

Calendar Year: 2020
Month: Mar

Award Count: 109
Award Total: \$31,068,945

Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
\$6,198,382	DOE-US DEPARTMENT OF ENERGY	AMES LAB	SCHWARTZ, ADAM	AMES LABORATORY	AMES LABORATORY	004881-00001	Research	1/1/1981	12/31/2021	MAR. 2020	4012501
\$3,939,218	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	021056-00001	Institutional Support	6/1/2019	5/31/2020	MAR. 2020	
\$2,853,287	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	021053-00001	Operations & Maintenance	6/1/2019	5/31/2020	MAR. 2020	
\$1,285,662	IOWA DEPARTMENT OF NATURAL RESOURCES	IOWA'S MULTIPLE SPECIES INVENTORY AND MONITORING (MSIM) PROGRAM	DINSMORE, STEPHEN J	AG EXPERIMENT STATION	NATURAL RESOURCE ECOLOGY & MGMT	022131-00001	Research	2/1/2020	1/15/2023	MAR. 2020	022131
\$1,021,486	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	021052-00001	Scholarships & Fellowships	6/1/2019	5/31/2020	MAR. 2020	
\$791,927	VARIOUS ISUF DONORS-INDUSTRY/CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	021061-00001	Institutional Support	6/1/2019	5/31/2020	MAR. 2020	
\$746,064	VARIOUS ISUF DONORS-INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	021054-00001	Academic Support	6/1/2019	5/31/2020	MAR. 2020	
\$734,591	DOD-DEFENSE THREAT REDUCTION AGENCY (DTRA)	NANOMEDICINE COUNTERMEASURES TO OVERCOME ANTIMICROBIAL RESISTANCE	BELLAIRE, BRYAN HOWARD	VP FOR RESEARCH	NANOVACCINE INSTITUTE	020044-00001	Research	12/14/2018	12/13/2020	MAR. 2020	4211704
\$700,542	NIH-NATIONAL INSTITUTES OF HEALTH	DEVELOPMENT OF TOOLS FOR SITE-DIRECTED ANALYSIS OF GENE FUNCTION	MCGRAIL, MAURA	AG EXPERIMENT STATION	GENETICS DEVELOPMENT & CELL BIOLOGY	022165-00001	Research	3/15/2020	3/14/2021	MAR. 2020	022165

Calendar Year: 2020
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\$599,998	NSF-NATIONAL SCIENCE FOUNDATION	ELEMENTS: AGRICULTURAL CYBER-INFRASTRUCTURE SUPPORT FOR FIELD AND GRID MODELING, AND RUNTIME DECISION-MAKING	KUMAR, RATNESH	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	022145-00001	Research	5/15/2020	4/30/2023	MAR. 2020	022145
\$501,761	DOD-DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA)	RAPID EVOLUTION OF INFLUENZA A VIRUSES IN SWINE RESULTS IN ZOO NOTIC VIRUSES WITH HUMAN PANDEMIC POTENTIAL	GAUGER, PHILLIP C	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	022092-00001	Research	3/6/2020	3/5/2021	MAR. 2020	022092
\$500,000	PORTLAND CEMENT ASSOCIATION	MANAGEMENT OF THE NATIONAL CONCRETE PAVEMENT TECHNOLOGY CENTER	TAYLOR, PETER C	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	021973-00001	Institutional Support	1/1/2020	12/31/2020	MAR. 2020	021973
\$500,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	AN INTERDISCIPLINARY INTEGRATED APPROACH TO ADDRESS FOOD SYSTEMS SUCCESS AND BARRIERS WITHIN FOOD SCIENCE, NUTRITION AND HEALTH	COLEMAN, SHANNON MONIQUE	COLLEGE OF HUMAN SCIENCES	FOOD SCIENCE & HUMAN NUTRITION	022152-00001	Instruction	4/1/2020	3/31/2025	MAR. 2020	022152
\$484,398	NSF-NATIONAL SCIENCE FOUNDATION	REU SITE: IOWA STATE UNIVERSITY MATHEMATICS REU	LIDICKY, BERNARD	COLLEGE OF LIBERAL ARTS & SCIENCES	MATHEMATICS	022081-00001	Research	10/1/2020	9/30/2025	MAR. 2020	022081
\$480,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	FARM AND RANCH WELLNESS: THE NEXT STEPS	BROWN, DAVID N	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN SCIENCES EXTENSION AND OUTREACH	021546-00001	Public Service	9/1/2019	8/31/2020	MAR. 2020	021546
\$450,000	USDA-NATIONAL INSTITUTE OF	ROLES OF AUXIN PATHWAYS DRIVING	KELLEY, DIOR ROSE	AG EXPERIMENT	GENETICS DEVELOPMENT &	022149-00001	Research	6/1/2020	5/31/2023	MAR. 2020	022149

Calendar Year: 2020
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	FOOD & AGRICULTURE (NIFA)	MAIZE ROOT GROWTH		STATION	CELL BIOLOGY						
\$438,392	DOD-ARMY MEDICAL RESEARCH ACQUISITION ACTIVITY (USAMRAA)	MULTIPLEXED IMMUNOMARKER SCREENING TO ENABLE PATIENT-TAILORED IMMUNOTHERAPIES	BARDHAN, RIZIA	VP FOR RESEARCH	NANOVACCINE INSTITUTE	022080-00001	Research	3/1/2020	8/31/2022	MAR. 2020	022080
\$406,966	NIH-NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS & STROKE (NINDS)	FYN MEDIATED NEUROINFLAMMATORY SIGNALING IN EPILEPTOGENESIS AND EPILEPSY	THIPPESWAMY, THIMMASETTAP	VP FOR RESEARCH	ICAN (IA CTR FOR ADV NEUROTOX)	022158-00001	Research	4/1/2020	9/30/2021	MAR. 2020	022158
\$395,481	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	021062-00001	Scholarships & Fellowships	6/1/2019	5/31/2020	MAR. 2020	
\$382,500	NIH-NATIONAL INSTITUTE OF ALLERGY & INFECTIOUS DISEASES (NIAID)	PHARMACOLOGICAL DIVERSITY OF NACHRS IN CLADE III NEMATODES: BRUGIA MALAYI	MARTIN, RICHARD J	VP FOR RESEARCH	ICAN (IA CTR FOR ADV NEUROTOX)	017516-00001	Research	5/1/2017	4/30/2021	MAR. 2020	4301736
\$375,000	PURINA ANIMAL NUTRITION LLC	MICROBIAL ENDOCRINOLOGY DISCOVERY PLATFORM FOR THE NEXT GENERATION OF ANIMAL FEEDS	LYTE, MARK	COLLEGE OF VETERINARY MEDICINE	VETERINARY MICROBIOLOGY & PREV MEDICINE	022072-00001	Research	3/1/2020	2/28/2022	MAR. 2020	022072
\$374,268	NIH-NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS & STROKE (NINDS)	NEUROINFLAMMATION AND MICROGLIAL KV1.3 IN PARKINSON'S DISEASE	KANTHASAMY, ANUMANTHA G	VP FOR RESEARCH	ICAN (IA CTR FOR ADV NEUROTOX)	017675-00001	Research	8/1/2017	4/30/2021	MAR. 2020	4301738
\$372,072	DOT-FEDERAL HIGHWAY ADMINISTRATION	DEVELOPING GUIDANCE DOCUMENTS AND	SMADI, OMAR G	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	022106-00001	Research	3/2/2020	11/30/2023	MAR. 2020	022106

Calendar Year: 2020
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	(FHWA)	TRAINING WORKSHOPS TO SUPPORT ENHANCEMENT OF THE STATE DOTS TRANSPORTATION ASSET MANAGEMENT PLANS									
\$334,688	NIH-NATIONAL INSTITUTE OF NEUROLOGICAL DISORDERS & STROKE (NINDS)	SPLICING REGULATION OF SPINAL MUSCULAR ATROPHY GENES	SINGH, RAVINDRA NARAYAN	VP FOR RESEARCH	ICAN (IA CTR FOR ADV NEUROTOX)	020692-00001	Research	5/1/2019	3/31/2021	MAR. 2020	4301741
\$325,000	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	IDENTIFYING SOYBEAN FIELDS AT HIGH RISK FOR SUDDEN DEATH SYNDROME THROUGH AERIAL PHOTOGRAPHY AND DNA-BASED TOOLS	MUELLER, DAREN SHANE	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	021835-00001	Research	9/1/2019	8/31/2022	MAR. 2020	021835
\$308,000	IOWA DEPARTMENT OF TRANSPORTATION	TECHNOLOGY TRANSFER CONCRETE CONSORTIUM	TRITSCH, STEVEN LEE	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	021974-00001	Research	1/1/2020	2/5/2021	MAR. 2020	021974
\$307,491	NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	PROTEIN SEQUENCE MATCHING	JERNIGAN, ROBERT L	AG EXPERIMENT STATION	BIOCHEMISTRY & BIOPHYSICS	018557-00001	Research	2/1/2018	1/31/2021	MAR. 2020	4304018
\$305,197	VARIOUS ISUF DONORS-INDUSTRY/ CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	021058-00001	Operations & Maintenance	6/1/2019	5/31/2020	MAR. 2020	
\$269,800	NORTH CAROLINA STATE UNIVERSITY	ENHANCING THE SUSTAINABILITY OF UNITED STATES CROPPING SYSTEMS	ROBERTSON, ALISON E	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	022115-00001	Research	9/1/2020	8/31/2023	MAR. 2020	022115

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Month: Mar

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		THROUGH COVER CROPS AND AN INNOVATIVE INFORMATION AND TECHNOLOGY NETWORK									
\$225,000	DOD-OFFICE OF NAVAL RESEARCH (ONR)	PHASE TRANSITION IN 2D METAL CARBIDES	WU, YUE	COLLEGE OF ENGINEERING	CHEMICAL & BIOLOGICAL ENGR	020803-00001	Research	7/1/2019	6/30/2022	MAR. 2020	4212076
\$191,250	NIH-NATIONAL INSTITUTE OF ALLERGY & INFECTIOUS DISEASES (NIAID)	EXPLORING REGULATION OF GENE EXPRESSION IN MALARIA PARASITES	MAIR, GUNNAR R	COLLEGE OF VETERINARY MEDICINE	BIOMEDICAL SCIENCES	020793-00001	Research	5/22/2019	4/30/2021	MAR. 2020	4302368
\$185,000	IOWA DEPARTMENT OF TRANSPORTATION	EVALUATION OF IOWA TRUCK PARKING INFORMATION AND MANAGEMENT SYSTEM	DONG, JING	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	018916-00001	Research	2/1/2018	11/30/2022	MAR. 2020	4748068
\$176,012	ED-US DEPARTMENT OF EDUCATION	PELL GRANT, FY20	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT AFFAIRS	STUDENT FINANCIAL AID	021580-00001	Student Financial Aid	7/1/2019	6/30/2020	MAR. 2020	
\$160,000	DEERE & COMPANY	TECHNICAL EVALUATION: IN FURROW FERTILIZER DELIVERY AND FURROW QUALITY EVALUATION	DARR, MATTHEW JOHN	AG EXPERIMENT STATION	BIOCENTURY RESEARCH FARM	022154-00001	Research	1/1/2020	10/31/2020	MAR. 2020	022154
\$159,019	IOWA DEPARTMENT OF TRANSPORTATION	AURORA PROGRAM MANAGEMENT 2020	HANS, ZACHARY N	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	021975-00001	Research	1/1/2020	12/31/2020	MAR. 2020	021975
\$151,918	NSF-NATIONAL SCIENCE FOUNDATION	BTT EAGER: IMPROVING CROP YIELD PREDICTION BY INTEGRATING MACHINE LEARNING WITH PROCESS-BASED	WANG, LIZHI	COLLEGE OF ENGINEERING	INDUSTRIAL & MANUFACTURING SYSTEMS ENGR	020247-00001	Research	3/1/2019	2/28/2021	MAR. 2020	4207038

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		CROP MODELS									
\$149,999	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	IMPLEMENTATION OF FOOD SAFETY AND QUALITY PRINCIPLES TO ADDRESS CRITICAL ISSUES IN THE DEVELOPMENT OF A FOOD SAFETY PLAN	COLEMAN, SHANNON MONIQUE	UNIVERSITY & COOPERATIVE EXTENSION	FOOD SCIENCE & HUMAN NUTRITION	022159-00001	Public Service	9/1/2019	8/31/2021	MAR. 2020	022159
\$128,337	DOD-DEFENSE ADVANCED RESEARCH PROJECTS AGENCY (DARPA)	PALM: A PHYSICS AWARE LEARNING FRAMEWORK FOR MICROSTRUCTURE DESIGN	SARKAR, SOUMIK	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	020060-00001	Research	12/21/2018	6/20/2020	MAR. 2020	4212072
\$126,654	FHI 360	DELIVERY OF 19 SECTIONS OF GLOBAL ONLINE COURSE USING EDUCATIONAL TECHNOLOGY IN THE ENGLISH LANGUAGE CLASSROOM	HEGELHEIMER, VOLKER H	COLLEGE OF LIBERAL ARTS & SCIENCES	ENGLISH	022139-00001	Instruction	3/9/2020	10/31/2020	MAR. 2020	022139
\$120,000	DOD-AIR FORCE RESEARCH LABORATORY (AFRL)	A NEURAL-SYMBOLIC APPROACH TO REAL-TIME DECISION-MAKING IN COMPLEX AEROSPACE SYSTEMS	SARKAR, SOUMIK	COLLEGE OF ENGINEERING	MECHANICAL ENGINEERING	017192-00001	Research	4/28/2017	4/27/2020	MAR. 2020	4212063
\$115,499	DOD-AIR FORCE RESEARCH LABORATORY (AFRL)	TAMING DELAY AND CONVERGENCE SPEED IN TACTICAL AUTONOMOUS SWARMS NETWORK OPTIMIZATION	LIU, JIA	COLLEGE OF LIBERAL ARTS & SCIENCES	COMPUTER SCIENCE	019223-00001	Research	7/10/2018	1/9/2021	MAR. 2020	4212125
\$112,886	OHIO STATE UNIVERSITY	INCREASING SOYBEAN GENETIC GAIN FOR YIELD BY DEVELOPING TOOLS, KNOW-HOW AND COMMUNITY AMONG PUBLIC BREEDERS IN THE	SINGH, ASHEESH KUMAR	AG EXPERIMENT STATION	AGRONOMY	022169-00001	Research	10/1/2019	9/30/2020	MAR. 2020	022169

Calendar Year: 2020
Month: Mar

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		NORTH CENTRAL US									
\$110,000	UNIVERSITY OF CALIFORNIA-LAWRENCE BERKELEY NATIONAL LABORATORY	THE JOINT BIOENERGY INSTITUTE	SHANKS, BRENT H	COLLEGE OF ENGINEERING	CTR FOR BIORENEWABLE CHEMICALS	018654-00001	Research	3/9/2018	9/30/2022	MAR. 2020	4046204
\$109,970	USDA-NATIONAL INSTITUTE OF FOOD & AGRICULTURE (NIFA)	CHICKEN INNATE GENE EXPRESSION RESPONSES TO AVIAN INFLUENZA INFECTION: RESEARCH AND INVESTIGATOR DEVELOPMENT	LAMONT, SUSAN J	AG EXPERIMENT STATION	ANIMAL SCIENCE	020809-00001	Scholarships & Fellowships	6/1/2019	5/31/2021	MAR. 2020	4164222
\$109,918	NSF-NATIONAL SCIENCE FOUNDATION	CAREER: COMPUTING-AWARE NETWORK OPTIMIZATION FOR EFFICIENT DISTRIBUTED DATA ANALYTICS AT THE WIRELESS EDGE	LIU, JIA	COLLEGE OF LIBERAL ARTS & SCIENCES	COMPUTER SCIENCE	022122-00001	Research	10/1/2020	9/30/2025	MAR. 2020	022122
\$100,000	BOEING COMPANY	DIVERSITY AND INTEGRITY FOR CYBER RESILIENCE OF LEGACY INDUSTRIAL CONTROL AND COMBAT SYSTEMS	TYAGI, AKHILESH	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	017760-00001	Research	8/21/2017	5/31/2020	MAR. 2020	4046092
\$100,000	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES FOR NEXT-GENERATION SEQUENCING	SERB, JEANNE M	VP FOR RESEARCH	BIOTECHNOLOGY	022116-00001	Public Service	10/1/2019	9/30/2020	MAR. 2020	022116
\$100,000	IOWA DEPARTMENT OF TRANSPORTATION	ADMINISTRATION OF THE POOLED FUND TITLED: TECHNOLOGY EXCHANGE ON MANAGING	SMADI, OMAR G	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	022168-00001	Research	1/6/2020	2/28/2021	MAR. 2020	022168

Calendar Year: 2020
Month: Mar

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		PAVEMENTS									
\$94,483	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	021066-00001	Institutional Support	6/1/2019	5/31/2020	MAR. 2020	
\$93,606	NATIONAL PORK BOARD	DETECTION OF AFRICAN SWINE FEVER VIRUS (ASFV) IN PORK MEAT PRODUCTS BY PCR ASSAY	YOON, KYOUNG-JIN	COLLEGE OF VETERINARY MEDICINE	VET DIAGNOSTIC & PRODUCTION ANIMAL MED	022088-00001	Research	3/15/2020	3/15/2021	MAR. 2020	022088
\$90,000	MIDWEST DAIRY ASSOCIATION	MIDWEST DAIRY FOODS RESEARCH CENTER 2020	CLARK, STEPHANIE	COLLEGE OF HUMAN SCIENCES	FOOD SCIENCE & HUMAN NUTRITION	022126-00001	Research	1/1/2020	12/31/2020	MAR. 2020	022126
\$84,148	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	DINSMORE, STEPHEN J	AG EXPERIMENT STATION	ENTOMOLOGY	021898-00001	Public Service	10/1/2019	9/30/2020	MAR. 2020	021898
\$84,025	USDA-AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES, AGREEMENT NUMBER 5850300009	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION	AGRONOMY	021609-00001	Public Service	10/1/2019	9/30/2020	MAR. 2020	021609
\$80,000	SAFI-TECH	MIXED MODE INTERCONNECT USING SUPERCOOLED LIQUID METAL SOLDER PARTICLES	THUO, MARTIN	COLLEGE OF ENGINEERING	MATERIALS SCIENCE & ENGINEERING	022141-00001	Research	2/1/2020	7/31/2021	MAR. 2020	022141
\$79,966	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	IMPROVING FOREIGN ANIMAL DISEASE READINESS IN IOWA THROUGH BIOSECURITY TRAIN THE TRAINER PROGRAMS FOR LARGE- AND SMALL-SCALE PRODUCTION	ROTH, JAMES ALLEN	COLLEGE OF VETERINARY MEDICINE	CTR FOR FOOD SECURITY & PUBLIC HEALTH	022074-00001	Public Service	3/1/2020	8/31/2021	MAR. 2020	022074

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Month: Mar

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		SITES									
\$79,095	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES, AGREEMENT NUMBER 5850300006	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION	AGRONOMY	021608-00001	Public Service	10/1/2019	9/30/2020	MAR. 2020	021608
\$75,341	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES 5850300005	DINSMORE, STEPHEN J	AG EXPERIMENT STATION	ENTOMOLOGY	021764-00001	Public Service	10/1/2019	9/30/2020	MAR. 2020	021764
\$73,785	USDA-ANIMAL & PLANT HEALTH INSPECTION SERVICE (APHIS)	DEVELOPING, TRAINING, AND EXERCISING A WORKABLE FOOT- AND-MOUTH DISEASE VACCINATION PLAN FOR IOWA LIVESTOCK STAKEHOLDERS	ROTH, JAMES ALLEN	COLLEGE OF VETERINARY MEDICINE	CTR FOR FOOD SECURITY & PUBLIC HEALTH	022075-00001	Public Service	3/2/2020	3/1/2021	MAR. 2020	022075
\$70,000	DOD-OFFICE OF NAVAL RESEARCH (ONR)	PREDICTIVE AND CAUSAL MODELING WITH CAUSAL GRAPHICAL MODELS	TIAN, JIN	COLLEGE OF LIBERAL ARTS & SCIENCES	COMPUTER SCIENCE	016700-00001	Research	1/1/2017	12/31/2020	MAR. 2020	4212113
\$60,689	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES, AGREEMENT NUMBER 5850300004	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION	AGRONOMY	021607-00001	Public Service	10/1/2019	9/30/2020	MAR. 2020	021607
\$60,000	PRATT & WHITNEY - A DIVISION OF UNITED TECHNOLOGIES CORPORATION	ISU TASK 77: ANTI- ICING DESIGN TEST	HU, HUI	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	022069-00001	Research	1/17/2020	12/31/2020	MAR. 2020	022069
\$53,570	VARIOUS ISUF DONORS- INDUSTRY/ CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	021057-00001	Scholarships & Fellowships	6/1/2019	5/31/2020	MAR. 2020	

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\$50,172	UNIVERSITY OF WISCONSIN MADISON	MOLECULAR MECHANISMS CONTROLLING SECRETION IN FILARIAL NEMATODE PARASITES	KIMBER, MICHAEL JOHN	COLLEGE OF VETERINARY MEDICINE	BIOMEDICAL SCIENCES	022162-00001	Research	2/3/2020	1/31/2021	MAR. 2020	022162
\$50,000	UNIVERSITY OF NEBRASKA LINCOLN	MANAGING RISK BY IMPROVING GOAL SETTING AND DECISION-MAKING WHILE INCREASING FARM MENTAL APTITUDE AND STRESS RESILIENCY	TRANEL, LARRY F	UNIVERSITY & COOPERATIVE EXTENSION	EXTENSION TO AG-EXTENSION	022065-00001	Public Service	3/1/2020	9/30/2021	MAR. 2020	022065
\$50,000	UNIVERSITY OF NEBRASKA LINCOLN	BUILDING MARKET RESILIENCY IN IOWA THROUGH ADVANCED GRAIN MARKETING WORKSHOPS FOR WOMEN	SCHULTZ, MADELINE MARGARE	UNIVERSITY & COOPERATIVE EXTENSION	ECONOMICS	022163-00001	Research	3/1/2020	9/30/2021	MAR. 2020	022163
\$49,223	UNIVERSITY OF NEBRASKA LINCOLN	DECISIONS IN IMPLEMENTING PRECISION DAIRY TECHNOLOGIES TO IMPROVE DAIRY FARM PROFITABILITY AND LABOR EFFICIENCY	BENTLEY, JENNIFER ANGELA	UNIVERSITY & COOPERATIVE EXTENSION	EXTENSION TO AG-EXTENSION	022133-00001	Public Service	3/1/2020	9/30/2021	MAR. 2020	022133
\$49,000	UNIVERSITY OF MINNESOTA TWIN CITIES	MANAGED AQUIFER RECHARGE: BANKING GROUNDWATER	GASSMAN, PHILIP W	AG EXPERIMENT STATION	CENTER FOR AG & RURAL DEVELOPMENT	022104-00001	Research	1/1/2020	12/30/2020	MAR. 2020	022104
\$45,748	IOWA DEPARTMENT OF AGRICULTURE & LAND STEWARDSHIP	DEVELOPING A COORDINATED EFFORT WITHIN IOWA TO IMPLEMENT AN INFRASTRUCTURE, EDUCATION, TECHNICAL ASSISTANCE, AND	SHAW, ANGELA MARIE	UNIVERSITY & COOPERATIVE EXTENSION	FOOD SCIENCE & HUMAN NUTRITION	021715-00001	Public Service	7/1/2019	6/30/2020	MAR. 2020	021715

Calendar Year: 2020
Month: Mar

Award Count: 109
Award Total: \$31,068,945

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		INVENTORY PROGRAM IN ALIGNMENT WITH THE FDA'S PRODUCE SAFETY RULE									
\$45,000	UCHICAGO ARGONNE LLC- ARGONNE NATIONAL LABORATORY	A DATA-DRIVEN MULTI-TIMESCALE PREDICTIVE, PROACTIVE, AND RECOVERY OPTIMIZATION FRAMEWORK FOR SOLAR ENERGY INTEGRATED RESILIENT DISTRIBUTION GRID	WANG, ZHAOYU	COLLEGE OF ENGINEERING	ELECTRIC POWER RESEARCH CTR	020096-00001	Research	11/19/2018	11/13/2020	MAR. 2020	4046228
\$45,000	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES, AGREEMENT NUMBER 5850300010	LAMKEY, KENDALL RAYE	AG EXPERIMENT STATION	AGRONOMY	021602-00001	Public Service	10/1/2019	9/30/2020	MAR. 2020	021602
\$43,273	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	AG & BIOSYSTEMS ENGINEERING	020492-00001	Research	2/15/2019	2/14/2021	MAR. 2020	4046235
\$42,190	UNITED HEALTHCARE SERVICES INC	POPULATION-BASED MANAGEMENT AND SEGMENTATION FOR OPTIMAL HEALTH CARE	MARTIN, PETER	COLLEGE OF HUMAN SCIENCES	HUMAN DEVELOPMENT & FAMILY STUDIES	015332-00001	Public Service	2/9/2016	12/24/2020	MAR. 2020	4002865
\$40,000	VARIOUS ISUF DONORS-	IOWA STATE UNIVERSITY	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	021060-00001	Research	6/1/2019	5/31/2020	MAR. 2020	

Calendar Year: 2020
Month: Mar

Award Count: 109
Award Total: \$31,068,945

Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
	INDUSTRY/ CORPORATE	FOUNDATION DONATIONS									
\$31,917	GOOGLE	ACHIEVING DATA FRESHNESS WITH SELFISH USERS IN LARGE-SCALE MOBILE CROWD-SOURCING	LIU, JIA	COLLEGE OF LIBERAL ARTS & SCIENCES	COMPUTER SCIENCE	022153-00001	Research	3/9/2020	3/8/2021	MAR. 2020	022153
\$31,000	DOD-ARMY RESEARCH LABORATORY (ARL)	PHASE TRANSFORMATION- RELATED PHENOMENA UNDER COMPRESSION AND SHEAR OF CERAMICS	LEVITAS, VALERY	COLLEGE OF ENGINEERING	AEROSPACE ENGINEERING	017163-00001	Research	5/1/2017	11/30/2020	MAR. 2020	4212042
\$30,462	NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	CROSSTALK BETWEEN BRASSINOSTEROID AND AUTOPHAGY PATHWAYS IN THE REGULATION OF PLANT GROWTH AND STRESS RESPONSES	YIN, YANHAI	COLLEGE OF LIBERAL ARTS & SCIENCES	GENETICS DEVELOPMENT & CELL BIOLOGY	016712-00001	Research	1/1/2017	12/31/2020	MAR. 2020	4302141
\$29,685	UNIVERSITY OF NEBRASKA MEDICAL CENTER	WHOLE-OF- COMMUNITY SYSTEMS INTERVENTION FOR YOUTH POPULATION PHYSICAL ACTIVITY	WELK, GREGORY	COLLEGE OF HUMAN SCIENCES	KINESIOLOGY	018948-00001	Research	1/4/2018	12/31/2020	MAR. 2020	4042883
\$26,844	AMERICAN HEART ASSOCIATION	THE ROLES OF TGF-B/ ACTIVIN AND MTORC2 SIGNALING IN CARDIAC AGING	BAI, HUA	COLLEGE OF LIBERAL ARTS & SCIENCES	GENETICS DEVELOPMENT & CELL BIOLOGY	019984-00001	Scholarships & Fellowships	1/1/2019	12/31/2020	MAR. 2020	4006160
\$25,000	EXTENSION FOUNDATION	NCRCRD OPIOID RESPONSE NETWORK - FELLOWSHIP	SPOTH, RICHARD LEE	COLLEGE OF HUMAN SCIENCES	HUMAN DEVELOPMENT & FAMILY STUDIES	022087-00001	Public Service	3/1/2020	12/31/2020	MAR. 2020	022087
\$24,977	UNIVERSITY OF KENTUCKY	COORDINATION EFFICIENCY, SAFETY, COST, AND SCHEDULE IMPACTS USING VARIOUS	STURGILL, ROY	VP FOR RESEARCH	INST FOR TRANSPORTATION (INTRANS)	022140-00001	Research	8/15/2019	6/30/2020	MAR. 2020	022140

Calendar Year: 2020
Month: Mar

Award Count: 109
Award Total: \$31,068,945

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		CONTRACTING METHODS									
\$24,948	IOWA DEPARTMENT OF NATURAL RESOURCES	MONTE CARLO SIMULATION OF WATER QUALITY DATA FROM 52 BASIN	CASTELLANO, MICHAEL	AG EXPERIMENT STATION	AGRONOMY	022094-00001	Research	3/15/2020	12/1/2020	MAR. 2020	022094
\$24,900	NIH-NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES (NIGMS)	A BACTERIAL EFFECTOR PROTEIN MODULATES HOST CELL-TO-CELL COMMUNICATION	AUNG, KYAW	COLLEGE OF LIBERAL ARTS & SCIENCES	GENETICS DEVELOPMENT & CELL BIOLOGY	020009-00001	Research	12/10/2018	11/30/2020	MAR. 2020	4302152
\$24,500	NSF-NATIONAL SCIENCE FOUNDATION	CONFERENCE ON ADVANCES IN GEOGRAPHIC INFORMATION SYSTEMS 2019: STUDENT ACTIVITIES AND U.S.-BASED STUDENTS SUPPORT	TRAJCEVSKI, GOCE	COLLEGE OF ENGINEERING	ELECTRICAL ENGINEERING & COMPUTER ENGR	022079-00001	Research	3/1/2020	2/28/2021	MAR. 2020	022079
\$24,473	UNIVERSITY OF NEBRASKA LINCOLN	RISK MANAGEMENT EDUCATION FOR FARMERS WITH ON-FARM VISITORS	HARTSOOK, CHRISTA LYNN	UNIVERSITY & COOPERATIVE EXTENSION	VALUE ADD AG-EXTENSION	022135-00001	Public Service	3/1/2020	9/30/2021	MAR. 2020	022135
\$20,000	KANSAS DEPARTMENT OF WILDLIFE PARKS AND TOURISM	MULTI-STATE ANALYSIS OF ENVIRONMENTAL BIAS IN ROADSIDE SURVEYS OF RING-NECKED PHEASANT AND NORTHERN BOBWHITE QUAIL	JANKE, ADAM K	UNIVERSITY & COOPERATIVE EXTENSION	NATURAL RESOURCE ECOLOGY & MGMT	022134-00001	Research	3/17/2020	10/1/2022	MAR. 2020	022134
\$19,150	VARIOUS ISUF DONORS-INDUSTRY/ CORPORATE	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	021059-00001	Academic Support	6/1/2019	5/31/2020	MAR. 2020	
\$17,500	AMETEK MOCON	POLYMER AND FOOD	VORST, KEITH	AG	FOOD SCIENCE &	022098-00001	Research	5/1/2020	4/30/2021	MAR.	022098

Calendar Year: 2020
Month: Mar

Award Count: 109
Award Total: \$31,068,945

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		PROTECTION CONSORTIUM 2020 MEMBERSHIP AMETEK MOCON 2020 PFPC MEMBERSHIP		EXPERIMENT STATION	HUMAN NUTRITION					2020	
\$12,085	AMERICAN KENNEL CLUB CANINE HEALTH FOUNDATION	EVALUATION OF SERUM ZONULIN AS A NON INVASIVE BIOMARKER AND THERAPEUTIC TARGET IN DOGS WITH CHRONIC CANINE ENTEROPATHY	KOPPER, JAMIE	COLLEGE OF VETERINARY MEDICINE	VET CLINICAL SCIENCES	022124-00001	Research	3/1/2020	2/28/2021	MAR. 2020	022124
\$10,000	UNIVERSITY OF CALIFORNIA DAVIS	NRSP-8 BIOCURATOR	REECY, JAMES M	AG EXPERIMENT STATION	ANIMAL SCIENCE	022155-00001	Research	3/19/2020	2/16/2021	MAR. 2020	022155
\$9,415	FINE AMERICAS INC	FIELD TRIAL QUANTIFYING THE EFFECTIVENESS OF CONFIGURE LINER DIPS ON ENHANCING BRANCHING DURING FINISHING	CURREY, CHRISTOPHER JON	AG EXPERIMENT STATION	HORTICULTURE	022164-00001	Research	4/1/2020	3/31/2021	MAR. 2020	022164
\$8,816	UNIVERSITY OF NEBRASKA LINCOLN	A BILINGUAL TRAINING AND EDUCATION PROGRAM TO IMPROVE PRACTICES THAT AFFECT MILK QUALITY	BENTLEY, JENNIFER ANGELA	UNIVERSITY & COOPERATIVE EXTENSION	EXTENSION TO AG-EXTENSION	022136-00001	Public Service	3/1/2020	9/30/2021	MAR. 2020	022136
\$8,399	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	WANNEMUEHLER, MICHAEL	COLLEGE OF VETERINARY MEDICINE	VETERINARY MICROBIOLOGY & PREV MEDICINE	021654-00001	Public Service	10/1/2019	9/30/2020	MAR. 2020	021654
\$7,776	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	BAUM, THOMAS J	AG EXPERIMENT STATION	PLANT PATHOLOGY	021765-00001	Public Service	10/1/2019	9/30/2020	MAR. 2020	021765

Calendar Year: 2020
Month: Mar

Award Count: 109
Award Total: \$31,068,945

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\$7,528	ED-US DEPARTMENT OF EDUCATION	TEACHER EDUCATION ASSISTANCE FOR COLLEGE AND HIGHER EDUCATION (TEACH) GRANT, FY20	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT AFFAIRS	STUDENT FINANCIAL AID	021579-00001	Scholarships & Fellowships	7/1/2019	6/30/2020	MAR. 2020	
\$6,500	USDA- AGRICULTURAL RESEARCH SERVICES (ARS)	ACQUISITION OF GOODS AND SERVICES	MCGILL, JODI LYNN	COLLEGE OF VETERINARY MEDICINE	VETERINARY MICROBIOLOGY & PREV MEDICINE	022085-00001	Public Service	7/1/2019	6/30/2020	MAR. 2020	022085
\$5,000	ASSOCIATION OF PUBLIC AND LAND-GRANT UNIVERSITIES	2019 NATIONAL EXTENSION DIVERSITY AWARD	GREDER, KIMBERLY ANN	UNIVERSITY & COOPERATIVE EXTENSION	HUMAN DEVELOPMENT & FAMILY STUDIES	021538-00001	Public Service	10/1/2019	9/30/2022	MAR. 2020	021538
\$5,000	UTAH STATE UNIVERSITY	NRSP-8 BIOCURATOR	REECY, JAMES M	AG EXPERIMENT STATION	ANIMAL SCIENCE	022156-00001	Research	3/18/2020	2/16/2021	MAR. 2020	022156
\$5,000	NORTH CAROLINA STATE UNIVERSITY	NRSP-8 BIOCURATOR	REECY, JAMES M	AG EXPERIMENT STATION	ANIMAL SCIENCE	022157-00001	Research	3/18/2020	2/16/2021	MAR. 2020	022157
\$4,100	VARIOUS ISUF DONORS- INDIVIDUAL	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	021055-00001	Research	6/1/2019	5/31/2020	MAR. 2020	
\$4,000	WOODBURY COUNTY AGRICULTURAL EXTENSION DISTRICT	RISING STAR INTERNSHIP PROGRAM	HEWITT, MOLLY	UNIVERSITY & COOPERATIVE EXTENSION	COOPERATIVE EXTENSION FIELD PROGRAM	017245-00001	Public Service	5/1/2015	12/31/2020	MAR. 2020	
\$3,900	SPRAYTEC FERTILIZERS LLC	FIELD TRIAL	ROBERTSON, ALISON E	UNIVERSITY & COOPERATIVE EXTENSION	PLANT PATHOLOGY	022100-00001	Research	4/1/2019	3/31/2020	MAR. 2020	022100
\$3,000	MONONA COUNTY AGRICULTURAL EXTENSION DISTRICT	RISING STAR INTERNSHIP PROGRAM	HEWITT, MOLLY	UNIVERSITY & COOPERATIVE EXTENSION	COOPERATIVE EXTENSION FIELD PROGRAM	017243-00001	Public Service	5/1/2015	12/31/2020	MAR. 2020	

Calendar Year: 2020
Month: Mar

Award Count: 109
Award Total: \$31,068,945

Award Amount	Sponsor	Award Title	PI	Lead Org Unit	Lead Org Dept	Award Number	Activity Type	Start Date	End Date	Award Register Date	Account
\$3,000	PLYMOUTH COUNTY AGRICULTURAL EXTENSION DISTRICT	RISING STAR INTERNSHIP PROGRAM	HEWITT, MOLLY	UNIVERSITY & COOPERATIVE EXTENSION	COOPERATIVE EXTENSION FIELD PROGRAM	017244-00001	Public Service	5/1/2015	12/31/2020	MAR. 2020	
\$3,000	HUMANITIES IOWA	A RISING VOICE: 100 YEARS OF IOWA WOMEN IN POLITICS	HIGGINS, CHADWICK CHARLES	UNIVERSITY & COOPERATIVE EXTENSION	VP EXTENSION & OUTREACH	022093-00001	Public Service	3/9/2020	1/11/2021	MAR. 2020	022093
\$2,000	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	021063-00001	Operations & Maintenance	6/1/2019	5/31/2020	MAR. 2020	
\$1,950	ACVO VISION FOR ANIMALS FOUNDATION	OCULAR DIAGNOSTICS, CONJUNCTIVAL MICROFLORA AND OPHTHALMIC FINDINGS IN THE CHILEAN FLAMINGO (PHOENICOPTERUS CHILENSIS)	ALLBAUGH, RACHEL A	COLLEGE OF VETERINARY MEDICINE	VET CLINICAL SCIENCES	022076-00001	Research	3/1/2020	2/28/2021	MAR. 2020	022076
\$545	ED-US DEPARTMENT OF EDUCATION	PELL GRANT, FY19	JOHNSON, ROBERTA L	VICE PRESIDENT FOR STUDENT AFFAIRS	STUDENT FINANCIAL AID	019421-00001	Student Financial Aid	7/1/2018	6/30/2019	MAR. 2020	4325793
\$500	CHC RARE EARTHS INC	CMI AFFILIATE PROGRAM MEMBERSHIP	LOGRASSO, THOMAS ANTHONY	AMES LABORATORY	AMES LABORATORY	022119-00001	Research	3/4/2020	6/30/2021	MAR. 2020	022119
\$128	VARIOUS ISUF DONORS-NONPROFIT	IOWA STATE UNIVERSITY FOUNDATION DONATIONS	WINTERSTEEN, WENDY	PRESIDENT	PRESIDENT	021064-00001	Academic Support	6/1/2019	5/31/2020	MAR. 2020	