

Calendar Year: 2021
Month: Apr

Award Count: 165
Award Total: \$57,297,976

Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
\$8,813,636	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	APR. 2021	
\$7,572,612	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	APR. 2021	
\$5,529,224	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	COOPERATIVE EXTENSION PROGRAMS AT 1862 LAND-GRANT INSTITUTIONS - IOWA 2021	LAWRENCE, JOHN D	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION ADMINISTRATION-EXT	023415-00001	Public Service	10/1/2020	9/30/2025	APR. 2021	023415
\$5,199,016	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	APR. 2021	4012501
\$3,121,268	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	2021 HATCH CAPACITY GRANT	ROBISON, DANIEL J	AG EXPERIMENT STATION (AES)	AES ADMINISTRATION-AES	023468-00001	Research	10/1/2020	9/30/2022	APR. 2021	023468
\$3,000,000	DOT-FEDERAL AVIATION ADMINISTRATION (FAA)	ADMINISTRATION OF FAA RESEARCH PROGRAM	TAYLOR, PETER C	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	023063-00001	Research	9/17/2020	9/16/2022	APR. 2021	023063
\$2,120,743	DOC-NATIONAL INSTITUTE OF STANDARDS & TECHNOLOGY (NIST)	IOWA CENTER FOR INDUSTRIAL RESEARCH AND SERVICE MEP CENTER	O'DONNELL, MICHAEL ROBERT	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR INDUSTRIAL RESEARCH & SERVICE-ENGR	016727-00001	Public Service	4/1/2017	3/31/2022	APR. 2021	4263522
\$1,921,724	NSF-NATIONAL SCIENCE FOUNDATION	CPS: FRONTIER: COLLABORATIVE RESEARCH: COALESCE: CONTEXT AWARE LEARNING	SARKAR, SOUMIK	COLLEGE OF ENGINEERING (ENGR)	MECHANICAL ENGINEERING-ENGR	023902-00001	Research	4/15/2021	3/31/2026	APR. 2021	023902

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		FOR SUSTAINABLE CYBER-AGRICULTURAL SYSTEMS									
\$1,800,250	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	APR. 2021	
\$1,264,439	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	APR. 2021	
\$1,263,051	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	2021 HATCH MULTISTATE FUNDING	ROBISON, DANIEL J	AG EXPERIMENT STATION (AES)	AES ADMINISTRATION-AES	023057-00001	Research	10/1/2020	9/30/2022	APR. 2021	023057
\$1,243,048	SBA-US SMALL BUSINESS ADMINISTRATION	2021 SBA COOPERATIVE AGREEMENT	SHIMKAT, LISA MARIE	COLLEGE OF BUSINESS (BUS)	SMALL BUSINESS DEVELOPMENT CENTER-BUS	023992-00001	Public Service	1/1/2021	12/31/2022	APR. 2021	023992
\$1,014,951	IOWA HOMELAND SECURITY & EMERGENCY MANAGEMENT DIVISION	FEMA STORM REIMBURSEMENTS 8-10-20	WHALEN, BONNIE SUE	SVP-UNIV SERVICES (UNSRV)	SR VP FOR UNIVERSITY SERVICES-UNSRV	023180-00001	Institutional Support	8/17/2020	2/17/2022	APR. 2021	023180
\$820,381	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	022734-00001	Operations & Maintenance	6/1/2020	5/31/2021	APR. 2021	
\$537,581	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	EXPANDED FOOD AND NUTRITION EDUCATION PROGRAM - IOWA 2021	HRADEK, CHRISTINE ANN	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	HUMAN SCIENCES EXTENSION AND OUTREACH-EXT	023399-00001	Public Service	10/1/2020	9/30/2025	APR. 2021	023399
\$515,000	DEERE & COMPANY	TECHNICAL EVALUATION:	DARR, MATTHEW	AG EXPERIMENT	BIOCENTURY RESEARCH FARM-	023881-00001	Research	2/1/2021	1/31/2022	APR. 2021	023881

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		PRODUCTION SYSTEMS INNOVATIONS, PHASE 4	JOHN	STATION (AES)	AES						
\$500,000	PORTLAND CEMENT ASSOCIATION	MANAGEMENT OF THE NATIONAL CONCRETE PAVEMENT TECHNOLOGY CENTER	TAYLOR, PETER C	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	023523-00001	Institutional Support	1/1/2021	12/31/2021	APR. 2021	023523
\$460,000	NSF-NATIONAL SCIENCE FOUNDATION	THEORETICAL AND EXPERIMENTAL INVESTIGATION OF PHOTOHETEROLYSIS REACTIONS	WINTER, ARTHUR	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	CHEMISTRY-LAS	024010-00001	Research	5/1/2021	4/30/2024	APR. 2021	024010
\$450,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	PAIRED ELECTROCATALYTIC PROCESSING OF AGRICULTURAL WASTE CARBON FOR PRODUCTION OF VALUABLE CHEMICALS	LI, WENZHEN	VICE PRESIDENT FOR RESEARCH (VPR)	BIOECONOMY INSTITUTE-VPR	023911-00001	Research	6/1/2021	5/31/2024	APR. 2021	023911
\$447,716	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	APR. 2021	
\$427,589	NSF-NATIONAL SCIENCE FOUNDATION	RTG: COMBINATORICS, COMPUTATION AND APPLICATIONS AT IOWA STATE	HOGBEN, LESLIE	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	MATHEMATICS-LAS	020256-00001	Scholarships & Fellowships	5/1/2019	4/30/2024	APR. 2021	4200451
\$411,542	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	APR. 2021	
\$396,908	NIH-NATIONAL CANCER INSTITUTE (NCI)	USING NATURAL LANGUAGE PROCESSING AND	KING, ANDREW JAMES	COLLEGE OF LIBERAL ARTS &	GREENLEE SCHOOL OF JOURNALISM & COMMUNICATION-	023864-00001	Research	4/15/2021	2/28/2022	APR. 2021	023864

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		CROWDSOURCING TO MONITOR AND EVALUATE PUBLIC INFORMATION AND COMMUNICATION DISPARITIES ABOUT COLON CANCER SCREENING		SCIENCES (LAS)	LAS						
\$373,549	NIH-NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS & STROKE (NINDS)	NEUROINFLAMMATION AND MICROGLIAL KV1.3 IN PARKINSON'S DISEASE	KANTHASAMY, ANUMANTHA G	COLLEGE OF VETERINARY MEDICINE (VET)	IOWA CENTER FOR ADVANCED NEUROTOXICOLOGY-VET	017675-00001	Research	8/1/2017	4/30/2022	APR. 2021	4301738
\$347,362	IOWA DEPARTMENT OF TRANSPORTATION	PAVEMENT MANAGEMENT SUPPORT FOR THE IOWA DOT AND LOCAL AGENCIES	SMADI, OMAR G	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	018840-00001	Research	1/1/2018	12/31/2021	APR. 2021	4748063
\$334,688	NIH-NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS & STROKE (NINDS)	SPLICING REGULATION OF SPINAL MUSCULAR ATROPHY GENES	SINGH, RAVINDRA NARAYAN	COLLEGE OF VETERINARY MEDICINE (VET)	IOWA CENTER FOR ADVANCED NEUROTOXICOLOGY-VET	020692-00001	Research	5/1/2019	3/31/2022	APR. 2021	4301741
\$333,219	NIH-NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES (NIEHS)	NOVEL MECHANISMS OF PESTICIDE-INDUCED NEUROTOXICITY	KANTHASAMY, ANUMANTHA G	COLLEGE OF VETERINARY MEDICINE (VET)	IOWA CENTER FOR ADVANCED NEUROTOXICOLOGY-VET	017007-00001	Research	4/1/2017	3/31/2022	APR. 2021	4301733
\$303,747	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: HILLSLOPE MORPHOLOGY NEVER STOPS: VALIDATING HILLSLOPE EVOLUTION MODELS ON TRANSPORT LIMITED, LOW RELIEF LANDSCAPES	MILLER, BRADLEY ALLEN	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	023865-00001	Research	8/1/2021	7/31/2026	APR. 2021	023865
\$240,000	PRATT &	TASK RELEASE 82	ROBERTS,	COLLEGE OF	CENTER FOR	021051-00001	Research	4/1/2019	7/31/2022	APR.	021051

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	WHITNEY - A DIVISION OF UNITED TECHNOLOGIES CORPORATION		RONALD ALLEN	ENGINEERING (ENGR)	NONDESTRUCTIVE EVALUATION-ENGR					2021	
\$236,912	BOEING COMPANY	DEVELOPMENT OF A WIDEBAND FREQUENCY SELECTIVE RESONANCE (FSR) INSPECTION SYSTEM	ZOUGH, REZA	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR NONDESTRUCTIVE EVALUATION-ENGR	023884-00001	Research	3/16/2021	11/30/2021	APR. 2021	023884
\$218,862	DOC-NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION (NOAA)	IMPROVED DIAGNOSIS OF SEVERE WIND OCCURRENCE THROUGH MACHINE LEARNING	GALLUS, WILLIAM ANDREW JR	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	020943-00001	Research	7/1/2019	6/30/2022	APR. 2021	020943
\$195,997	MICHIGAN STATE UNIVERSITY	NORTH CENTRAL INTEGRATED PEST MANAGEMENT CENTER (NCIPMC): A REGIONAL APPROACH TO PEST MANAGEMENT IMPLEMENTATION FY18-FY22	ILES, LAURA CHRISTINE J	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	PLANT PATHOLOGY-EXT	019880-00001	Public Service	9/1/2018	8/31/2023	APR. 2021	4103934
\$193,790	DOT-FEDERAL HIGHWAY ADMINISTRATION (FHWA)	APPLYING THE TRANSPORTATION ASSET MANAGEMENT PLAN (TAMP) SYSTEM PERFORMANCE REQUIREMENTS TO PAVEMENT AND BRIDGE CONDITIONS	SMADI, OMAR G	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	024012-00001	Research	4/26/2021	7/25/2022	APR. 2021	024012
\$191,082	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: SYNTHESIS AND PROPERTIES OF GROUP IV COLLOIDAL QUANTUM WELLS	PANTHANI, MATTHEW GEORGE	COLLEGE OF ENGINEERING (ENGR)	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	020062-00001	Research	4/1/2019	3/31/2024	APR. 2021	4207036

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\$188,716	UNITED ANIMAL HEALTH	ANIMAL PRODUCT TRIAL- EVALUATING IF STRATERIS TM ECL AFFECTS INTESTINAL PERMEABILITY AND INFLAMMATION DURING FEED RESTRICTION IN A LACTATING COW MODEL	BAUMGARD, LANCE HALL	AG EXPERIMENT STATION (AES)	ANIMAL SCIENCE-AES	023918-00001	Research	5/1/2021	12/31/2022	APR. 2021	023918
\$171,796	PRATT & WHITNEY - A DIVISION OF UNITED TECHNOLOGIES CORPORATION	ISU TASK 86	KOESTER, LUCAS	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR NONDESTRUCTIVE EVALUATION-ENGR	023964-00001	Research	3/1/2021	12/31/2021	APR. 2021	023964
\$167,870	IOWA DEPARTMENT OF TRANSPORTATION	EVALUATION OF THE USE OF IRI DATA TO ESTIMATE BRIDGE IMPACT FACTOR	FREESEMAN, KATELYN SUE	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	024006-00001	Research	3/1/2021	6/30/2022	APR. 2021	024006
\$167,262	NSF-NATIONAL SCIENCE FOUNDATION	BRATLIE IPA ASSIGNMENT YEAR 1	BRATLIE, KAITLIN	COLLEGE OF ENGINEERING (ENGR)	CHEMICAL & BIOLOGICAL ENGINEERING-ENGR	022446-00001	Public Service	6/22/2020	6/21/2022	APR. 2021	022446
\$156,089	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	APR. 2021	024007
\$155,000	PENNSYLVANIA STATE UNIVERSITY	ASSURING INCREASINGLY AUTONOMOUS CAPABILITIES WITH NOVEL DELEGATIONS OF AUTHORITY AND RESPONSIBILITY	FLEMING, CODY	COLLEGE OF ENGINEERING (ENGR)	MECHANICAL ENGINEERING-ENGR	023858-00001	Research	8/1/2020	12/31/2021	APR. 2021	023858
\$151,293	NSF-NATIONAL	DEFORMATION OF	LEVITAS,	COLLEGE OF	AEROSPACE	020904-00001	Research	7/1/2019	6/30/2022	APR.	020904

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	SCIENCE FOUNDATION	METALS UNDER HIGH PRESSURE: MULTISCALE STRESS FIELDS, PLASTICITY, AND PHASE TRANSFORMATIONS	VALERY	ENGINEERING (ENGR)	ENGINEERING-ENGR					2021	
\$140,000	VERMEER CORPORATION	PRODUCT FLOW AND QUALITY SENSING FOR MATERIAL HANDLING	DARR, MATTHEW JOHN	AG EXPERIMENT STATION (AES)	BIOCENTURY RESEARCH FARM-AES	023990-00001	Research	4/1/2021	12/31/2021	APR. 2021	023990
\$131,565	NATIONAL MILK PRODUCERS FEDERATION	ADVANCING ON-FARM EVERYDAY AND ENHANCED BIOSECURITY WITH U.S. DAIRY FARMERS THROUGH THE NATIONAL DAIRY FARM PROGRAM	BICKETT-WEDDLE, DANELLE A	COLLEGE OF VETERINARY MEDICINE (VET)	CTR FOR FOOD SECURITY & PUBLIC HEALTH-VET	023997-00001	Public Service	3/1/2021	2/28/2023	APR. 2021	023997
\$130,000	DOT-FEDERAL AVIATION ADMINISTRATION (FAA)	PROJECT 32- ROTORCRAFT WIRE STRIKE	EISENMANN, DAVID J	COLLEGE OF ENGINEERING (ENGR)	ENGINEERING RESEARCH INSTITUTE-ENGR	021656-00001	Research	9/26/2019	3/19/2022	APR. 2021	021656
\$114,322	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: EXPLORING CHIRAL EDGE PLASMONS IN NOVEL TWO-DIMENSIONAL MATERIALS	FEI, ZHE	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	PHYSICS & ASTRONOMY-LAS	021853-00001	Research	6/1/2020	5/31/2025	APR. 2021	021853
\$110,234	LEIDOS INC	ROADWAY DATA IMPROVEMENT PROGRAM (RDIP)	SMADI, OMAR G	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	023922-00001	Research	3/31/2021	3/18/2022	APR. 2021	023922
\$101,021	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: COMBINING PHYSICAL AND NUMERICAL MODELS TO CHARACTERIZE THE CONTRIBUTION	REBER-VETTIGER, JACQUELIN	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	GEOLOGICAL & ATMOSPHERIC SCIENCES-LAS	020956-00001	Research	7/15/2019	6/30/2024	APR. 2021	020956

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		OF SEMI-BRITTLE RHEOLOGY TO DEFORMATION DYNAMICS AND STRAIN TRANSIENTS									
\$100,000	MONSANTO COMPANY	FIELD TRIAL - SO 76	CASTELLANO, MICHAEL	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	023882-00001	Research	4/1/2021	3/31/2022	APR. 2021	023882
\$96,390	UNIVERSITY OF TEXAS AUSTIN	SYNTHETIC BIOLOGY FOR CONTROLLED RELEASE	KANTHASAMY, ANUMANTHA G	COLLEGE OF VETERINARY MEDICINE (VET)	IOWA CENTER FOR ADVANCED NEUROTOXICOLOGY-VET	021549-00001	Research	5/4/2019	1/31/2022	APR. 2021	021549
\$96,000	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	BIOSECURITY COURSES FOR VETERINARY AUDIENCES TO INCREASE IMPLEMENTATION OF PRACTICAL MEASURES TO PROTECT ANIMAL HEALTH - IDALS	ROTH, JAMES ALLEN	COLLEGE OF VETERINARY MEDICINE (VET)	CTR FOR FOOD SECURITY & PUBLIC HEALTH-VET	023982-00001	Public Service	4/15/2021	12/31/2022	APR. 2021	023982
\$95,524	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	APR. 2021	
\$95,160	OHIO STATE UNIVERSITY	INCREASING SOYBEAN GENETIC GAIN FOR YIELD AND SEED COMPOSITION BY DEVELOPING TOOLS, KNOW-HOW AND COMMUNITY AMONG PUBLIC BREEDERS IN THE NORTH CENTRAL US	SINGH, ASHEESH KUMAR	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	023883-00001	Research	10/1/2020	9/30/2021	APR. 2021	023883

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\$90,000	NXP SEMICONDUCTOR	BUILT-IN SELF-TEST AND SELF-CALIBRATION FOR REAL TIME AUTOMOTIVE RELIABILITY AND FUNCTIONAL SAFETY	CHEN, DEGANG	COLLEGE OF ENGINEERING (ENGR)	ELECTRICAL & COMPUTER ENGR-ENGR	020246-00001	Research	1/1/2019	12/31/2020	APR. 2021	4007231
\$90,000	NEA-NATIONAL ENDOWMENT FOR THE ARTS	EXPLORING THE MECHANISMS OF GROUP SINGING IN PERSONS WITH PARKINSON'S DISEASE	STEGEMOLLER, ELIZABETH	COLLEGE OF HUMAN SCIENCES (HS)	KINESIOLOGY-HS	023931-00001	Research	7/1/2021	6/30/2024	APR. 2021	023931
\$77,459	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	023120-00001	Public Service	10/1/2020	9/30/2021	APR. 2021	023120
\$77,000	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	APR. 2021	
\$75,000	UNIVERSITY OF CALIFORNIA-LAWRENCE BERKELEY NATIONAL LABORATORY	THE JOINT BIOENERGY INSTITUTE	SHANKS, BRENT H	VICE PRESIDENT FOR RESEARCH (VPR)	CENTER FOR BIORENEWABLE CHEMICALS-VPR	018654-00001	Research	3/9/2018	9/30/2022	APR. 2021	4046204
\$75,000	NEWLEAF SYMBIOTICS	FIELD TRIAL FOR NEWLEAF SYMBIOTICS	GASSMANN, AARON JOHN	AG EXPERIMENT STATION (AES)	ENTOMOLOGY-AES	023889-00001	Research	4/1/2021	1/31/2022	APR. 2021	023889
\$74,483	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	PROBING THE INTEGRATION AND EXPRESSION HOTSPOTS OF NONCONVENTIONAL YEASTS FOR PRODUCING HIGH-	SHAO, ZENGYI	VICE PRESIDENT FOR RESEARCH (VPR)	CENTER FOR BIORENEWABLE CHEMICALS-VPR	022049-00001	Research	12/1/2019	11/30/2021	APR. 2021	022049

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		VALUE CHEMICALS									
\$69,910	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	APR. 2021	
\$65,000	IOWA DEPARTMENT OF MANAGEMENT	ADVANCING THE I2D2 PARTNERSHIP FOR STATE AND COMMUNITY-LEVEL STRATEGIC PLANNING AND OUTREACH	ROUSE, HEATHER L	COLLEGE OF HUMAN SCIENCES (HS)	HUMAN DEVELOPMENT & FAMILY STUDIES-HS	023870-00001	Research	4/1/2021	6/30/2021	APR. 2021	023870
\$65,000	DEERE & COMPANY	TECHNICAL EVALUATION: SEEDING TECHNOLOGY DEVELOPMENT PROGRAM, PHASE 4 - PART 3	DARR, MATTHEW JOHN	AG EXPERIMENT STATION (AES)	BIOCENTURY RESEARCH FARM-AES	023879-00001	Research	2/1/2021	10/31/2021	APR. 2021	023879
\$63,179	VAN WALL EQUIPMENT	DEVELOP SOIL NUTRIENT SENSORS THAT CAN SEAMLESSLY INTEGRATE WITH AQUACHECK SENSOR PROBES FOR SOIL FERTILITY MONITORING AND WATER QUALITY TESTING THROUGHOUT THE GROWING SEASON	CLAUSSEN, JONATHAN	COLLEGE OF ENGINEERING (ENGR)	VIRTUAL REALITY APPLICATIONS CENTER-ENGR	020420-00001	Research	1/22/2019	4/30/2021	APR. 2021	4006573
\$63,074	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	FY201 ANIMAL HEALTH AND DISEASE RESEARCH	ROBISON, DANIEL J	AG EXPERIMENT STATION (AES)	AES ADMINISTRATION-AES	024008-00001	Research	10/1/2020	9/30/2022	APR. 2021	024008
\$61,200	UNIVERSITY OF	FOUNDATIONS FOR	LUBBERSTEDT,	AG	AGRONOMY-AES	020920-00001	Research	11/1/2018	11/3/2021	APR.	020920

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	ILLINOIS URBANA CHAMPAIGN	SOYBEAN IN AFRICA (SIL 2.0)	THOMAS	EXPERIMENT STATION (AES)						2021	
\$60,500	AMERICAN EGG BOARD	AEB AND EIC PARTNERSHIP TO PROVIDE MONTHLY INDUSTRY REPORTS, ECONOMIC ANALYSIS AND INFORMATION SYNTHESIS FOR THE U.S. EGG INDUSTRY	GATES, RICHARD S	AG EXPERIMENT STATION (AES)	EGG INDUSTRY CENTER-AES	023275-00001	Public Service	1/1/2021	12/31/2021	APR. 2021	023275
\$60,000	PRATT & WHITNEY - A DIVISION OF UNITED TECHNOLOGIES CORPORATION	ISU TASK 83	ZOUGH, REZA	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR NONDESTRUCTIVE EVALUATION-ENGR	023876-00001	Research	3/1/2021	12/31/2021	APR. 2021	023876
\$60,000	DEERE & COMPANY	TECHNICAL EVALUATION: WINDROWER SENSOR EVALUATION, PHASE 1	ASKEY, JEFFREY CLARK	AG EXPERIMENT STATION (AES)	BIOCENTURY RESEARCH FARM-AES	023897-00001	Research	3/1/2021	10/31/2021	APR. 2021	023897
\$59,973	NSF-NATIONAL SCIENCE FOUNDATION	EVOLUTION OF DOSAGE COMPENSATION - AN EMPIRICAL TEST USING TURTLES WITH INDEPENDENTLY EVOLVED XX/XY AND ZZ/ZW SEX CHROMOSOMES	VALENZUELA-CASTRO, MARIA	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-LAS	014957-00001	Research	2/1/2016	1/31/2022	APR. 2021	4207124
\$58,927	MASSACHUSETTS INSTITUTE OF TECHNOLOGY-LINCOLN LABORATORY	RESEARCH ON WIDEBAND HARDWARE AND SIGNAL PROCESSING TECHNOLOGY	BOLSTAD, ANDREW K	COLLEGE OF ENGINEERING (ENGR)	ELECTRICAL & COMPUTER ENGR-ENGR	019254-00001	Research	7/15/2018	9/30/2021	APR. 2021	4046208
\$55,000	NSF-NATIONAL SCIENCE	DEVELOPING FLEXIBLE RESONATOR	REUEL, NIGEL FOREST	COLLEGE OF ENGINEERING	CHEMICAL & BIOLOGICAL	019599-00001	Research	9/15/2018	2/28/2022	APR. 2021	4207031

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	FOUNDATION	SENSORS IN AN INDUSTRY/ UNIVERSITY ECOSYSTEM		(ENGR)	ENGINEERING-ENGR						
\$54,467	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	APR. 2021	
\$53,994	NASA-NATIONAL AERONAUTICS & SPACE ADMINISTRATION	PASSIVELY-CODED MINIATURIZED WIDEBAND MICROWAVE SENSORS FOR MATERIALS CHARACTERIZATION AND STRUCTURAL HEALTH MONITORING (SHM)	ZOUGH, REZA	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR NONDESTRUCTIVE EVALUATION-ENGR	021736-00001	Scholarships & Fellowships	11/13/2019	7/31/2021	APR. 2021	021736
\$53,987	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	APR. 2021	
\$52,476	PRATT & WHITNEY - A DIVISION OF UNITED TECHNOLOGIES CORPORATION	ISU TASK 85	KOESTER, LUCAS	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR NONDESTRUCTIVE EVALUATION-ENGR	023958-00001	Research	3/1/2021	12/31/2021	APR. 2021	023958
\$51,200	BASF CORPORATION	FIELD TRIAL - NRS-TRAIT/SOY/SCN EFFICACY MULTI RESISTANCE MG2-7	TYLKA, GREGORY L	AG EXPERIMENT STATION (AES)	PLANT PATHOLOGY- AES	023981-00001	Research	4/10/2021	4/9/2022	APR. 2021	023981
\$50,021	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	APR. 2021	022878
\$50,000	COLORADO	ICANFSA PHASE II	COLLINS,	COLLEGE OF	MATERIALS SCIENCE	017884-00001	Research	8/15/2017	6/30/2022	APR.	4006250

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	SCHOOL OF MINES	MEMBERSHIP FUNDS	PETER CHANCELLOR	ENGINEERING (ENGR)	& ENGINEERING-ENGR					2021	
\$50,000	UNIVERSITY OF NEBRASKA LINCOLN	CAPITALIZING ON THE SYNERGY OF INCORPORATING ANNUAL FORAGES IN GRAZING PLANS TO REDUCE RISK	SCHWAB, DENISE LYN	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION TO AGRICULTURE & NATURAL RESOURCES-EXT	023868-00001	Research	4/1/2021	9/30/2022	APR. 2021	023868
\$50,000	NSF-NATIONAL SCIENCE FOUNDATION	I-CORPS: SELF-HEATING, ELECTRICALLY CONDUCTIVE CONCRETE HEATED PAVEMENT SYSTEM FOR SUSTAINABLE WINTER MAINTENANCE OPERATION	CEYLAN, HALIL	COLLEGE OF ENGINEERING (ENGR)	CIVIL, CONSTRUCTION & ENVIRONMENTAL ENGINEERING-ENGR	023917-00001	Research	4/15/2021	9/30/2021	APR. 2021	023917
\$50,000	DOD-ARMY CORPS OF ENGINEERS (USACE)	AN EVALUATION OF FISH MOVEMENT IN THE BIG SANDY LAKE WATERSHED AND ESCAPEMENT OF FISH THROUGH BIG SANDY LAKE DAM, MINNESOTA	WEBER, MICHAEL JOHN	AG EXPERIMENT STATION (AES)	NATURAL RESOURCE ECOLOGY & MGMT-AES	023948-00001	Research	5/1/2021	4/30/2022	APR. 2021	023948
\$50,000	NSF-NATIONAL SCIENCE FOUNDATION	IMPROVE COATING PROPERTIES BY JANUS PARTICLE ADDITIVES	JIANG, SHAN	COLLEGE OF ENGINEERING (ENGR)	MATERIALS SCIENCE & ENGINEERING-ENGR	023999-00001	Research	4/1/2021	9/30/2021	APR. 2021	023999
\$49,990	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	022743-00001	Research	6/1/2020	5/31/2021	APR. 2021	
\$48,000	ADVANSIX	FIELD TRIAL- SULFUR ON SOYBEAN	LICHT, MARK A	AG EXPERIMENT STATION	AGRONOMY-AES	023887-00001	Research	4/1/2021	3/31/2023	APR. 2021	023887

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				(AES)							
\$46,854	UNIVERSITY OF NEBRASKA MEDICAL CENTER	MODELING MULTIDIMENSIONAL RISK IN REAL-WORLD DRIVERS WITH DIABETES	SHARMA, ANUJ	VICE PRESIDENT FOR RESEARCH (VPR)	INSTITUTE FOR TRANSPORTATION-VPR	019045-00001	Research	5/31/2018	7/31/2021	APR. 2021	4007770
\$45,500	BELCHIM CROP PROTECTION	FIELD TRIAL-EVALUATING THE CROP TOLERANCE AND EFFICACY OF PYRIDATE (TOUGH) FOR CONTROLLING HERBICIDE-RESISTANT WEEDS IN CORN AND SOYBEAN	JHA, PRASHANT	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	023886-00001	Research	4/1/2021	5/31/2022	APR. 2021	023886
\$44,477	FORT VALLEY STATE UNIVERSITY	DEVELOPING HIGH-THROUGHPUT PHENOTYPING CAPACITY AT FORT VALLEY STATE UNIVERSITY FOR GENETIC ENHANCEMENT OF SUGARCANE APHID RESISTANCE IN SORGHUM	PESCHEL, JOSHUA MICHAEL	COLLEGE OF ENGINEERING (ENGR)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-ENGR	020492-00001	Research	2/15/2019	2/14/2022	APR. 2021	4046235
\$43,786	PENNSYLVANIA STATE UNIVERSITY	AN ADOPTION STUDY OF THE DEVELOPMENT OF EARLY SUBSTANCE USE: THE JOINT ROLES OF GENETIC INFLUENCES, PRENATAL RISK, REARING ENVIRONMENT, AND PUBERTAL MATURATION	SHIRTCLIFF, ELIZABETH	COLLEGE OF HUMAN SCIENCES (HS)	HUMAN DEVELOPMENT & FAMILY STUDIES-HS	023910-00001	Research	2/1/2020	1/31/2021	APR. 2021	023910

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\$40,999	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	023111-00001	Public Service	10/1/2020	9/30/2021	APR. 2021	023111
\$40,425	OHIO STATE UNIVERSITY	DEVELOPING THE PERFECT MOLECULAR MARKERS AND NEW GERMPLASM FOR RAPID INCORPORATION OF RESISTANCE TO SOIL BORNE PATHOGENS OF SOYBEAN	ROBERTSON, ALISON E	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	PLANT PATHOLOGY- EXT	023905-00001	Research	3/1/2021	12/31/2021	APR. 2021	023905
\$40,000	DEERE & COMPANY	TECHNICAL EVALUATION: SEEDING TECHNOLOGY DEVELOPMENT PROGRAM, PHASE 4 - PART 1	DARR, MATTHEW JOHN	AG EXPERIMENT STATION (AES)	BIOCENTURY RESEARCH FARM- AES	023880-00001	Research	2/1/2021	10/31/2021	APR. 2021	023880
\$37,335	UNIVERSITY OF NEBRASKA MEDICAL CENTER	WHOLE-OF- COMMUNITY SYSTEMS INTERVENTION FOR YOUTH POPULATION PHYSICAL ACTIVITY	WELK, GREGORY	COLLEGE OF HUMAN SCIENCES (HS)	KINESIOLOGY-HS	018948-00001	Research	1/4/2018	12/31/2021	APR. 2021	4042883
\$35,650	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	DINSMORE, STEPHEN J	AG EXPERIMENT STATION (AES)	ENTOMOLOGY-AES	023248-00001	Public Service	10/1/2020	9/30/2021	APR. 2021	023248
\$35,000	BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC	UNDERSTANDING THE IMPORTANCE OF THE GUT MICROBIOME ON PRRSV VACCINE EFFICACY	OPRIESSNIG, TANJA I	COLLEGE OF VETERINARY MEDICINE (VET)	VETERINARY DIAGNOSTIC & PRODUCTION ANIMAL MEDICINE- VET	023978-00001	Research	5/1/2021	4/1/2022	APR. 2021	023978
\$34,199	VARIOUS ISUF DONORS- INDUSTRY/	IOWA STATE UNIVERSITY FOUNDATION	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	022739-00001	Operations & Maintenance	6/1/2020	5/31/2021	APR. 2021	

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	CORPORATE	DONATIONS									
\$28,587	GEISINGER CLINIC	PATIENT-CLINIC-COMMUNITY INTEGRATION TO PREVENT OBESITY AMONG RURAL PRESCHOOL CHILDREN	WELK, GREGORY	COLLEGE OF HUMAN SCIENCES (HS)	KINESIOLOGY-HS	022527-00001	Research	3/1/2020	2/28/2022	APR. 2021	022527
\$27,293	ENVIRONMENTAL DEFENSE FUND	WHOLE RIVER SCOPING OF THE MISSISSIPPI RIVER BASIN	GASSMAN, PHILIP W	AG EXPERIMENT STATION (AES)	CENTER FOR AGRICULTURAL & RURAL DEVELOPMENT-AES	023954-00001	Research	4/15/2021	9/30/2021	APR. 2021	023954
\$26,921	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	APR. 2021	024001
\$25,367	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	RENEWABLE RESOURCES EXTENSION ACT PROGRAM - IOWA FY 2021	JANKE, ADAM K	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	NATURAL RESOURCE ECOLOGY & MGMT-EXT	023218-00001	Public Service	10/1/2020	9/30/2022	APR. 2021	023218
\$25,000	PROMISE PARTNERS	LOCAL NEEDS ASSESSMENT AND STRATEGIC PLANNING FOR EARLY CHILDHOOD: AN INTEGRATED DATA SYSTEM PARTNERSHIP DEMONSTRATION	ROUSE, HEATHER L	COLLEGE OF HUMAN SCIENCES (HS)	HUMAN DEVELOPMENT & FAMILY STUDIES-HS	023956-00001	Research	3/1/2021	11/30/2021	APR. 2021	023956
\$25,000	PRATT & WHITNEY - A DIVISION OF UNITED TECHNOLOGIES CORPORATION	ISU TASK 87	ROBERTS, RONALD ALLEN	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR NONDESTRUCTIVE EVALUATION-ENGR	023994-00001	Research	2/1/2021	12/15/2021	APR. 2021	023994

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\$24,467	NORTH DAKOTA STATE UNIVERSITY	MULTI-FUNCTIONAL BIODEGRADABLE MULCH FOR SPECIALTY CROP PRODUCTION	NAIR, AJAY	AG EXPERIMENT STATION (AES)	HORTICULTURE-AES	023896-00001	Research	7/1/2021	6/30/2022	APR. 2021	023896
\$23,520	SYNGENTA CROP PROTECTION LLC	FIELD TRIAL-SCREENING SOYBEAN LINES FOR RESISTANCE TO SWM	MUELLER, DAREN SHANE	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	PLANT PATHOLOGY-EXT	023971-00001	Research	4/1/2021	12/1/2021	APR. 2021	
\$23,466	BELLOTA AGRISOLUTIONS & TOOLS USA	TECHNICAL EVALUATION - SEED-BED EQUIPMENT TILLAGE SYSTEMS IMPACTS ON CORN AND SOYBEAN PRODUCTION: PHASE-1	TEKESTE, MEHARI	COLLEGE OF ENGINEERING (ENGR)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-ENGR	023944-00001	Research	2/1/2021	12/31/2021	APR. 2021	023944
\$23,366	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	12/31/2021	APR. 2021	023979
\$22,141	IOWA DEPARTMENT OF NATURAL RESOURCES	SAVING IOWA NATIVE WHITE PINES-MAPPING DISTRIBUTION AND ABUNDANCE TRENDS IN NORTHEASTERN IOWA	WOLTER, PETER THOMAS	AG EXPERIMENT STATION (AES)	NATURAL RESOURCE ECOLOGY & MGMT-AES	023996-00001	Public Service	8/1/2020	7/31/2023	APR. 2021	023996
\$20,885	INSTITUTE FOR FEED EDUCATION AND RESEARCH	IMPACT OF NONGMO LIVESTOCK AND POULTRY FEED ON THE US FEED INDUSTRY	BOWERS, ERIN LOUISE	AG EXPERIMENT STATION (AES)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-AES	019991-00001	Research	1/1/2019	8/15/2021	APR. 2021	4004751
\$20,226	DOI-US	BIOSURVEILLANCE	KLAVER,	AG	NATURAL RESOURCE	021982-00001	Research	1/27/2020	9/30/2022	APR.	021982

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	GEOLOGICAL SURVEY (USGS)	FOR BIGHORN SHEEP RESPIRATORY DISEASE	ROBERT W	EXPERIMENT STATION (AES)	ECOLOGY & MGMT-AES					2021	
\$19,998	MICHIGAN STATE UNIVERSITY	NORTH CENTRAL INTEGRATED PEST MANAGEMENT CENTER (NCIPMC): A REGIONAL APPROACH TO PEST MANAGEMENT IMPLEMENTATION FY18-FY22	HAYSLETT, MAYA COLLINS	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	PLANT PATHOLOGY-EXT	023869-00001	Public Service	3/1/2021	2/28/2022	APR. 2021	023869
\$19,832	MICHIGAN STATE UNIVERSITY	NORTH CENTRAL INTEGRATED PEST MANAGEMENT CENTER (NCIPMC): A REGIONAL APPROACH TO PEST MANAGEMENT IMPLEMENTATION FY18-FY22	SISSON, ADAM JAMES	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	PLANT PATHOLOGY-EXT	023867-00001	Public Service	3/1/2021	2/28/2022	APR. 2021	023867
\$17,500	HY-VEE	POLYMER AND FOOD PROTECTION CONSORTIUM 2021 MEMBERSHIP HY-VEE 2021 PFPC MEMBERSHIP	VORST, KEITH	AG EXPERIMENT STATION (AES)	FOOD SCIENCE & HUMAN NUTRITION-AES	023925-00001	Research	5/1/2021	4/30/2022	APR. 2021	
\$17,000	SYNGENTA CROP PROTECTION INC	FIELD TRIAL EVALUATION OF SYNGENTA PRODUCTS	ROBERTSON, ALISON E	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	PLANT PATHOLOGY-EXT	023976-00001	Research	5/1/2021	6/30/2022	APR. 2021	023976
\$17,000	BASF PLANT SCIENCE L P	FIELD TRIAL EVALUATION OF BASF PRODUCTS	ROBERTSON, ALISON E	VICE PRESIDENT FOR EXTENSION & OUTREACH	PLANT PATHOLOGY-EXT	023989-00001	Research	5/1/2021	6/30/2022	APR. 2021	

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				(EXT)							
\$16,775	FHI 360	EDUCATIONAL TECHNOLOGY SUMMER 2021 MOOC	HEGELHEIMER, VOLKER H	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	ENGLISH-LAS	024009-00001	Instruction	4/26/2021	9/13/2021	APR. 2021	024009
\$16,464	SYNGENTA CROP PROTECTION LLC	FIELD TRIAL- SCREENING SOYBEAN LINES FOR RESISTANCE TO SDS	MUELLER, DAREN SHANE	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	PLANT PATHOLOGY- EXT	023972-00001	Research	4/1/2021	12/1/2021	APR. 2021	
\$15,000	HONEYWELL FEDERAL MANUFACTURING & TECHNOLOGIES LLC	TI-5553 TEM STUDY	COLLINS, PETER CHANCELLOR	COLLEGE OF ENGINEERING (ENGR)	MATERIALS SCIENCE & ENGINEERING- ENGR	023877-00001	Research	3/19/2021	8/31/2021	APR. 2021	023877
\$13,865	UNIVERSITY OF MISSOURI COLUMBIA	COMPARISON OF NON-CHEMICAL CONTROL METHODS AS PART OF AN INTEGRATED WEED MANAGEMENT STRATEGY IN SOYBEAN	JHA, PRASHANT	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	023891-00001	Research	10/1/2020	9/30/2021	APR. 2021	023891
\$13,820	MICHIGAN STATE UNIVERSITY	IPM4BEES MIDWEST WORKING GROUP	CASS, RANDALL PAUL	AG EXPERIMENT STATION (AES)	ENTOMOLOGY-AES	020391-00001	Public Service	3/1/2019	2/28/2022	APR. 2021	4104111
\$13,000	PRATT & WHITNEY - A DIVISION OF UNITED TECHNOLOGIES CORPORATION	ISU TASK 84	ZHANG, ZHAN	COLLEGE OF ENGINEERING (ENGR)	CENTER FOR NONDESTRUCTIVE EVALUATION-ENGR	023962-00001	Research	1/1/2021	4/30/2021	APR. 2021	023962
\$13,000	FMC CORPORATION	FIELD TRIAL EVALUATION OF FMC	ROBERTSON, ALISON E	VICE PRESIDENT	PLANT PATHOLOGY- EXT	023970-00001	Research	5/1/2021	6/30/2022	APR. 2021	

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		PRODUCTS		FOR EXTENSION & OUTREACH (EXT)							
\$13,000	BASF CORPORATION	FIELD TRIAL - BASF TURFGRASS FUNGICIDE FIELD TRIAL ASSESSMENTS 2020	THOMS, ADAM WILLIAM	AG EXPERIMENT STATION (AES)	HORTICULTURE-AES	023985-00001	Research	9/1/2020	12/31/2020	APR. 2021	
\$12,265	NSF-NATIONAL SCIENCE FOUNDATION	THE ROLES OF EXAPTIVE AND ADAPTIVE CO-OPTION IN EYE EVOLUTION	SERB, JEANNE M	AG EXPERIMENT STATION (AES)	ECOLOGY, EVOLUTION & ORGANISMAL BIOLOGY-AES	019068-00001	Research	7/1/2018	6/30/2022	APR. 2021	4204139
\$10,868	FINE AMERICAS INC	FIELD TRIAL - QUANTIFYING THE EFFECT OF MULTIPLIE PROHEXADIONE-CALCIUM SPRAYS OR COMBINATION SPRENCH AND SPRAY TREATMENTS ON GROWTH CONTROL OF BASIL, PEPPER, AND TOMATO SEEDLINGS	CURREY, CHRISTOPHER JON	AG EXPERIMENT STATION (AES)	HORTICULTURE-AES	024000-00001	Research	5/1/2021	4/30/2022	APR. 2021	
\$10,500	ALBAUGH LLC	FIELD TRIAL EVALUATION OF ALBAUGH PRODUCTS	ROBERTSON, ALISON E	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	PLANT PATHOLOGY-EXT	023987-00001	Research	5/1/2021	6/30/2022	APR. 2021	
\$10,000	EASTERN IOWA COMMUNITY COLLEGE DISTRICT	SPECIAL PROJECT - DEVELOPING VIRTUAL CONTENT FOR STEM CAREER AND TECHNICAL EDUCATION	HYDE, CORI JANE	COLLEGE OF HUMAN SCIENCES (HS)	SCHOOL OF EDUCATION-HS	023955-00001	Research	4/1/2021	7/31/2021	APR. 2021	023955

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\$10,000	UNIVERSITY OF FLORIDA	TRANSLATING A DISCOVERY INTO IMPROVING FOOD SAFETY: A NOVEL POULTRY SALMONELLA VACCINE AND DIAGNOSTIC METHODOLOGY TO CONTROL FOODBORNE SALMONELLOSIS	GOMES, CARMEN LUIZA	COLLEGE OF ENGINEERING (ENGR)	VIRTUAL REALITY APPLICATIONS CENTER-ENGR	023983-00001	Research	1/1/2021	12/31/2022	APR. 2021	023983
\$9,450	BLACK HAWK COUNTY CONSERVATION BOARD	2020-2021 LOCAL SUPPORT FOR IOWA AMERICORPS ENVIRONMENTAL EDUCATION PROGRAM	GOOD, TILAINÉ BELL	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION TO YOUTH & 4H-EXT	023866-00001	Public Service	9/1/2020	8/31/2021	APR. 2021	023866
\$9,426	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	APR. 2021	
\$8,625	MONSANTO COMPANY	FIELD TRIAL - SERVICE ORDER NUMBER 79	JHA, PRASHANT	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	023966-00001	Research	4/15/2021	10/31/2022	APR. 2021	
\$8,120	BIOCONSORTIA INC	FIELD TRIAL - EVALUATE PRODUCTS FOR CORN DISEASES	MUELLER, DAREN SHANE	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	PLANT PATHOLOGY-EXT	023988-00001	Research	1/1/2021	12/31/2021	APR. 2021	
\$8,050	MONSANTO COMPANY	FIELD TRIAL - SERVICE ORDER NUMBER 80	JHA, PRASHANT	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	023965-00001	Research	4/15/2021	10/31/2022	APR. 2021	

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\$7,800	HEADS UP PLANT PROTECTANTS INC	FIELD TRIAL	ROBERTSON, ALISON E	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	PLANT PATHOLOGY-EXT	023909-00001	Research	4/1/2020	3/31/2021	APR. 2021	
\$7,245	MONSANTO COMPANY	FIELD TRIAL- SERVICE ORDER NUMBER 83	JHA, PRASHANT	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	023975-00001	Research	4/15/2021	12/31/2021	APR. 2021	
\$7,000	ROSEN'S INC	FIELD TRIAL	NAVI, SHRISHAIL SHARANAPP	AG EXPERIMENT STATION (AES)	PLANT PATHOLOGY-AES	023906-00001	Research	5/1/2021	12/31/2021	APR. 2021	
\$7,000	LAND O'LAKES INC	FIELD TRIAL EVALUATION OF LAND O'LAKES PRODUCTS	ROBERTSON, ALISON E	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	PLANT PATHOLOGY-EXT	023998-00001	Research	5/1/2021	6/30/2022	APR. 2021	
\$6,325	MONSANTO COMPANY	FIELD TRIAL - SERVICE ORDER NUMBER 81	JHA, PRASHANT	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	023967-00001	Research	4/1/2021	12/31/2021	APR. 2021	
\$6,210	MONSANTO COMPANY	FIELD TRIAL- SERVICE ORDER NUMBER 82	JHA, PRASHANT	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	023974-00001	Research	4/15/2021	12/31/2021	APR. 2021	
\$6,200	BASF CORPORATION	FIELD TRIAL- BEAN LEAF BEETLE SEED TREATMENT EVALUATION	HODGSON, ERIN WHITNEE	AG EXPERIMENT STATION (AES)	ENTOMOLOGY-AES	023991-00001	Research	4/1/2021	1/31/2022	APR. 2021	023991
\$5,600	CORTEVA	FIELD TRIAL	JHA, PRASHANT	AG EXPERIMENT STATION (AES)	AGRONOMY-AES	023945-00001	Research	4/30/2021	8/10/2021	APR. 2021	023945

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\$5,000	UNIVERSITY OF SOUTHERN QUEENSLAND	EVALUATION OF LOW INFLATION TIRE TECHNOLOGIES FROM COTTON HARVESTER ON SOIL STRESS DISTRIBUTION AND SOIL COMPACTION	TEKESTE, MEHARI	COLLEGE OF ENGINEERING (ENGR)	AGRICULTURAL & BIOSYSTEMS ENGINEERING-ENGR	023959-00001	Research	9/15/2020	10/31/2021	APR. 2021	023959
\$4,981	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	APR. 2021	
\$4,900	SPRAYTEC FERTILIZERS LLC	FIELD TRIAL	NAVI, SHRISHAIL SHARANAPP	AG EXPERIMENT STATION (AES)	PLANT PATHOLOGY-AES	023907-00001	Research	5/1/2021	12/31/2021	APR. 2021	
\$4,900	SPRAYTEC FERTILIZERS LLC	FIELD TRIAL EVALUATION OF SPRAYTEC PRODUCTS	ROBERTSON, ALISON E	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	PLANT PATHOLOGY-EXT	023969-00001	Research	5/1/2021	6/30/2022	APR. 2021	
\$4,000	ALBAUGH LLC	FIELD TRIALS	NAVI, SHRISHAIL SHARANAPP	AG EXPERIMENT STATION (AES)	PLANT PATHOLOGY-AES	023908-00001	Research	5/1/2021	12/31/2021	APR. 2021	
\$3,926	PIONEER HI-BRED INTERNATIONAL INC	RESEARCH CONSULTING SERVICES WITH PIONEER HI-BRED INTERNATIONAL, INC	NETTLETON, DANIEL S	COLLEGE OF LIBERAL ARTS & SCIENCES (LAS)	STATISTICS-LAS	023378-00001	Research	1/1/2021	12/31/2021	APR. 2021	023378
\$2,796	CALIFORNIA STATE UNIVERSITY FRESNO	EVALUATION OF BROILER HEALTH UTILIZING A LITTER AMENDMENT ON MULTI-FLOCK LITTER	KOLTES, DAWN ANNETTE	AG EXPERIMENT STATION (AES)	ANIMAL SCIENCE-AES	023957-00001	Research	11/1/2020	6/30/2021	APR. 2021	023957
\$2,500	CURRENT LIGHTING	CMI AFFILIATE PROGRAM	LOGRASSO, THOMAS	AMES LABORATORY	AMES LABORATORY DOE-VPR	023927-00001	Research	3/19/2021	6/30/2022	APR. 2021	

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	SOLUTIONS LLC	MEMBERSHIP	ANTHONY	(AMES LAB)							
\$2,499	IOWA DEPARTMENT OF NATURAL RESOURCES	PROFILES IN THE WONDER OF IOWA'S WETLANDS	JANKE, ADAM K	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	NATURAL RESOURCE ECOLOGY & MGMT-EXT	023980-00001	Public Service	4/15/2021	4/15/2022	APR. 2021	023980
\$1,950	NAHANT MARSH EDUCATION CENTER	2020-2021 LOCAL SUPPORT FOR IOWA AMERICORPS ENVIRONMENTAL EDUCATION PROGRAM	GOOD, TILAINÉ BELL	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION TO YOUTH & 4H-EXT	023736-00001	Public Service	9/1/2020	8/31/2021	APR. 2021	023736
\$1,650	UNITED ACTION FOR YOUTH	2020-2021 LOCAL SUPPORT FOR IOWA AMERICORPS 4-H OUTREACH PROGRAMS	GOOD, TILAINÉ BELL	VICE PRESIDENT FOR EXTENSION & OUTREACH (EXT)	EXTENSION TO YOUTH & 4H-EXT	023745-00001	Public Service	9/1/2020	8/31/2021	APR. 2021	023745
\$1,375	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT (PRES)	PRESIDENT-PRES	022733-00001	Research	6/1/2020	5/31/2021	APR. 2021	
\$1,328	NORTH DAKOTA STATE UNIVERSITY	CHEMICAL RECYCLING OF PET-PEN POLYMERS-NEXT GENERATION BOTTLES AND PACKAGING MATERIALS	KRAUS, GEORGE A	COLLEGE OF ENGINEERING (ENGR)	ENGINEERING RESEARCH INSTITUTE-ENGR	021952-00001	Research	1/1/2020	4/30/2021	APR. 2021	021952
\$1,000	CRAWFORD 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	023933-00001	Public Service	4/15/2021	5/31/2021	APR. 2021	023933
\$500	HARRISON	COVID-19 RESPONSE	BRIMEYER,	VICE	EXTENSION	023932-00001	Public	4/15/2021	5/31/2021	APR.	023932

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	COUNTY AGRICULTURAL EXTENSION DISTRICT	AND RECOVERY MARKETING CAMPAIGN FOR THE STATE OF IOWA	JILL	PRESIDENT FOR EXTENSION & OUTREACH (EXT)	ORGANIZATIONAL ADVANCEMENT-EXT		Service			2021	
\$500	DAVIS 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	023935-00001	Public Service	4/15/2021	5/31/2021	APR. 2021	023935
\$500	BENTON 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	023936-00001	Public Service	4/15/2021	5/31/2021	APR. 2021	023936
\$500	HUMBOLDT 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	023941-00001	Public Service	4/15/2021	5/31/2021	APR. 2021	023941
\$500	WORTH 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	023943-00001	Public Service	4/15/2021	5/31/2021	APR. 2021	023943
\$500	SIL-CHLOR LLC	CMI AFFILIATE PROGRAM MEMBERSHIP	LOGRASSO, THOMAS ANTHONY	AMES LABORATORY (AMES LAB)	AMES LABORATORY DOE-VPR	023968-00001	Research	3/31/2021	6/30/2022	APR. 2021	
\$500	WASHINGTON STATE UNIVERSITY	CMI AFFILIATE PROGRAM MEMBERSHIP	LOGRASSO, THOMAS ANTHONY	AMES LABORATORY (AMES LAB)	AMES LABORATORY DOE-VPR	023973-00001	Research	1/1/2021	12/31/2021	APR. 2021	
\$300	3D HEALTH SOLUTIONS	NIAMRRE STARTUP INDUSTRY	PLUMMER, PAUL J	VICE PRESIDENT	NATL INST OF AMR RESEARCH &	023949-00001	Research	4/8/2021	6/30/2022	APR. 2021	

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		MEMBERSHIP		FOR RESEARCH (VPR)	EDUCATION-VPR						
\$250	AUDUBON 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	023934-00001	Public Service	4/15/2021	5/31/2021	APR. 2021	023934
\$250	HENRY 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	023939-00001	Public Service	4/15/2021	5/31/2021	APR. 2021	023939
\$250	DES MOINES 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	023940-00001	Public Service	4/15/2021	5/31/2021	APR. 2021	023940
\$250	EAST POTTAWATTAMIE 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	023942-00001	Public Service	4/15/2021	5/31/2021	APR. 2021	023942