THOMPSON, GRANT L	AG EXPERIMENT STATION (AES)	HORTICULTURE-AES	024621-00001	Research	9/1/2021	8/31/2022	AUG. 2021	024621
\$49,929	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	IDENTIFYING THE BARRIERS AND STRATEGIES TO ACCELERATE THE ADOPTION OF CRITICAL EDGE-OF-FIELD CONSERVATION PRACTICES: A FARMER-CENTRIC INTEGRATED RESEARCH AND EXTENSION APPROACH	COMITO, JACQUELINE M	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-EXT	024623-00001	Public Service	7/1/2021	6/30/2023	AUG. 2021	024623
\$49,839	USDA-FOREIGN AGRICULTURAL SERVICE (FAS)	EPIDEMIOLOGY AND MANAGEMENT OF SEEDBORNE VIRUS CAUSING MAIZE LETHAL NECROSIS IN EASTERN AFRICA	MUNKVOLD, GARY PHILLIP	AG EXPERIMENT STATION (AES)	PLANT PATHOLOGY-AES	024581-00001	Research	9/1/2021	8/31/2023	AUG. 2021	024581
\$49,594	NATIONAL CORN GROWERS ASSOCIATION	CROP PROTECTION NETWORK: A COLLABORATIVE NATIONAL RESOURCE TO DELIVER CORN RESEARCH RESULTS TO FARMERS	MUELLER, DAREN SHANE	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	PLANT PATHOLOGY-EXT	024578-00001	Research	10/1/2021	9/30/2022	AUG. 2021	024578
\$45,740	KENT CORPORATION	ANIMAL PRODUCT TRIAL-EVALUATION OF A NOVEL RACTOPAMINE ALTERNATIVE	GABLER, NICHOLAS K	AG EXPERIMENT STATION (AES)	ANIMAL SCIENCE-AES	023979-00001	Research	3/16/2021	6/30/2022	AUG. 2021	023979
\$44,947	INTERVET INC D/B/A MERCK ANIMAL HEALTH	BOVINE VETERINARY INTERNSHIP PROGRAM - MERCK	HOLTKAMP, DERALD J	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	020721-00001	Instruction	5/1/2019	4/30/2022	AUG. 2021	020721
\$40,000	IOWA DEPARTMENT OF NATURAL RESOURCES	IOWA COOPERATIVE FISH AND WILDLIFE RESEARCH UNIT BASE FUNDING	KLAVER, ROBERT W	AG EXPERIMENT STATION (AES)	NATURAL RESOURCE ECOLOGY & MGMT-AES	007624-00001	Research	7/1/2006	6/30/2022	AUG. 2021	007624

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\$40,000	ARIZONA STATE UNIVERSITY	INTEGRATING RTO AND UTILITY PROCESSES IN PLANNING AND COST ALLOCATION	MCCALLEY, JAMES D	COLLEGE OF ENGINEERING (ENGR)	ELECTRIC POWER RESEARCH CENTER-ENGR	024132-00001	Research	5/16/2021	8/31/2023	AUG. 2021	024132
\$40,000	DOD-AIR FORCE RESEARCH LABORATORY (AFRL)	CENTER FOR NDE MEMBERSHIP	ZOUGH, REZA	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR NONDESTRUCTIVE EVALUATION-ENGR	024460-00001	Research	10/1/2021	9/30/2022	AUG. 2021	
\$40,000	BATTELLE MEMORIAL INSTITUTE-PACIFIC NORTHWEST NATIONAL LABORATORY	CENTER FOR NDE MEMBERSHIP	ZOUGH, REZA	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR NONDESTRUCTIVE EVALUATION-ENGR	024461-00001	Research	7/28/2021	7/31/2022	AUG. 2021	
\$40,000	ARIZONA STATE UNIVERSITY	S-96: DATA DRIVEN CONTROL OF DERS AND HYBRID PV PLANTS FOR ENHANCING VOLTAGE STABILITY WITH TSO-DSO INTERACTIONS OVER MULTIPLE TIMESCALES	AJJARAPU, VENKATARAMANA	COLLEGE OF ENGINEERING (ENGR)	ELECTRIC POWER RESEARCH CENTER-ENGR	024611-00001	Research	7/1/2021	8/31/2023	AUG. 2021	024611
\$37,695	CEVA SANTE ANIMALE	ANIMAL PRODUCT TRIAL: DEVELOPMENT AND EVALUATION OF MYCOPLASMA GALLISEPTICUM INFECTION MODEL IN LAYER PULLETS	EL-GAZZAR, MOHAMED MEDHAT	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	024618-00001	Research	10/1/2021	9/30/2022	AUG. 2021	024618
\$37,106	TITAN INTERNATIONAL INC	SOIL COMPACTION STUDY LOW GROUND PRESSURE TIRES: PHASE-1	TEKESTE, MEHARI	COLLEGE OF ENGINEERING (ENGR)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-ENGR	023923-00001	Research	3/1/2021	12/31/2023	AUG. 2021	023923
\$36,833	AFTER INC	STATISTICAL RESEARCH SERVICES WITH AFTER, INC	NETTLETON, DANIEL S	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	STATISTICS-LAS	024567-00001	Scholarships & Fellowships	8/16/2021	12/31/2021	AUG. 2021	024567
\$35,000	ARIZONA STATE UNIVERSITY	S-96: DATA DRIVEN CONTROL OF DERS AND	VILLEGAS, PICO HUGO NESTO	COLLEGE OF ENGINEERING	ELECTRIC POWER RESEARCH CENTER-	024572-00001	Research	7/1/2021	8/31/2023	AUG. 2021	024572

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		HYBRID PV PLANTS FOR ENHANCING VOLTAGE STABILITY WITH TSO-D SO INTERACTIONS OVER MULTIPLE TIMESCALES		(ENGR)	ENGR						
\$33,437	NSF-NATIONAL SCIENCE FOUNDATION	COLLABORATIVE RESEARCH: TOWARDS A BETTER UNDERSTANDING OF TL ISOTOPE CYCLING UNDER DIFFERENT REDOX CONDITIONS	SMITH, ELIZABETH SWANNER	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	024478-00001	Research	12/1/2021	11/30/2024	AUG. 2021	024478
\$33,000	UNIVERSITY OF NEVADA RENO	UNDERSTANDING THE LOCAL STRUCTURE-PROPERTY RELATIONSHIPS OF SOLDER IN TERRESTRIAL VS. MICROGRAVITY ENVIRONMENTS	PATHAK, SIDDHARTHA	COLLEGE OF ENGINEERING (ENGR)	MATERIALS SCIENCE & ENGINEERING-ENGR	023625-00001	Research	8/1/2020	12/31/2021	AUG. 2021	023625
\$32,000	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	CENTER FOR ADVANCED BIOENERGY AND BIOPRODUCTS INNOVATION (CABBI)	VANLOCKE, ANDREW	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	018986-00001	Research	12/1/2017	11/30/2021	AUG. 2021	018986
\$31,991	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	SINGLE SOURCE - ENHANCEMENT OF R2U2	ROZIER, KRISTIN-YVONNE	COLLEGE OF ENGINEERING (ENGR)	AEROSPACE ENGINEERING-ENGR	023818-00001	Research	3/2/2021	8/14/2022	AUG. 2021	023818
\$31,269	IOWA PORK PRODUCERS ASSOCIATION	CARCASS COMPOSTING SCHOOL DEVELOPMENT	ARORA, KAPIL	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	024468-00001	Public Service	8/1/2021	12/31/2021	AUG. 2021	024468
\$31,000	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	AUG. 2021	
\$30,000	HETERODOXY ACADEMY	HARNESSING THE POWER OF NARRATIVE	KELLY, KRISTI A COSTABILE	COLLEGE OF LIBERAL	PSYCHOLOGY-LAS	024558-00001	Research	8/1/2021	5/20/2022	AUG. 2021	024558

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		TO IMPROVE PERSPECTIVE-TAKING AND EMPATHY		ARTS & SCIENCES (LAS)							
\$29,945	IOWA DEPARTMENT OF TRANSPORTATION	IOWA DOT SYNTHESIS OF TRANSVERSE RUMBLE STRIPS AT RURAL STOP CONTROLLED INTERSECTIONS	ONEYEAR, NICOLE LYNN	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	024464-00001	Research	7/15/2021	12/31/2021	AUG. 2021	024464
\$26,771	VIRGINIA POLYTECHNIC INSTITUTE & STATE UNIVERSITY	MOISSI SOFTWARE FELLOWSHIP	GORDON, MARK STEPHEN	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	CHEMISTRY-LAS	024001-00001	Scholarships & Fellowships	1/1/2021	12/31/2021	AUG. 2021	024001
\$25,855	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	AUG. 2021	
\$25,096	AB VISTA	ANIMAL PRODUCT TRIAL: PERFORMANCE OF NURSERY PIGS FED DIETS CONTAINING VARYING LEVEL OF FIBER COMPONENTS	GABLER, NICHOLAS K	AG EXPERIMENT STATION (AES)	ANIMAL SCIENCE-AES	024503-00001	Research	3/31/2021	3/31/2022	AUG. 2021	024503
\$25,000	ARIZONA STATE UNIVERSITY	T-65: IDENTIFICATION AND MITIGATION OF T&D OPERATIONAL SECURITY VULNERABILITIES IN INVERTER DOMINATED POWER SYSTEMS	AJJARAPU, VENKATARAMANA	COLLEGE OF ENGINEERING (ENGR)	ELECTRIC POWER RESEARCH CENTER-ENGR	024612-00001	Research	7/1/2021	8/31/2023	AUG. 2021	024612
\$23,978	NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	DEFINING CRISPR ADAPTATION AND INTERFERENCE MECHANISMS IN E. COLI	SASHITAL, DIPALI GURUDUTT	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	BIOCHEMISTRY, BIOPHYSICS & MOLECULAR BIOLOGY-LAS	016119-00001	Research	9/2/2016	8/31/2022	AUG. 2021	016119
\$21,000	FMC CORPORATION	FIELD TRIAL: APPLICATION METHOD OF XYWAY LFR IN FIELD CORN FOR EFFICACY ON GRAY LEAF SPOT AND OTHER FOLIAR DISEASES	MUELLER, DAREN SHANE	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	PLANT PATHOLOGY-EXT	024583-00001	Research	4/1/2021	3/31/2022	AUG. 2021	

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		INCLUDING RUST AND TAR SPOT									
\$20,013	IOWA PORK PRODUCERS ASSOCIATION	TOWARDS ESTIMATING REAL-TIME, ROOM-LEVEL ENVIRONMENTAL FOOTPRINT FOR FINISHING FACILITIES	RAMIREZ, BRETT CARLOS	AG EXPERIMENT STATION (AES)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	024458-00001	Research	8/15/2021	8/14/2022	AUG. 2021	024458
\$19,983	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	AUG. 2021	020668
\$19,008	SWINE HEALTH INFORMATION CENTER	ASSESSMENT OF TEMPERATURE AND TIME TO INACTIVATE PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV) AND PORCINE EPIDEMIC DIARRHEA VIRUS (PEDV)	DE-SOUSA-E-SILVA, GUSTAVO	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE-VET	024213-00001	Research	6/15/2021	6/14/2022	AUG. 2021	024213
\$17,500	HILLPHOENIX	POLYMER AND FOOD PROTECTION (PFP) CONSORTIUM 2021 MEMBERSHIP; HILLPHOENIX 2021 PFPC MEMBERSHIP	VORST, KEITH	AG EXPERIMENT STATION (AES)	FOOD SCIENCE & HUMAN NUTRITION-AES	024509-00001	Research	5/1/2021	4/30/2022	AUG. 2021	
\$17,500	WHOLE FOODS MARKET SERVICES INC	POLYMER AND FOOD PROTECTION (PFP) CONSORTIUM 2021 MEMBERSHIP; WHOLE FOODS 2021 PFPC MEMBERSHIP	VORST, KEITH	AG EXPERIMENT STATION (AES)	FOOD SCIENCE & HUMAN NUTRITION-AES	024510-00001	Research	5/1/2021	4/30/2022	AUG. 2021	
\$17,500	JOHNSONVILLE SAUSAGE LLC	POLYMER AND FOOD PROTECTION (PFP) CONSORTIUM 2021 MEMBERSHIP; JOHNSONVILLE 2021 PFPC MEMBERSHIP	VORST, KEITH	AG EXPERIMENT STATION (AES)	FOOD SCIENCE & HUMAN NUTRITION-AES	024511-00001	Research	5/1/2021	4/30/2022	AUG. 2021	
\$15,700	AMERIGROUP IOWA INC	LATINO LIVE WELL NUTRITION PROGRAM	FRANCIS, SARAH LUCILLE	VICE PRESIDENT	FOOD SCIENCE & HUMAN NUTRITION-	024535-00001	Public Service	8/9/2021	12/31/2021	AUG. 2021	024535

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				FOR EXTENSION & OUTREACH (EXT)	EXT						
\$15,000	CITY OF AMES IOWA	CITY OF AMES, EPRC	KIMBER, ANNE	COLLEGE OF ENGINEERING (ENGR)	ELECTRICAL & COMPUTER ENGR-ENGR	008089-00001	Research	1/1/2002	6/30/2022	AUG. 2021	008089
\$15,000	IOWA PORK PRODUCERS ASSOCIATION	VALIDATION OF MANURE SENSING TECHNOLOGY FOR AGITATION MANAGEMENT FOR IMPROVE P UTILIZATION	ANDERSEN, DANIEL S	AG EXPERIMENT STATION (AES)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	024551-00001	Research	8/1/2021	7/31/2022	AUG. 2021	024551
\$13,386	IOWA DEPARTMENT OF TRANSPORTATION	ORGANIZATIONAL IMPROVEMENT USING DATA-DRIVEN APPROACHES	QIN, HANTANG	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	024603-00001	Research	8/15/2021	5/31/2022	AUG. 2021	024603
\$12,000	COOPER INSTITUTE	SERVICE AS THE FITNESSGRAM SCIENTIFIC ADVISORY BOARD (SAB) DIRECTOR	WELK, GREGORY	COLLEGE OF HUMAN SCIENCES (HS)	KINESIOLOGY-HS	012765-00001	Public Service	10/1/2014	9/30/2022	AUG. 2021	012765
\$11,038	PIONEER HI-BRED INTERNATIONAL INC	ANIMAL PRODUCT TESTING: INTEGRATING FIELD PEAS INTO FEEDLOT CATTLE DIETS	LOY, DANIEL DWIGHT	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	ANIMAL SCIENCE-EXT	024502-00001	Research	8/2/2021	7/31/2022	AUG. 2021	024502
\$10,000	COOPER INSTITUTE	SUPPLEMENTAL EVALUATION OF NFL PLAY60 FITNESSGRAM PROJECT	WELK, GREGORY	COLLEGE OF HUMAN SCIENCES (HS)	KINESIOLOGY-HS	022349-00001	Research	5/1/2020	12/31/2021	AUG. 2021	022349
\$10,000	OKLAHOMA DEPARTMENT OF WILDLIFE CONSERVATION	MULTI-STATE ANALYSIS OF ENVIRONMENTAL BIAS IN ROADSIDE SURVEYS OF RING-NECKED PHEASANT AND NORTHERN BOBWHITE	JANKE, ADAM K	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	NATURAL RESOURCE ECOLOGY & MGMT-EXT	024371-00001	Research	7/1/2021	6/30/2023	AUG. 2021	024371
\$10,000	TOYOTA MOTOR NORTH AMERICA INC	HUMAN SUBJECT TRIAL: ELECTROMYOGRAPHY ASSESSMENT OF THE BIOSERVO IRONHAND	GILLETTE, JASON C	COLLEGE OF HUMAN SCIENCES (HS)	KINESIOLOGY-HS	024469-00001	Research	1/1/2021	11/30/2021	AUG. 2021	024469

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		EXOSKELETON									
\$10,000	SENSIS AGENCY	MACHINE-LEARNING ENABLED NON-INVASIVE RAMAN SPECTROSCOPIC TEST FOR DIAGNOSING CHRONIC WASTING DISEASE (CWD) IN LIVE ANIMALS	YU, CHENXU	AG EXPERIMENT STATION (AES)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	024607-00001	Research	8/1/2021	7/31/2022	AUG. 2021	024607
\$8,868	HELLO NATURE BIOSCIENCE	NEUROCHEMICAL MODULATION OF PLANT GROWTH	LYTE, MARK	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY MICROBIOLOGY & PREVENTIVE MEDICINE-VET	024473-00001	Research	7/1/2021	10/31/2021	AUG. 2021	024473
\$7,800	ZINPRO CORPORATION	ANIMAL PRODUCT TRIAL-EVALUATIONS OF ZINPRO'S PRODUCTS ON THEIR MITIGATION OF H2S, NH3, AND CH4 EMITTED FROM STORED SWINE MANURE	KOZIEL, JACEK ADAM	AG EXPERIMENT STATION (AES)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	024247-00001	Research	6/1/2021	11/30/2021	AUG. 2021	024247
\$7,019	VANASSE HANGEN BRUSTLIN INC	SHRP2 NATURALISTIC DRIVING STUDY POOLED FUND: ADVANCING IMPLEMENTABLE SOLUTIONS - PHASE II	HALLMARK, SHAUNA L	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	024484-00001	Research	12/3/2019	9/3/2022	AUG. 2021	024484
\$5,000	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	024389-00001	Academic Support	6/1/2021	5/31/2022	AUG. 2021	
\$4,950	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	024523-00001	Public Service	8/1/2021	7/31/2022	AUG. 2021	024523
\$3,505	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	FY21 ANIMAL HEALTH AND DISEASE RESEARCH	ROBISON, DANIEL J	AG EXPERIMENT STATION (AES)	AES ADMINISTRATION-AES	024008-00001	Research	10/1/2020	9/30/2022	AUG. 2021	024008
\$3,333	BENTON COUNTY AGRICULTURAL EXTENSION DISTRICT	2022 RISING STAR INTERNSHIP - BENTON CAED - REGION 11	GORDON, RAEANN	VICE PRESIDENT FOR EXTENSION &	COOPERATIVE EXTENSION FIELD PROGRAM-EXT	024515-00001	Public Service	5/1/2022	12/31/2022	AUG. 2021	024515

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				OUTREACH (EXT)							
\$3,000	CORTEVA	FIELD TRIAL: WILL THE ADDITION OF GAMEON PROVIDE ACCEPTABLE CONTROL OF MATURE MILKWEED IN MANAGED NATIVE AREAS ON GOLF COURSES?	THOMS, ADAM WILLIAM	AG EXPERIMENT STATION (AES)	HORTICULTURE-AES	024584-00001	Research	8/1/2021	5/31/2022	AUG. 2021	
\$2,500	CLEANLITES RECYCLING	CMI AFFILIATE MEMBERSHIP PROGRAM	LOGRASSO, THOMAS ANTHONY	AMES LABORATORY (AMES LAB)	AMES LABORATORY DOE-VPR	024512-00001	Research	9/1/2021	12/31/2022	AUG. 2021	
\$2,500	SOUTHERN COMPANY SERVICES	CMI AFFILIATE MEMBERSHIP PROGRAM	LOGRASSO, THOMAS ANTHONY	AMES LABORATORY (AMES LAB)	AMES LABORATORY DOE-VPR	024531-00001	Research	7/1/2021	6/30/2022	AUG. 2021	
\$1,800	SPRAYTEC FERTILIZERS LLC	FIELD TRIAL- SEED TREATMENTS OF ILEVO, FULLTEC PLUS AGAINST SOYBEAN SUDDEN DEATH SYNDROME AND COMPARE WITH UNTREATED SEED FOR FARM PROGRESS SHOW	NAVI, SHRISHAIL SHARANAPP	AG EXPERIMENT STATION (AES)	PLANT PATHOLOGY-AES	024522-00001	Research	8/10/2021	10/8/2021	AUG. 2021	
\$1,750	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	AUG. 2021	
\$1,667	IOWA DEPARTMENT OF HUMAN SERVICES	IOWA SNAP-ED NUTRITION EDUCATION AND OBESITY PREVENTION PROGRAM FOR FY 2020	HRADEK, CHRISTINE ANN	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	HUMAN SCIENCES EXTENSION AND OUTREACH-EXT	021449-00001	Public Service	10/1/2019	9/30/2021	AUG. 2021	021449
\$1,500	CORTEVA	FIELD TRIAL: UNIVERSITY COI AND INFLUENCERS EXPERIENCE WITH GAMEON AND RELZAR	THOMS, ADAM WILLIAM	AG EXPERIMENT STATION (AES)	HORTICULTURE-AES	024588-00001	Research	8/1/2021	5/31/2022	AUG. 2021	
\$1,499	USDA-AGRICULTURAL RESEARCH	ACQUISITION OF GOODS AND SERVICES	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION	AGRONOMY-AES	023121-00001	Public Service	10/1/2020	9/30/2021	AUG. 2021	023121

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	SERVICES (ARS)			(AES)							
\$1,000	HHS-CENTERS FOR DISEASE CONTROL AND PREVENTION - INFLUENZA REAGENT RESOURCE (IRR)	DOMAIN 6: WHOLE GENOME SEQUENCING FOR TRANSMISSION OF HEALTHCARE-ASSOCIATED PATHOGENS STUDIES; DOMAIN 8: ANTIBIOTIC USE, RESISTANCE, AND STEWARDSHIP IN VETERINARY PRACTICE	ZHANG, QIJING	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY ADMINISTRATION-VET	024624-00001	Research	8/17/2021	9/29/2021	AUG. 2021	024624
\$500	PHOENIX SERVICES LLC	CMI AFFILIATE PROGRAM MEMBERSHIP	LOGRASSO, THOMAS ANTHONY	AMES LABORATORY (AMES LAB)	AMES LABORATORY DOE-VPR	024465-00001	Research	7/1/2021	6/30/2022	AUG. 2021	
\$500	UNIVERSITY OF NORTH DAKOTA	CMI AFFILIATE PROGRAM MEMBERSHIP	LOGRASSO, THOMAS ANTHONY	AMES LABORATORY (AMES LAB)	AMES LABORATORY DOE-VPR	024466-00001	Research	7/1/2021	6/30/2022	AUG. 2021	
\$500	PROCHEM INC INTERNATIONAL	CMI AFFILIATE PROGRAM MEMBERSHIP	LOGRASSO, THOMAS ANTHONY	AMES LABORATORY (AMES LAB)	AMES LABORATORY DOE-VPR	024553-00001	Research	7/1/2021	6/30/2022	AUG. 2021	
\$500	SOUTH STAR MINING CORPORATION	CMI AFFILIATE PROGRAM MEMBERSHIP	LOGRASSO, THOMAS ANTHONY	AMES LABORATORY (AMES LAB)	AMES LABORATORY DOE-VPR	024608-00001	Research	7/21/2021	12/31/2022	AUG. 2021	
\$475	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	024381-00001	Research	6/1/2021	5/31/2022	AUG. 2021	
\$300	GENVAX TECHNOLOGIES	NIAMRRE STARTUP INDUSTRY MEMBERSHIP	PLUMMER, PAUL J	VICE PRESIDENT FOR RESEARCH (VPR)	NATL INST OF AMR RESEARCH & EDUCATION-VPR	024463-00001	Research	7/23/2021	6/30/2022	AUG. 2021	
\$300	US BIOLOGIC INC	NIAMRRE STARTUP INDUSTRY MEMBERSHIP	PLUMMER, PAUL J	VICE PRESIDENT FOR RESEARCH (VPR)	NATL INST OF AMR RESEARCH & EDUCATION-VPR	024490-00001	Research	8/4/2021	6/30/2022	AUG. 2021	