

MICHIGAN STATE
UNIVERSITY

APPROVED
JUNE 18, 2021
BOARD OF TRUSTEES
MICHIGAN STATE UNIVERSITY

June 4, 2021

MEMORANDUM

TO: Members of the Board of Trustees
FROM: Douglas A. Gage, Interim *Douglas Gage* Vice President
SUBJECT: Gift, Grant, and Contract Report

RECOMMENDATION: That the Board of Trustees approve the attached Gift, Grant, and Contract Report for the period of March 20, 2021, through May 25, 2021. The report is a compilation of 480 Gifts, Grants and Contracts plus 35 Consignment/Non-Cash Gifts, with a total value of \$180,383,414.



Office of
**RESEARCH &
INNOVATION**

FY 2020-21 TOTALS:

- a) Gifts, Grants, and Contracts only: \$780,750,788
 - b) Gifts, Grants, and Contracts plus Consignments: \$784,261,917
- (Consignments are Non-Cash Gifts and Non-Cash Loans)

RESOLUTION:

BE IT RESOLVED that the Board of Trustees approve acceptance of gifts, grants, and contracts as listed in the attached report.

Douglas A. Gage, Ph.D.
Interim Vice President

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Current Period / Year to Date

Gift & Grant Awards

Meeting Date: 06/18/2021

Current Period: Mar 20, 2021 - May 25, 2021

AWARD TOTALS

Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government	\$50,119,477	\$375,831,173	87.1%
State of Michigan	\$1,267,500	\$8,351,578	1.9%
Other	\$3,919,082	\$18,669,211	4.3%
Industry/CO	\$1,056,960	\$8,977,218	2.1%
Foundation	\$1,111,493	\$16,129,506	3.7%
Association	\$792,806	\$3,687,995	0.9%
Research - Total	\$58,267,319	\$431,646,680	100%
Non-Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government	\$90,186,972	\$187,560,735	53.7%
State of Michigan	\$609,034	\$37,341,775	10.7%
Other	\$9,483,322	\$24,224,486	6.9%
Industry/CO	\$2,053,634	\$4,517,426	1.3%
Foundation	\$2,221,738	\$14,347,321	4.1%
Association	\$97,659	\$293,882	0.1%
Various Donors - Advancement	\$17,413,412	\$80,818,483	23.2%
Non-Research - Total	\$122,065,772	\$349,104,108	100%
Total			
Gift/Grant Source	Current Period	Year to Date	Amount % YTD
Federal Government	\$140,306,449	\$563,391,908	72.2%
State of Michigan	\$1,876,534	\$45,693,352	5.9%
Other	\$13,402,404	\$42,893,696	5.5%
Industry/CO	\$3,110,595	\$13,494,644	1.7%
Foundation	\$3,333,231	\$30,476,827	3.9%
Association	\$890,465	\$3,981,877	0.5%
Various Donors - Advancement	\$17,413,412	\$80,818,483	10.4%
TOTAL	\$180,333,090	\$780,750,788	100%

OF AWARDS

Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government	208	1,164	53.9%
State of Michigan	21	96	4.4%
Other	45	282	13.1%
Industry/CO	30	241	11.2%
Foundation	8	86	4.0%
Association	47	291	13.5%
Research - Total	359	2,160	100%
Non-Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government	43	261	39.4%
State of Michigan	8	46	6.9%
Other	20	114	17.2%
Industry/CO	29	116	17.5%
Foundation	16	103	15.5%
Association	4	19	2.9%
Various Donors - Advancement	1	4	0.6%
Non-Research - Total	121	663	100%
Total			
Gift/Grant Source	Current Period	Year to Date	Count % YTD
Federal Government	251	1,425	50.5%
State of Michigan	29	142	5.0%
Other	65	396	14.0%
Industry/CO	59	357	12.6%
Foundation	24	189	6.7%
Association	51	310	11.0%
Various Donors - Advancement	1	4	0.1%
TOTAL	480	2,823	100%

Current Year / Previous Year

Gift & Grant Awards

Meeting Date: 06/18/2021

Current Period: Mar 20, 2021 - May 25, 2021

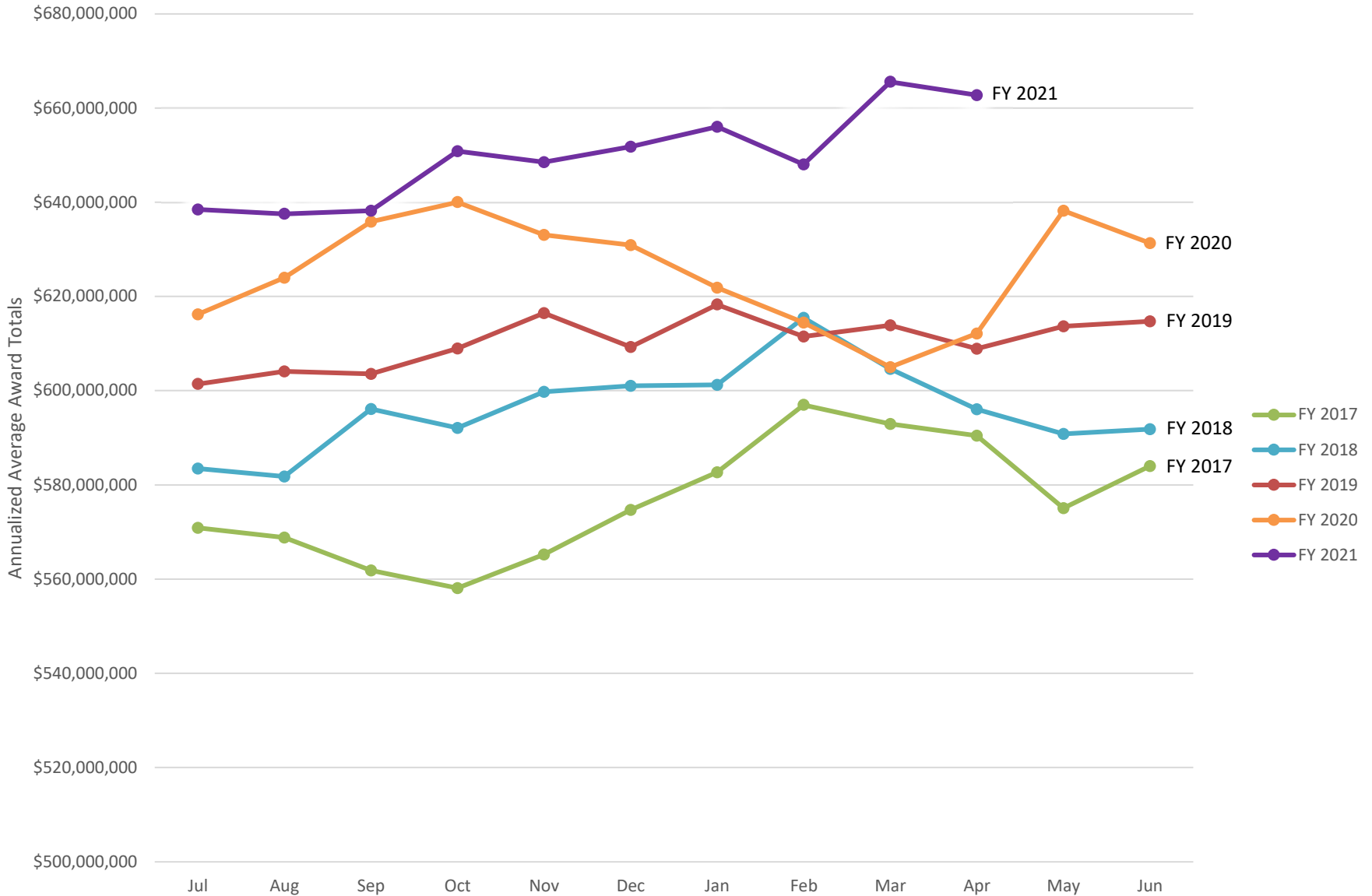
AWARD TOTALS

Research			
Gift/Grant Source	Previous YTD	Year to Date	% Change
Federal Government	\$351,657,767	\$375,831,173	6.9%
State of Michigan	\$11,040,879	\$8,351,578	-24.4%
Other	\$18,123,793	\$18,669,211	3.0%
Industry/CO	\$9,832,538	\$8,977,218	-8.7%
Foundation	\$26,348,138	\$16,129,506	-38.8%
Association	\$3,833,392	\$3,687,995	-3.8%
Research - Total	\$420,836,506	\$431,646,680	2.6%
Non-Research			
Gift/Grant Source	Previous YTD	Year to Date	% Change
Federal Government	\$77,081,668	\$187,560,735	143.3%
State of Michigan	\$8,068,534	\$37,341,775	362.8%
Other	\$29,336,966	\$24,224,486	-17.4%
Industry/CO	\$6,693,383	\$4,517,426	-32.5%
Foundation	\$7,906,801	\$14,347,321	81.5%
Association	\$473,398	\$293,882	-37.9%
Various Donors - Advancement	\$90,985,565	\$80,818,483	-11.2%
Non-Research - Total	\$220,546,315	\$349,104,108	58.3%
Total			
Gift/Grant Source	Previous YTD	Year to Date	Amount % Change
Federal Government	\$428,739,435	\$563,391,908	31.4%
State of Michigan	\$19,109,413	\$45,693,352	139.1%
Other	\$47,460,759	\$42,893,696	-9.6%
Industry/CO	\$16,525,921	\$13,494,644	-18.3%
Foundation	\$34,254,939	\$30,476,827	-11.0%
Association	\$4,306,790	\$3,981,877	-7.5%
Various Donors - Advancement	\$90,985,565	\$80,818,483	-11.2%
TOTAL	\$641,382,821	\$780,750,788	21.7%

OF AWARDS

Research			
Gift/Grant Source	Previous YTD	Year to Date	% Change
Federal Government	1,123	1,164	3.7%
State of Michigan	115	96	-16.5%
Other	332	282	-15.1%
Industry/CO	290	241	-16.9%
Foundation	109	86	-21.1%
Association	166	291	75.3%
Research - Total	2,135	2,160	1.2%
Non-Research			
Gift/Grant Source	Previous YTD	Year to Date	% Change
Federal Government	202	261	29.2%
State of Michigan	57	46	-19.3%
Other	108	114	5.6%
Industry/CO	172	116	-32.6%
Foundation	98	103	5.1%
Association	26	19	-26.9%
Various Donors - Advancement	4	4	0.0%
Non-Research - Total	667	663	-0.6%
Total			
Gift/Grant Source	Acceptance Total	Year to Date	Count % Change
Federal Government	1,325	1,425	7.5%
State of Michigan	172	142	-17.4%
Other	440	396	-10.0%
Industry/CO	462	357	-22.7%
Foundation	207	189	-8.7%
Association	192	310	61.5%
Various Donors - Advancement	4	4	0.0%
TOTAL	2,802	2,823	0.7%

Michigan State University 3 Year Annualized Average Awards



Top 10 Awards for the June 18, 2021 BOT Meeting

Rank	Sponsor Type	Award Amount	Principal Investigator	Sponsor	Department	New or Modification	Award Activity Type	Project Dates	Project Title
1	Federal Government	\$40,911,660	Samuel Stanley	US Dept of Education	FINANCIAL AID	New	Student Services	04/24/2020 05/15/2022	CARES Act Funding Request for MSU - Supplement (Mod 4) to Student Portion (COVID-19)
2	Federal Government	\$40,842,338	Lisa Frace	US Dept of Education	CONTROLLER	New	Student Services	05/05/2020 05/14/2022	CARES Act Funding Request for MSU (HEERF III) - Supplemental funding (Mod#4) for the Institution Portion (COVID-19)
3	Federal Government	\$3,750,000	Christoph Benning	US Dept of Energy	PLANT RESEARCH LABORATORY NAT SCIENCE	Modification	Research	12/01/1990 03/31/2023	Photosynthetic Energy Capture, Conversion and Storage: From Fundamental Mechanisms to Modular Engineering
4	Federal Government	\$2,563,708	Rick Shipman	US Dept of Education	FINANCIAL AID	New	Education/Instruction	07/01/2020 06/30/2021	Federal Workstudy
5	Other	\$1,779,750	Todd Lucas	Amer Cancer Society Inc	CHM FLINT	New	Research	07/01/2021 06/30/2026	Choice, Implementation Intentions, and At-home Colorectal Cancer Screening
6	Federal Government	\$1,500,000	Gustavo de los Campos	National Science Foundation	EPIDEMIOLOGY AND BIOSTATISTICS	New	Research	05/15/2021 04/30/2025	TRTech-PGR: Maize Hub: An Open-source Simulation Platform & Resources integrating extensive field trial data, DNA sequences, and historical weather records
7	Foundation	\$1,400,000	Dean Rehberger	The Andrew W Mellon Foundation	MATRIX HUM ARTS LETTERS SOC SCI ONLINE	New	Public Service	03/25/2021 03/31/2023	Enslaved: Peoples of the Historical Slave Trade
8	Federal Government	\$1,164,752	Terrie Taylor	National Inst of Allergy & Infectious Diseases	OSTEOPATHIC MEDICAL SPECIALTIES COM	Modification	Research	07/01/2010 03/31/2024	The Intransigence of Malaria in Malawi: Understanding Hidden Reservoirs, Successful Vectors and Prevention Failures
9	Federal Government	\$1,000,000	Lynnae Jess	National Inst of Food & Agriculture	ENTOMOLOGY MSUE	Modification	Public Service	09/01/2018 08/31/2023	North Central Integrated Pest Management Center (NCIPMC): A Regional Approach to Pest Management Implementation FY18-FY22
10	Federal Government	\$1,000,000	Juan Steibel	National Inst of Food & Agriculture	ANIMAL SCIENCE DEPARTMENT ANR	New	Research	03/01/2021 02/28/2026	FACT-CIN: A Coordinated Innovation Network for Advancing Computer Vision in Precision Livestock Farming
	TOTAL	\$95,912,208							

Gift, Grant and Contract Report
Board of Trustees
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	Amount	Sponsor	Principal Investigator/ Director	Unit	Project Title
COLLEGE OF AGRICULTURE AND NAT RESOURCES					
1	\$117,476	MISSISSIPPI STATE UNIV	Belton, Benjamin	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	HARNESSING MACHINE LEARNING TO ESTIMATE AQUACULTURE PRODUCTION AND VALUE CHAIN PERFORMANCE IN BANGLADESH
2	\$570,000	LIVELIHOODS & FOOD SECURITY TRUST	Boughton, Duncan	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	BUILDING THE EVIDENCE FOUNDATION FOR PROMOTION OF AGRIFOOD VALUE CHAIN DEVELOPMENT, SMALL FARM MODERNIZATION & RURAL LIVELIHOODS IN MYANMAR
3	\$33,161	DELTA INST	Gammans, Matthew	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	INTEGRATING SOIL HEALTH INTO LAND VALUATION IN SOUTHEAST MICHIGAN
4	\$48,217	MICHIGAN DEPT OF NATURAL RESOURCES	Lupi, Frank	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	PERM: FRANK LUPI – ECONOMIC ASPECTS OF WILDLIFE MANAGEMENT.
5	\$125,505	KANSAS STATE UNIV	Maredia, Mywish	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	ECONOMIC IMPACT OF IMPROVED BEAN VARIETIES IN CENTRAL AMERICA AND USA
6	\$49,992	UNIVERSITY OF NEBRASKA - LINCOLN	McKendree, Melissa	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	ONLINE BILINGUAL FARM BUSINESS MANAGEMENT EDUCATION FOR NEW PRODUCERS
7	\$68,353	VARIOUS INDUSTRIES	Bradford, Barry	ANIMAL SCIENCE DEPARTMENT ANR	DR. BARRY BRADFORD TESTING
8	\$308,003	NATIONAL INST OF HEALTH	Chen, Chen	ANIMAL SCIENCE DEPARTMENT ANR	MITOCHONDRIA-ANCHORED PROTEIN COMPLEXES IN PIRNA BIOGENESIS AND FUNCTION
9	\$322,787	NATIONAL INST OF HEALTH	Chen, Chen	ANIMAL SCIENCE DEPARTMENT ANR	TUDOR DOMAIN PROTEINS IN GERMLINE GENOME DEFENSE
10	\$59,990	FOREIGN AGRICULTURAL SERVICE	Ghimire, Ramjee	ANIMAL SCIENCE DEPARTMENT ANR	BFP21 MONGOLIA (TSENE-OCHIR) ASF/HPAI@MSU
11	\$59,996	FOREIGN AGRICULTURAL SERVICE	Ghimire, Ramjee	ANIMAL SCIENCE DEPARTMENT ANR	2021 NORMAN E. BORLAUG INTERNATIONAL AGRICULTURAL SCIENCE AND TECHNOLOGY FELLOWSHIP: ALGERIA, LEISHMANIASIS RISK ASSESSMENT
12	\$1,000,000	NATIONAL INST OF FOOD & AGRICULTURE	Steibel, Juan	ANIMAL SCIENCE DEPARTMENT ANR	FACT-CIN: A COORDINATED INNOVATION NETWORK FOR ADVANCING COMPUTER VISION IN PRECISION LIVESTOCK FARMING

Gift, Grant and Contract Report
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	Amount	Sponsor	Principal Investigator/ Director	Unit	Project Title
13	\$66,945	NATIONAL INST OF FOOD & AGRICULTURE	Swartz, Turner	ANIMAL SCIENCE DEPARTMENT ANR	INVESTIGATING THE NEXUS BETWEEN BETA-HYDROXYBUTYRATE, INFLAMMATION, AND MASTITIS IN DAIRY CATTLE
14	\$340,000	NATIONAL SCIENCE FOUNDATION	Wang, Yuan	ANIMAL SCIENCE DEPARTMENT ANR	CAREER: SPECIFY GERM CELL LINEAGES FROM PLURIPOTENT STATE
15	\$281,802	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Das, Narendra	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	ENHANCEMENT OF THE RHEAS CAPABILITIES FOR MONITORING AND FORECASTING OF SEASONAL RICE CROP PRODUCTIVITY FOR LOWER MEKONG BASIN COUNTRIES
16	\$26,796	MICHIGAN SOYBEAN COMMITTEE	Dong, Younsuk	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	IMPROVING IRRIGATION WATER USE EFFICIENCY AND DISEASE MANAGEMENT USING LOW-COST SENSOR MONITORING SYSTEMS
17	\$65,098	AGRICULTURAL RESEARCH SERVICE	Marks, Bradley	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	ACQUISITION OF GOODS AND SERVICES
18	\$100,000	OFFICE OF RURAL DEVELOPMENT	Surbrook, Truman	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	MICHIGAN FARM & RURAL BUSINESS ENERGY AUDIT ASSISTANCE PROJECT VI
19	\$14,806	NORTH CAROLINA STATE UNIV	Hodbod, Jennifer	DEPARTMENT OF COMMUNITY SUSTAINABILITY	INNOVATIONS IN WORKFORCE DEVELOPMENT: UNIVERSITY INDUSTRY CONSORTIUM FELLOWS PROGRAM
20	\$27,000	MICHIGAN DEPT OF EDUCATION	Matts, Colleen	DEPARTMENT OF COMMUNITY SUSTAINABILITY	MDE 10 CENTS A MEAL EVALUATION ASSISTANCE (2020-21)
21	\$17,250	MICHIGAN DEPT OF EDUCATION	Matts, Colleen	DEPARTMENT OF COMMUNITY SUSTAINABILITY	MICHIGAN 10 CENTS A MEAL EVALUATION (2019-20)
22	\$15,000	PURDUE UNIV	McKim, Aaron	DEPARTMENT OF COMMUNITY SUSTAINABILITY	DEVELOPING FACULTY LEADERSHIP TEAMS TO IMPLEMENT INCLUSIVE AND INTENTIONAL MENTORING PROGRAMS AT 1862 AND 1890 LAND GRANT INSTITUTIONS
23	\$58,716	NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION	Whyte, Kyle	DEPARTMENT OF COMMUNITY SUSTAINABILITY	BROADENING PARTICIPATION TO BUILD RESILIENCE: WELLS, MAINE
24	\$24,517	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Grieshop, Matthew	ENTOMOLOGY AGRICULTURE AND NATURAL RES	ADVANCING STERILE INSECT TECHNIQUE IN CODLING MOTH BY INVESTIGATING RELEASE AND CAPTURE METHODS
25	\$24,000	MICHIGAN APPLE COMMITTEE	Gut, Larry	ENTOMOLOGY AGRICULTURE AND NATURAL RES	MANAGING CODLING MOTH USING STERILE INSECT RELEASES

Gift, Grant and Contract Report
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	Amount	Sponsor	Principal Investigator/ Director	Unit	Project Title
26	\$20,000	MICHIGAN BLUEBERRY COMMISSION	Isaacs, Rufus	ENTOMOLOGY AGRICULTURE AND NATURAL RES	IMPROVING POLLINATION OF MI BLUEBERRIES
27	\$72,442	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	McCullough, Deborah	ENTOMOLOGY AGRICULTURE AND NATURAL RES	EXOTIC FOREST PESTS IN MICHIGAN RESEARCH
28	\$96,028	ANIMAL & PLANT HEALTH INSPECTION SERVICE	McCullough, Deborah	ENTOMOLOGY AGRICULTURE AND NATURAL RES	EVALUATING PERSISTENCE OF IMIDACLOPRID APPLIED WITH DIFFERENT METHODS FOR HWA CONTROL WITH ELISA AND LC/MS
29	\$25,000	PURDUE UNIV	McCullough, Deborah	ENTOMOLOGY AGRICULTURE AND NATURAL RES	EAB UNIVERSITY: USING WEB-BASED SEMINARS COOPERATIVELY TO PROVIDE INFORMATION ABOUT EAB AND OTHER INVASIVE FOREST HEALTH ISSUES TO TARGETED AUDIENCES.
30	\$19,023	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Quintanilla Tornel, Marisol	ENTOMOLOGY AGRICULTURE AND NATURAL RES	EVALUATING THE IMPACT AND MANAGEMENT OF PLANT-PARASITIC NEMATODES ON HEMEROCALLIS (DAYLILY) FIELD PRODUCTION
31	\$39,948	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Quintanilla Tornel, Marisol	ENTOMOLOGY AGRICULTURE AND NATURAL RES	FINDING SOLUTIONS TO MANAGE PLANT-PARASITIC PESTS OF MICHIGAN HOPYARDS
32	\$15,710	MICHIGAN SOYBEAN COMMITTEE	Quintanilla Tornel, Marisol	ENTOMOLOGY AGRICULTURE AND NATURAL RES	STATE-WIDE SURVEY TO ASSESS SCN POPULATIONS, DISTRIBUTION, HG TYPE AND FACTORS THAT INFLUENCE THEIR PRESENCE.
33	\$18,821	MICHIGAN SOYBEAN COMMITTEE	Quintanilla Tornel, Marisol	ENTOMOLOGY AGRICULTURE AND NATURAL RES	SOYBEAN CYST NEMATODE MANAGEMENT USING SELECTED COVER CROPS AND COVER CROP BLEND WITH PI 437654 (SCN RESISTANT WILD TYPE SOYBEAN), ALONG WITH COMPOST AND MANURES
34	\$7,658	MICHIGAN APPLE COMMITTEE	Szucs, Marianna	ENTOMOLOGY AGRICULTURE AND NATURAL RES	BIOLOGICAL CONTROL OF BROWN MARMORATED STINK BUG IN SOUTHWESTERN MICHIGAN
35	\$10,000	MICHIGAN APPLE COMMITTEE	Wilson, Julianna	ENTOMOLOGY AGRICULTURE AND NATURAL RES	BMSB MONITORING AND RESEARCH IN APPLE ORCHARDS
36	\$5,728	MICHIGAN APPLE COMMITTEE	Wilson, Julianna	ENTOMOLOGY AGRICULTURE AND NATURAL RES	TREE FRUIT INTEGRATOR POSITION
37	\$23,900	VARIOUS INDUSTRIES	Wise, John	ENTOMOLOGY AGRICULTURE AND NATURAL RES	WISE TESTING PROJECTS

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38	\$16,000	MONSANTO CO	Wise, John	ENTOMOLOGY AGRICULTURE AND NATURAL RES	TESTING PROTOCOL AGREEMENT - BAYER/MONSANTO INSECTICIDE FIELD TESTING IN APPLES
39	\$20,000	MICHIGAN BLUEBERRY COMMISSION	Wise, John	ENTOMOLOGY AGRICULTURE AND NATURAL RES	SYSTEMIC DELIVERY STRATEGIES FOR STEM GALL WASP CONTROL
40	\$19,671	MICHIGAN APPLE COMMITTEE	Wise, John	ENTOMOLOGY AGRICULTURE AND NATURAL RES	RAINFASTNESS OF FUNGICIDES FOR DISEASE CONTROL IN APPLES
41	\$48,901	GREAT LAKES FISHERY COMMISSION	Bence, James	FISHERIES AND WILDLIFE	GLFC SUPPORT FOR QFC
42	\$15,000	MICHIGAN DEPT OF NATURAL RESOURCES	Campa, Henry	FISHERIES AND WILDLIFE	EFFECTS OF UNGULATE BROWSING ON REGENERATING ASPEN COMMUNITIES AND MICHIGAN FEATURED WILDLIFE SPECIES IN THE PIGEON RIVER COUNTRY STATE FOREST: A 40-YEAR EVALUATION
43	\$183,063	US GEOLOGICAL SURVEY	Infante, Dana	FISHERIES AND WILDLIFE	RESEARCH MANAGEMENT AND COMMUNICATION PERTAINING TO CONSERVATION GENETICS AND BIODIVERSITY OF AQUATIC SPECIES WITHIN THE GREAT LAKES BASIN
44	\$130,000	MICHIGAN DEPT OF NATURAL RESOURCES	Infante, Dana	FISHERIES AND WILDLIFE	DEVELOPING A HOLISTIC APPROACH TO EVALUATE AND COMMUNICATE NATURAL RESOURCE ASSETS AND MANAGEMENT ACTIONS FOR MICHIGAN'S LARGE RIVERS: FOCUS ON THE AU SABLE RIVER
45	\$40,000	GREAT LAKES FISHERY COMMISSION	Jones, Michael	FISHERIES AND WILDLIFE	GREAT LAKES FISHERY COMMISSION SUPPORT FOR THE QUANTITATIVE FISHERIES CENTER
46	\$200,456	GREAT LAKES FISHERY COMMISSION	Li, Weiming	FISHERIES AND WILDLIFE	DETERMINE THE UTILITY OF PHEROMONE ANTAGONISTS FOR SEA LAMPREY CONTROL
47	\$69,740	GREAT LAKES FISHERY TRUST	Li, Weiming	FISHERIES AND WILDLIFE	CHARACTERIZATION OF OLFACTORY IMPRINTING TO INFORM RESTORATION OF LAKE STURGEON IN THE GREAT LAKES
48	\$84,441	GREAT LAKES FISHERY COMMISSION	Li, Weiming	FISHERIES AND WILDLIFE	CHEMICAL ANALYSES OF SEA LAMPREY PHEROMONES AND LAMPRICIDES
49	\$124,555	GREAT LAKES FISHERY COMMISSION	Li, Weiming	FISHERIES AND WILDLIFE	STRUCTURE AND FUNCTION OF NOVEL PHEROMONES FROM SEA LAMPREY MILT
50	\$33,500	IOWA STATE UNIV	Loch, Thomas	FISHERIES AND WILDLIFE	EVALUATING NOVEL METHODS FOR PREVENTING AEROMONAS-ASSOCIATED LOSSES IN YELLOW PERCH (PERCA FLAVESCENS) USING LABORATORY AND FIELD-BASED VACCINATION TRIALS
51	\$35,301	GREAT LAKES FISHERY COMMISSION	Robinson, John	FISHERIES AND WILDLIFE	DEVELOPMENT AND APPLICATION OF GENETIC METHODS TO SUPPORT GREAT LAKES FISHERY MANAGEMENT NEEDS

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	Amount	Sponsor	Principal Investigator/ Director	Unit	Project Title
52	\$72,996	MICHIGAN DEPT OF NATURAL RESOURCES	Robinson, Kelly	FISHERIES AND WILDLIFE	DEVELOPMENT OF A BASIS FOR ALLOCATION OF FISH PRODUCTION BETWEEN MANAGEMENT NEEDS AND DOUBLE-CRESTED CORMORANT PREDATION WITHIN THEIR NESTING RANGE.
53	\$75,000	UNIVERSITY OF MICHIGAN	Robinson, Kelly	FISHERIES AND WILDLIFE	UPDATED DECISION ANALYSIS TO INFORM MULTI-SPECIES SALMONINE MANAGEMENT IN LAKE MICHIGAN
54	\$19,200	NATIONAL COUNCIL FOR AIR & STREAM IMPROVEMENT	Roloff, Gary	FISHERIES AND WILDLIFE	NON-TRADITIONAL SILVICULTURAL SYSTEMS TO RECRUIT DIVERSE NORTHERN HARDWOODS IN LANDSCAPES IMPACTED BY DEER
55	\$58,277	THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND	Rose, Joan	FISHERIES AND WILDLIFE	DEVELOPMENT OF AN INTEGRATED RAPID NANOPORE PLATFORM FOR BUILDING THE VIROME OF MARINE MAMMALS AND THEIR ASSOCIATED ENVIRONMENTS
56	\$150,000	MICHIGAN DEPT OF NATURAL RESOURCES	Roth, Brian	FISHERIES AND WILDLIFE	IMPLEMENTING AND EVALUATING RESPONSE ACTIONS FOR RED SWAMP CRAYFISH IN MICHIGAN
57	\$110,749	UNIVERSITY OF WISCONSIN GREEN BAY	Scribner, Kim	FISHERIES AND WILDLIFE	CONTRIBUTION OF STURGEON PASSAGE TO LAKE STURGEON REPRODUCTION IN THE UPPER MENOMINEE RIVER
58	\$30,000	UNIVERSITY OF MICHIGAN	Taylor, William	FISHERIES AND WILDLIFE	MICHIGAN SEA GRANT OMNIBUS ADMINISTRATION
59	\$10,000	MICHIGAN DEPT OF NATURAL RESOURCES	Williams, David	FISHERIES AND WILDLIFE	INFLUENCE OF DEER HARVEST REGULATIONS ON ANTLERLESS HARVEST, ABUNDANCE, AND SEX AND AGE COMPOSITION: IMPLICATIONS FOR MANAGING DEER IN THE FACE OF CHRONIC WASTING DISEASE
60	\$70,398	MICHIGAN DEPT OF NATURAL RESOURCES	Winterstein, Scott	FISHERIES AND WILDLIFE	GREAT LAKES MALLARD MOVEMENTS, HABITAT SELECTION, SURVIVAL, AND PRODUCTIVITY
61	\$16,800	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Rogers, Gail	FOOD SCIENCE AND HUM NUTRITION ANR	DIETETIC INTERNSHIP PROJECT 2021-22 (MA-2021)
62	\$85,524	NATIONAL INST OF HEALTH	Strakovsky, Rita	FOOD SCIENCE AND HUM NUTRITION ANR	MATERNAL OBESITY AND HORMONALLY-MEDIATED MARKERS OF FETAL DEVELOPMENT
63	\$415,848	NATIONAL INST OF HEALTH	Strakovsky, Rita	FOOD SCIENCE AND HUM NUTRITION ANR	EXPOSURE TO PHTHALATE MIXTURES IN PREGNANCY AND LONG-TERM CONSEQUENCES FOR MATERNAL METABOLIC AND HORMONAL STATUS
64	\$39,964	USDA FOREST SERVICE	Cooper, Lauren	FORESTRY	E-LEARNING TRAINING IN CARBON AND CLIMATE FOR PERUVIAN PROFESSIONALS
65	\$100,000	NATIONAL INST OF FOOD & AGRICULTURE	Dowtin, Asia	FORESTRY	INTEGRATING FIRE INTO A PROVEN E-LEARNING PROGRAM ON FOREST CARBON AND CLIMATE CHANGE

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	Amount	Sponsor	Principal Investigator/ Director	Unit	Project Title
66	\$25,000	UNIVERSITY OF MAINE	Finley, Andrew	FORESTRY	FOREST CARBON ESTIMATION (FORCE): MAPPING GEDI-DERIVED FOREST STRUCTURE METRICS WITH PLOT-BASED INVENTORY & MULTIMODAL REMOTE SENSING DATA IN A HIERARCHICAL SPATIAL MODELING FRAMEWORK
67	\$55,000	VIRGINIA TECH	Nejad, Mojgan	FORESTRY	STUDYING DURABILITY AND APPLICATION OF LIGNIN (M-05-NE AND SWEETWATER-20)
68	\$21,307	MICHIGAN APPLE COMMITTEE	Beaudry, Randolph	HORTICULTURE ANR	BITTER PIT CHARACTERIZATION, PREDICTION, AND MITIGATION IN HONEYCRISP
69	\$25,203	MICHIGAN APPLE COMMITTEE	Beaudry, Randolph	HORTICULTURE ANR	APPLE RIPENING AFTER DCA STORAGE: ASSESSING THE RISK OF FLAVOR LOSS
70	\$15,000	MICHIGAN APPLE COMMITTEE	Chaudhari, Sushila	HORTICULTURE ANR	ADVANCING SUSTAINABILITY IN APPLE ORCHARDS WITH SITE-SPECIFIC WEED MANAGEMENT
71	\$43,387	MICHIGAN APPLE COMMITTEE	Einhorn, Todd	HORTICULTURE ANR	NEW THINNING STRATEGIES TO IMPROVE APPLE PROFITABILITY AND PREDICTABILITY
72	\$14,914	MICHIGAN APPLE COMMITTEE	Einhorn, Todd	HORTICULTURE ANR	OPTIMIZING TREE QUALITY FOR EARLY ORCHARD ESTABLISHMENT
73	\$15,856	MICHIGAN APPLE COMMITTEE	Einhorn, Todd	HORTICULTURE ANR	EVALUATION OF MULTI LEADER TRAINING SYSTEMS
74	\$19,945	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Saha, Debalina	HORTICULTURE ANR	DEVELOPING ALTERNATIVE WEED CONTROL STRATEGIES FOR LANDSCAPE AND CHRISTMAS TREE PRODUCTION
75	\$200,000	ENVIRONMENTAL RESEARCH & EDUCATION FOUNDATION	Rabnawaz, Muhammad	PACKAGING	NOVEL METHODS FOR THE RECYCLING AND UPCYCLING OF RECLAIMED MIXED STREAM POLYESTERS
76	\$9,536	MICHIGAN BEAN COMMISSION	Bales, Scott	PLANT SOIL AND MICROBIAL SCIENCES	VERIFICATION OF PROPOSED FERTILIZER FOR MICHIGAN DRY BEAN GROWERS
77	\$17,157	VARIOUS INDUSTRIES	Cassida, Kimberly	PLANT SOIL AND MICROBIAL SCIENCES	CASSIDA PSM TESTING
78	\$92,662	NATIONAL ALFALFA & FORAGE ALLIANCE	Cassida, Kimberly	PLANT SOIL AND MICROBIAL SCIENCES	DEVELOPING A SOIL BIOASSAY FOR ALFALFA AUTOTOXICITY
79	\$40,000	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Chilvers, Martin	PLANT SOIL AND MICROBIAL SCIENCES	LATE SEASON DISEASE MANAGEMENT AND ITS EFFECT ON MICHIGAN HOP AND BARLEY CROP QUALITY

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80	\$27,000	MICHIGAN SOYBEAN COMMITTEE	Chilvers, Martin	PLANT SOIL AND MICROBIAL SCIENCES	PHYTOPHTHORA STEM AND ROOT ROT MANAGEMENT: VARIETIES AND SEED TREATMENTS
81	\$31,500	MICHIGAN SOYBEAN COMMITTEE	Chilvers, Martin	PLANT SOIL AND MICROBIAL SCIENCES	SOYBEAN SDS AND SCN MANAGEMENT: RISK PREDICTION, SEED TREATMENTS AND VARIETY SCREENING
82	\$22,500	MICHIGAN SOYBEAN COMMITTEE	Chilvers, Martin	PLANT SOIL AND MICROBIAL SCIENCES	WHITE MOLD MANAGEMENT: EPIDEMIOLOGY, SPORECASTER, FUNGICIDE TIMING AND PLANT RESISTANCE
83	\$49,293	CORN MARKETING PROGRAM OF MICHIGAN	Chilvers, Martin	PLANT SOIL AND MICROBIAL SCIENCES	EPIDEMIOLOGY AND MANAGEMENT OF TAR SPOT
84	\$426,209	USDA-NATURAL RESOURCES CONSERVATION SERVICE	Chilvers, Martin	PLANT SOIL AND MICROBIAL SCIENCES	IMPLEMENTATION OF A LOW COST REMOTE MONITORING SYSTEM TO IMPROVE WATER USE EFFICIENCY AND DISEASE MANAGEMENT
85	\$19,500	MICHIGAN BEAN COMMISSION	Gomez, Francisco	PLANT SOIL AND MICROBIAL SCIENCES	VERIFICATION OF PROPOSED FERTILIZER RECOMMENDATIONS FOR MICHIGAN DRY BEAN GROWERS
86	\$53,999	AGRICULTURAL RESEARCH SERVICE	Gomez, Francisco	PLANT SOIL AND MICROBIAL SCIENCES	BEAN FLOUR EVALUATION AND PRODUCT DEVELOPMENT
87	\$10,000	MICHIGAN SUGARBEET ADVANCEMENT	Hammerschmidt, Raymond	PLANT SOIL AND MICROBIAL SCIENCES	ALTERNARIA SPP. FROM ALTERNARIA LEAF SPOT IN MICHIGAN
88	\$70,046	CELERY RESEARCH INC	Hausbeck, Mary	PLANT SOIL AND MICROBIAL SCIENCES	MICHIGAN CELERY GROWERS SEEK ANSWERS TO PLANT "MELTDOWN" WHICH THREATENS ITS FUTURE
89	\$11,000	CORNELL UNIV	Isaacs, Krista	PLANT SOIL AND MICROBIAL SCIENCES	CONTRIBUTION TO THE GENDER-RESPONSIVE RESEARCHERS EQUIPPED FOR AGRICULTURAL TRANSFORMATION (GREAT) CONSULTANCY TO DEVELOP GENDER IN SEED SYSTEMS TRAINING MATERIALS
90	\$6,010	MICHIGAN POTATO INDUSTRY COMMISSION	Long, Christopher	PLANT SOIL AND MICROBIAL SCIENCES	MICHIGAN POTATO RESEARCH TECHNICIAN
91	\$5,533	MICHIGAN POTATO INDUSTRY COMMISSION	Long, Christopher	PLANT SOIL AND MICROBIAL SCIENCES	MICHIGAN POTATO RESEARCH SALARY FUNDING

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92	\$240,250	VARIOUS INDUSTRIES	Miles, Timothy	PLANT SOIL AND MICROBIAL SCIENCES	MILES PSM TESTING
93	\$45,500	VARIOUS INDUSTRIES	Nikolai, Thomas	PLANT SOIL AND MICROBIAL SCIENCES	NIKOLAI PSM TESTING
94	\$90,345	AGRICULTURAL RESEARCH SERVICE	Olson, Eric	PLANT SOIL AND MICROBIAL SCIENCES	DEVELOPMENT OF SCAB RESISTANT WHEAT VARIETIES FOR MICHIGAN
95	\$26,757	MICHIGAN SOYBEAN COMMITTEE	Patterson, Eric	PLANT SOIL AND MICROBIAL SCIENCES	EXPANDING MOLECULAR HERBICIDE RESISTANCE TESTING CAPACITY FOR MICHIGAN SOYBEAN GROWERS
96	\$20,000	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Pennington, Dennis	PLANT SOIL AND MICROBIAL SCIENCES	VARIETY SELECTION AND NITROGEN APPLICATION FOR OAT MALTING
97	\$52,000	MICHIGAN SOYBEAN COMMITTEE	Singh, Maninderpal	PLANT SOIL AND MICROBIAL SCIENCES	OPTIMIZING PLANTING DECISIONS FOR IMPROVED YIELD AND PROFITABILITY IN MICHIGAN SOYBEANS
98	\$12,921	VARIOUS INDUSTRIES	Singh, Maninderpal	PLANT SOIL AND MICROBIAL SCIENCES	SINGH PSM TESTING
99	\$14,491	UNIVERSITY OF WISCONSIN MADISON	Singh, Maninderpal	PLANT SOIL AND MICROBIAL SCIENCES	BOOTS ON THE GROUND: VALIDATION OF BENCHMARKING PROCESS THROUGH AN INTEGRATED ON-FARM NETWORK
100	\$19,684	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Singh, Maninderpal	PLANT SOIL AND MICROBIAL SCIENCES	ROLE OF PLANTING DATE AND SEEDING RATE IN OPTIMIZING WINTER SURVIVAL, YIELD, AND QUALITY OF MALTING BARLEY
101	\$24,143	MICHIGAN SOYBEAN COMMITTEE	Sprague, Christy	PLANT SOIL AND MICROBIAL SCIENCES	CONTINUING TO EXAMINE STRATEGIES TO MANAGE WATERHEMP IN MICHIGAN SOYBEAN
102	\$15,000	MICHIGAN SUGAR CO	Sprague, Christy	PLANT SOIL AND MICROBIAL SCIENCES	INTEGRATING CEREAL RYE WITH HERBICIDE APPLICATIONS TO MANAGE GLYPHOSATE-RESISTANT HORSEWEED (MARESTAIL) IN ROUNDUP READY SUGARBEET
103	\$7,335	MICHIGAN SOYBEAN COMMITTEE	Sprague, Christy	PLANT SOIL AND MICROBIAL SCIENCES	WEED MANAGEMENT STRATEGIES IN NON-GMO SOYBEAN

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104	\$24,026	MICHIGAN SOYBEAN COMMITTEE	Sprague, Christy	PLANT SOIL AND MICROBIAL SCIENCES	INNOVATIVE STRATEGIES TO MANAGE GLYPHOSATE-RESISTANT HORSEWEED (MARESTAIL) IN SOYBEAN – YEAR 2
105	\$68,500	VARIOUS INDUSTRIES	Sprague, Christy	PLANT SOIL AND MICROBIAL SCIENCES	SPRAGUE PSM TESTING
106	\$8,000	KWS SEEDS LLC	Sprague, Christy	PLANT SOIL AND MICROBIAL SCIENCES	TESTING OF TRUVERA PRODUCTS
107	\$82,015	VARIOUS INDUSTRIES	Steinke, Kurt	PLANT SOIL AND MICROBIAL SCIENCES	STEINKE PSM TESTING
108	\$14,947	MICHIGAN SUGAR CO	Steinke, Kurt	PLANT SOIL AND MICROBIAL SCIENCES	INTEGRATING AGRONOMIC MANAGEMENT PRACTICES TO IMPROVE SUGARBEET YIELD AND QUALITY
109	\$40,259	MICHIGAN SOYBEAN COMMITTEE	Steinke, Kurt	PLANT SOIL AND MICROBIAL SCIENCES	ADJUSTING NUTRIENT MANAGEMENT STRATEGIES TO ENHANCE SOYBEAN PRODUCTION
110	\$195,350	VARIOUS INDUSTRIES	Sundin, George	PLANT SOIL AND MICROBIAL SCIENCES	SUNDIN PSM TESTING
111	\$25,000	MICHIGAN APPLE COMMITTEE	Sundin, George	PLANT SOIL AND MICROBIAL SCIENCES	FUNGICIDE RESISTANCE SCREENING IN THE APPLE SCAB PATHOGEN VENTURIA INAEQUALIS, AND CONTINUED WORK ON SHOOT BLIGHT MANAGEMENT
112	\$79,510	VARIOUS INDUSTRIES	Vargas, Joseph	PLANT SOIL AND MICROBIAL SCIENCES	VARGAS PSM TESTING
113	\$15,876	VARIOUS INDUSTRIES	Wang, Dechun	PLANT SOIL AND MICROBIAL SCIENCES	WANG TESTING PROJECTS
114	\$102,354	MICHIGAN SOYBEAN COMMITTEE	Wang, Dechun	PLANT SOIL AND MICROBIAL SCIENCES	SOYBEAN BREEDING AND GENETICS IMPROVEMENT FOR MICHIGAN ENVIRONMENTS
115	\$47,612	MICHIGAN SOYBEAN COMMITTEE	Wang, Dechun	PLANT SOIL AND MICROBIAL SCIENCES	ENHANCE RESEARCH IN SOYBEAN FIELD EVALUATIONS IN MICHIGAN

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116	\$85,625	MICHIGAN POTATO INDUSTRY COMMISSION	Willbur, Jaime	PLANT SOIL AND MICROBIAL SCIENCES	IDENTIFICATION OF POTATO VARIETIES WITH POSTHARVEST DISEASE RESISTANCE
117	\$10,000	MICHIGAN SUGAR CO	Willbur, Jaime	PLANT SOIL AND MICROBIAL SCIENCES	EARLY-SEASON FUNGICIDE RESISTANCE MONITORING FOR FOLIAR SUGAR BEET PATHOGENS
118	\$77,473	VARIOUS INDUSTRIES	Willbur, Jaime	PLANT SOIL AND MICROBIAL SCIENCES	WILLBUR PSM TESTING
119	\$173,000	AGRICULTURAL MARKETING SERVICE	Cui, Yue	SCHOOL OF PLANNING DES CONSTRUCTION ANR	AGRITOURISM DIRECTORY LAUNCH AND LOCAL FOOD DIRECTORIES PLATFORM UPDATE
120	\$100,000	ERB FAMILY FOUNDATION	Madill, Holly	SCHOOL OF PLANNING DES CONSTRUCTION ANR	ASSESSMENT AND STRATEGIC PLANNING FOR MSUE WATER SCHOOL
121	\$25,999	NATIONAL HOUSING ENDOWMENT	Mollaoglu, Sinem	SCHOOL OF PLANNING DES CONSTRUCTION ANR	2018 HELP- MSU CONSTRUCTION MANAGEMENT PROGRAM
122	\$29,504	JOB SITE SAFETY INST	Zhao, Dong	SCHOOL OF PLANNING DES CONSTRUCTION ANR	TRENDS OF OCCUPATIONAL INJURIES AND INTERVENTION ON CONSTRUCTION JOB SITES
COLLEGE OF ARTS AND LETTERS					
123	\$299,973	NATIONAL SCIENCE FOUNDATION	O'Rourke, Michael	AL RESEARCH AND SCHOLARSHIP	EAGER: GROWING CONVERGENCE FOR GROWING CONVERGENCE RESEARCH
124	\$196,823	INST OF INTL EDUCATION	Albee, Mark	ENGLISH LANGUAGE CENTER	MSU FOREIGN FULBRIGHT ENGLISH FOR GRADUATE STUDIES PROGRAM
125	\$75,927	NATIONAL SECURITY AGENCY	Winke, Paula	LINGUISTICS, LANGUAGES, AND CULTURES	STARTALK CRITICAL LANGUAGE ASSESSMENT PROGRAM
ELI BROAD COLLEGE OF BUSINESS					
126	\$190,237	UNIVERSITY OF MARYLAND	Griffis, Stanley	DEPARTMENT OF SUPPLY CHAIN MANAGEMENT	ISN2: DETECTING & INTERDICTING ILLICIT WILDLIFE TRAFFICKING SUPPLY CHAINS

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127	\$139,020	US DEPT OF THE ARMY	Fraye, David	EXECUTIVE DEVELOPMENT PROGRAMS	ARMY WORKSPACE EXTENSION
COLLEGE OF COMMUNICATION ARTS SCIENCES					
128	\$133,147	UNIVERSITY OF PENNSYLVANIA	Sanders-Jackson, Ashley	ADVERTISING AND PUBLIC RELATIONS	PROJECT RESIST – INCREASING RESISTANCE TO TOBACCO MARKETING AMONG YOUNG ADULT SEXUAL MINORITY WOMEN USING INOCULATION MESSAGE APPROACHES
129	\$545,188	CORP FOR PUBLIC BROADCASTING	Elkins, Susanne	BROADCASTING SERVICES	AMERICAN RESCUE PLAN ACT STABILIZATION GRANT - WKAR TV
130	\$83,333	DETROIT PUBLIC TELEVISION	Elkins, Susanne	BROADCASTING SERVICES	DPTV MICHIGAN LEARNING CHANNEL
131	\$25,000	WGBH EDUCATIONAL FOUNDATION	Elkins, Susanne	BROADCASTING SERVICES	NOVA'S SCIENCE AND SOCIETY PROJECT
132	\$667,607	NATIONAL INST OF HEALTH	Hunter, Eric	COMMUNICATIVE SCIENCES DISORDERS CAS	PROTECTING TEACHERS' VOICES: INVESTIGATING RISK FACTORS, CONDUCTING COST ANALYSIS
133	\$137,795	NATIONAL INST OF HEALTH	Naghbolhosseini, Maryam	COMMUNICATIVE SCIENCES DISORDERS CAS	STUDYING THE LARYNGEAL MECHANISMS UNDERLYING DYSPHONIA IN CONNECTED SPEECH
134	\$617,955	NATIONAL INST OF HEALTH	Walsh, Bridget	COMMUNICATIVE SCIENCES DISORDERS CAS	DEVELOPMENTAL TRAJECTORIES TO STUTTERING PERSISTENCE AND RECOVERY
COLLEGE OF EDUCATION					
135	\$15,765	WESTERN MICHIGAN UNIV	Beverly, Bryan	CED OUTREACH	WESTERN MICHIGAN UNIVERSITY HIL PROJECT: HIGH-IMPACT LEADERSHIP FOR SCHOOL RENEWAL
136	\$125,000	GOGEBIC ONTONAGON INTERMEDIATE SCHOOL DISTRICT	Beverly, Bryan	CED OUTREACH	BEYOND THE FOCUS GROUP: CULTIVATING STUDENT AGENCY AND LEADERSHIP
137	\$597,186	WILLIAM T GRANT FOUNDATION	Carter Andrews, Dorinda	CED OUTREACH	RACIAL EQUITY IN DISCIPLINE FOR STUDENTS PROJECT
138	\$40,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Carlson, John	COUNSELING, EDUC PSYCH & SPEC EDUC	CHILDREN'S FETAL ALCOHOL SPECTRUM DISORDER (FASD) EVALUATION
139	\$411,393	NATIONAL INST OF HEALTH	Linnenbrink-Garcia, Lisa	COUNSELING, EDUC PSYCH & SPEC EDUC	CONTEXTUAL FACTORS AND PSYCHOLOGICAL MECHANISMS THAT SUPPORT OR DISRUPT BIOMEDICAL CAREER PATHWAYS

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140	\$10,714	VARIOUS SCHOOLS	Markle, Barbara	EDUCATION DEAN	K-12 SCHOOL IMPROVEMENT TRAINING
141	\$25,000	VARIOUS SCHOOLS	Paine, Lynn	EDUCATION DEAN	CHINESE TEACHER CERTIFICATION PROGRAM
142	\$150,000	MICHIGAN DEPT OF EDUCATION	Strunk, Katharine	EDUCATION POLICY CENTER	SECTION 104(16) DISTANCING LEARNING STUDY
143	\$131,613	UNIVERSITY OF MICHIGAN	Pfeiffer, Karin	KINESIOLOGY - ED	THE CHAMP AFTER SCHOOL PROGRAM: PROMOTING PHYSICAL ACTIVITY & HEALTH IN CHILDREN
144	\$432,632	NATIONAL SCIENCE FOUNDATION	Dominguez, Higinio	TEACHER EDUCATION	COLLABORATIVE RESEARCH: DEVELOPING TEACHER LEARNING THEORY WITH TEACHERS AND STUDENTS ANIMATING MATHEMATICAL CONCEPTS
145	\$91,999	UNIVERSITY OF MICHIGAN	Halvorsen, Anne-Lise	TEACHER EDUCATION	THE GREAT FIRST EIGHT CURRICULUM
COLLEGE OF ENGINEERING					
146	\$240,560	FLORIDA STATE UNIV	Bieler, Thomas	CHEMICAL ENGINEERING AND MATERIALS SCI	THE EFFECT OF PROCESS HISTORY ON GRAIN BOUNDARIES AND DISLOCATION SUBSTRUCTURES ON FUNCTIONAL PROPERTIES OF NB FOR SRF CAVITIES: PLASTIC FORMABILITY AND MICROSTRUCTURAL EVOLUTION
147	\$138,194	FORD MOTOR CO	Boeman, Raymond	CHEMICAL ENGINEERING AND MATERIALS SCI	DOE-FORD-SURF: MULTI-FUNCTIONAL SMART STRUCTURES FOR SMART VEHICLES
148	\$12,000	NATIONAL SCIENCE FOUNDATION	Chan, Christina	CHEMICAL ENGINEERING AND MATERIALS SCI	COLLABORATIVE RESEARCH: DYNAMIC DEGRADATION OF PROTEINS BY UBIQUITINATION PROVIDES A NOVEL THERAPEUTIC FOR CONTROLLING ELEVATED PROTEIN LEVELS
149	\$8,432	VARIOUS INDUSTRIES	Morelli, Donald	CHEMICAL ENGINEERING AND MATERIALS SCI	FEE FOR SERVICE - NICOLE SHRINER
150	\$30,768	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Morelli, Donald	CHEMICAL ENGINEERING AND MATERIALS SCI	DIACETYL FORMATION, REDUCTION AND CONTROL IN BEERS BREWED WITH RASPBERRIES AND OTHER ADJUNCT SUGAR SOURCES
151	\$65,000	STATE OF IOWA DEPT OF TRANSPORTATION	Cetin, Bora	CIVIL AND ENVIRONMENTAL ENGINEERING	ADVANCED TESTING AND CHARACTERIZATION OF IOWA
152	\$351,167	MICHIGAN DEPT OF TRANSPORTATION	Gates, Timothy	CIVIL AND ENVIRONMENTAL ENGINEERING	EFFECTIVE BRIDGE DECK WARNING WEATHER TECHNOLOGIES (ROAD WEATHER INFORMATION SYSTEM)
153	\$95,000	VARIOUS INDUSTRIES	Haq, Mahmoodul	CIVIL AND ENVIRONMENTAL ENGINEERING	FEE FOR SERVICE - CVRC - MAHMOODUL HAQ

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154	\$30,000	ENGINEERING AND SOFTWARE CONSULTANTS INC (ESC)	Kutay, Muhammed	CIVIL AND ENVIRONMENTAL ENGINEERING	VALIDATION OF UNIFIED PAVEMENT DISTRESS ANALYSIS AND PREDICTION SYSTEM MODELS AND DEVELOPMENT OF AN IMPLEMENTATION FRAMEWORK
155	\$543,032	MICHIGAN DEPT OF TRANSPORTATION	Kutay, Muhammed	CIVIL AND ENVIRONMENTAL ENGINEERING	EVALUATION OF MDOT'S METHODOLOGIES FOR BOTH QUANTIFYING PAVEMENT DISTRESS AND MODELING PAVEMENT PERFORMANCE FOR LIFE-CYCLE COST
156	\$193,921	FORD MOTOR CO	Lu, Weiyi	CIVIL AND ENVIRONMENTAL ENGINEERING	000111-MSU: INTELLIGENT NANOFLUID ROBOTICS FOR ENHANCED VEHICLE MOBILITY AND SAFETY
157	\$38,231	NATIONAL SCIENCE FOUNDATION	Lu, Weiyi	CIVIL AND ENVIRONMENTAL ENGINEERING	NSF INTERN: NANOFLUIDICS ENABLED ON VEHICLE PASSIVE SAFETY DEVICES
158	\$250,000	MICHIGAN DEPT OF TRANSPORTATION	Savolainen, Peter	CIVIL AND ENVIRONMENTAL ENGINEERING	EVALUATING THE PERFORMANCE AND SAFETY EFFECTIVENESS OF ROUNDABOUTS-AN UPDATE
159	\$75,000	STATE OF IOWA DEPT OF TRANSPORTATION	Savolainen, Peter	CIVIL AND ENVIRONMENTAL ENGINEERING	WORK ZONE SPEED LIMITS AND MOTORIST COMPLIANCE
160	\$33,616	COLLABORATIVE COMPOSITE SOLUTIONS CORP	Drzal, Lawrence	COMPOSITE MATERIALS AND STRUCTURES CTR	IACMI TASK 3.1 - SET UP AND M&O (MANAGEMENT AND OPERATIONS)-PROJECT AGREEMENT #: PA16-0349-3.1-01
161	\$617,000	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Murillo, Michael	COMPUTATIONAL MATH SCI AND ENGR EGR	COMPUTATIONAL NON-IDEAL PLASMA PHYSICS
162	\$56,738	NATIONAL SCIENCE FOUNDATION	Kordjamshidi, Parisa	COMPUTER SCIENCE AND ENGINEERING	CAREER: COMBINING LEARNING AND REASONING FOR SPATIAL LANGUAGE UNDERSTANDING
163	\$100,000	WEST VIRGINIA UNIV	Ross, Arun	COMPUTER SCIENCE AND ENGINEERING	SUBJECT MATTER EXPERT (SME) SERVICE IN BIOMETRICS
164	\$248,323	INTELLIGENCE ADVANCED RESEARCH PROJECTS ACTIVITY	Ross, Arun	COMPUTER SCIENCE AND ENGINEERING	PRESENTATION ATTACK DETECTION: SOLUTIONS FOR FINGERPRINTS, FACE AND IRIS SYSTEMS
165	\$101,428	NATIONAL SCIENCE FOUNDATION	Tang, Jiliang	COMPUTER SCIENCE AND ENGINEERING	CAREER: SIGNED NETWORKS: MODELING, MEASURING, AND MINING

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166	\$16,000	NATIONAL SCIENCE FOUNDATION	Xiao, Li	COMPUTER SCIENCE AND ENGINEERING	SHF: SMALL: AN INTEGRATED HARDWARE-SOFTWARE ARCHITECTURE FOR EFFICIENT, LOW-POWER, SPATIALLY COLLABORATIVE COMPUTING IN AUGMENTED REALITY
167	\$114,741	FRAUNHOFER USA	Asmussen, Jes	ELECTRICAL AND COMPUTER ENGINEERING	FRAUNHOFER CENTER RENEWAL
168	\$124,840	APPLIED RESEARCH ASSOCIATES INC	Balasubramaniam, Shanker	ELECTRICAL AND COMPUTER ENGINEERING	RF ANALYSIS AND VALIDATION ENGINEERING SOFTWARE (RAVENS)
169	\$100,000	OFFICE OF NAVAL RESEARCH	Deng, Yiming	ELECTRICAL AND COMPUTER ENGINEERING	AI-ENABLED EFFICIENT FIBER-OPTIC SENSOR/ACTUATION SYSTEM USING DEEP NEURAL NETWORKS (DNNS) AND INFORMATION FUSION
170	\$145,041	OFFICE OF NAVAL RESEARCH	Han, Ming	ELECTRICAL AND COMPUTER ENGINEERING	HIGHLY-MULTIPLEXED FIBER-OPTIC ACOUSTIC EMISSION SENSOR SYSTEM FOR ADAPTIVE STRUCTURAL HEALTH MONITORING
171	\$144,295	OFFICE OF NAVAL RESEARCH	Han, Ming	ELECTRICAL AND COMPUTER ENGINEERING	OPTICAL FIBER-COIL SENSORS FOR STRUCTURAL HEALTH MONITORING (TRACKING ID 20-000001103)
172	\$81,836	OFFICE OF NAVAL RESEARCH	Han, Ming	ELECTRICAL AND COMPUTER ENGINEERING	ULTRAFAST AND COMPACT FIBER-OPTIC TEMPERATURE SENSOR FOR UNMANNED UNDERWATER VEHICLES
173	\$26,700	NATIONAL INST OF HEALTH	McGough, Robert	ELECTRICAL AND COMPUTER ENGINEERING	FAST NUMERICAL MODELING OF MEDICAL ULTRASOUND FOR THERAPY AND IMAGING
174	\$215,347	PROCTER & GAMBLE CO	Nanzer, Jeffrey	ELECTRICAL AND COMPUTER ENGINEERING	WIRELESS MEASUREMENT OF HUMAN-PRODUCT INTERACTIONS
175	\$199,998	FORD MOTOR CO	Papapolymerou, Ioannis	ELECTRICAL AND COMPUTER ENGINEERING	LOW-PROFILE CONFORMAL ANTENNAS FOR FORD VEHICLES
176	\$130,000	SANDIA NATIONAL LABORATORIES	Papapolymerou, Ioannis	ELECTRICAL AND COMPUTER ENGINEERING	KU-BAND GALLIUM NITRIDE RF CIRCUIT DEVELOPMENT
177	\$36,573	PRINCETON UNIV	Srivastava, Vaibhav	ELECTRICAL AND COMPUTER ENGINEERING	RESILIENCE AND ROBUSTNESS IN ECOLOGICAL DISTRIBUTED DECISION-MAKING DYNAMICS

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178	\$75,994	TOYOTA MOTOR CORP	Tan, Xiaobo	ELECTRICAL AND COMPUTER ENGINEERING	PVC GEL ACTUATORS
179	\$57,176	NATIONAL INST OF HEALTH	Johnson, Brian	INSTITUTE FOR QUANTITATIVE HEALTH	ELUCIDATING AHR SIGNALING INTERPLAY IN OROFACIAL CLEFTING AND ENDOCRINE DISRUPTION USING MICROPLATE MICROFLUIDICS
180	\$157,908	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Koochesfahani, Manoochehr	MECHANICAL ENGINEERING	PHASE 2: ZBOT-2 THERMOMETRY DIAGNOSTICS DEVELOPMENT
181	\$287,596	EATON CORP	Kwon, Patrick	MECHANICAL ENGINEERING	ASSESSING THE ROLE OF BUILD PARAMETERS AND HEAT TREATMENT ON FATIGUE BEHAVIOR FOR ADDITIVELY MANUFACTURED TITANIUM AND STAINLESS STEEL ALLOYS
182	\$67,310	AMER HEART ASSOC	Lee, Lik-Chuan	MECHANICAL ENGINEERING	ROLE OF CORONARY PERFUSION IN RIGHT HEART FAILURE
183	\$120,000	T MOBILE USA INC	Li, Zhaojian	MECHANICAL ENGINEERING	LEARNING-EMPOWERED AUTOMATED PHONE TESTING
184	\$8,000	NATIONAL SCIENCE FOUNDATION	Nadimpalli, Siva	MECHANICAL ENGINEERING	CAREER: ELECTRO-CHEMO-MECHANICS OF POLYMER/ACTIVE MATERIAL INTERFACE FRACTURE
185	\$20,059	OFFICE OF NAVAL RESEARCH	Nadimpalli, Siva	MECHANICAL ENGINEERING	DEVELOPMENT OF STRAIN-BASED HEALTH MONITORING AND THERMAL RUNAWAY DETECTION METHOD
186	\$45,000	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Wichman, Indrek	MECHANICAL ENGINEERING	DEVELOPING THE NARROW CHANNEL APPARATUS AS A NASA STANDARD MATERIAL FLAMMABILITY TEST
187	\$30,400	US ARMY RESEARCH OFFICE	Zayernouri, Mohsen	MECHANICAL ENGINEERING	A STOCHASTIC FRACTIONAL MODELING FRAMEWORK FOR DESIGN OF NEW FUNCTIONAL MATERIALS
188	\$128,474	BROWN UNIV	Zayernouri, Mohsen	MECHANICAL ENGINEERING	FRACTIONAL PDES FOR CONSERVATION LAWS AND BEYOND: THEORY, NUMERICS AND APPLICATIONS
COLLEGE OF HUMAN MEDICINE					
189	\$70,900	STEPHANIE H. & DAVID A. SPINA FAMILY FOUNDATION	Custack, Amy	CHM FLINT	FLINT FAMILIES COOK: A VIRTUAL COOKING CLASS FOR FAMILIES
190	\$12,065	UNIVERSITY OF MICHIGAN	Johnson, Jennifer	CHM FLINT	VIRTUAL REALITY JOB INTERVIEW TRAINING TO SUPPORT RE-ENTRY FOR THE MICHIGAN VILLAGES
191	\$782,449	NATIONAL INST OF HEALTH	Johnson, Jennifer	CHM FLINT	MEETING WOMEN WHERE THEY ARE: MULTILEVEL INTERVENTION ADDRESSING RACIAL DISPARITIES IN MATERNAL MORBIDITY AND MORTALITY

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192	\$69,101	NATIONAL INST OF MENTAL HEALTH	Johnson, Jennifer	CHM FLINT	IMPLEMENTING TO SUSTAIN: DETERMINING THE MINIMUM NECESSARY INTERVENTION TO MAINTAIN A POSTPARTUM DEPRESSION PREVENTION PROGRAM (ROSE) IN CLINICS PROVIDING PRENATAL SERVICES TO LOW-INCOME WOMEN
193	\$124,567	NATIONAL INST ON MINORITY HEALTH & HEALTH DISPARITIES	Key, Kent	CHM FLINT	FAMILY HEALTH HISTORIES: CREATING A CULTURALLY TAILORED TOOL TO REDUCE HEALTH DISPARITIES IN THE AFRICAN AMERICAN COMMUNITY
194	\$1,779,750	AMER CANCER SOCIETY INC	Lucas, Todd	CHM FLINT	CHOICE, IMPLEMENTATION INTENTIONS, AND AT-HOME COLORECTAL CANCER SCREENING
195	\$452,065	NEW YORK UNIV SCHOOL OF MEDICINE	O'Connell, Lauren	CHM FLINT	UNIVERSAL STRENGTHS-BASED PARENTING SUPPORT IN PEDIATRIC HEALTH CARE FOR FAMILIES WITH VERY YOUNG CHILDREN FOLLOWING THE FLINT WATER CRISIS
196	\$517,003	NATIONAL INST OF ALCOHOL ABUSE & ALCOHOLISM	Ondersma, Steven	CHM FLINT	SCALING UP: A MULTI-SITE TRIAL OF E-SBI FOR ALCOHOL USE IN PREGNANCY
197	\$115,917	NATIONAL INST ON DRUG ABUSE	Brincks, Ahnalee	EPIDEMIOLOGY AND BIOSTATISTICS	DEVELOPING METHODS TO ESTIMATE MEDIATION EFFECTS IN ADAPTIVE INTERVENTIONS
198	\$176,745	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Misra, Dawn	EPIDEMIOLOGY AND BIOSTATISTICS	COVID-19 MORTALITY REVIEW SUPPORT
199	\$65,043	UNIVERSITY OF CENTRAL FLORIDA	Misra, Dawn	EPIDEMIOLOGY AND BIOSTATISTICS	SOCIAL STRESSORS AND INFLAMMATION: A MIXED METHODS APPROACH TO PRETERM BIRTH - ADMINISTRATIVE SUPPLEMENT
200	\$46,950	MAYO CLINIC	Paneth, Nigel	EPIDEMIOLOGY AND BIOSTATISTICS	COVID-19 CONVALESCENT PLASMA EXPANDED ACCESS PROGRAM
201	\$245,080	NATIONAL INST OF HEALTH	Upson, Kristen	EPIDEMIOLOGY AND BIOSTATISTICS	INFLUENCE OF DIET, IRON STORES, AND TOXIC METALS ON UPTAKES AND EFFECTS ON UTERINE FIBROID RISK IN AFRICAN AMERICAN WOMEN
202	\$1,500,000	NATIONAL SCIENCE FOUNDATION	de los Campos, Gustavo	EPIDEMIOLOGY AND BIOSTATISTICS	TRTECH-PGR: MAIZE HUB: AN OPEN-SOURCE SIMULATION PLATFORM & RESOURCES INTEGRATING EXTENSIVE FIELD TRIAL DATA, DNA SEQUENCES, AND HISTORICAL WEATHER RECORDS
203	\$31,715	SHIRLEY RYAN ABILITYLAB	Kozlowski, Allan	HUMAN MEDICINE DEAN	DEFINING TRAJECTORIES OF LINGUISTIC, COGNITIVE-COMMUNICATIVE AND QUALITY OF LIFE OUTCOMES IN APHASIA
204	\$691,000	HEALTH RESOURCES & SERVICES ADMINISTRATION	Lipscomb, Wanda	HUMAN MEDICINE DEAN	CENTERS OF EXCELLENCE.
205	\$14,588	GLADIATOR BIOSCIENCES	Kanada, Masamitsu	INSTITUTE FOR QUANTITATIVE HEALTH	CHARACTERIZATION OF GLA DOMAIN FOR THE DETECTION OF PHOSPHATIDYLSERINE-POSITIVE CANCER EXTRACELLULAR VESICLES

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206	\$33,550	BLUE CROSS BLUE SHIELD OF MICHIGAN FOUNDATION	Blalock, Emiko	MEDICAL EDUCATION RESEARCH & DEVELOPMENT	THIRD YEAR MEDICAL STUDENTS LEARN EMPATHETIC LISTENING AND INTERVIEWING IN PRIMARY CARE ADULT WARDS
207	\$769,976	NATIONAL INST OF HEALTH	Olomu, Adesuwa	MEDICINE	IMPROVING DIABETIC PATIENTS' ADHERENCE TO TREATMENT AND PREVENTION OF CARDIOVASCULAR DISEASE
208	\$21,500	ASSOC OF OCCUPATIONAL & ENVIRONMENTAL CLINICS	Rosenman, Kenneth	MEDICINE	OEC EXPOSURE CODE SYSTEM UPDATES
209	\$547,003	NATIONAL INST OF CHILD HEALTH & HUMAN DEVELOPMENT	Fazleabas, Asgerally	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	REGULATION OF ENDOMETRIOTIC LESION DEVELOPMENT BY NOTCH1
210	\$514,696	NATIONAL INST OF CHILD HEALTH & HUMAN DEVELOPMENT	Jeong, Jaewook	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	MOLECULAR MECHANISMS OF ENDOMETRIAL PROGESTERONE RESISTANCE
211	\$402,401	NATIONAL INST OF HEALTH	MacKeigan, Jeffrey	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	EVALUATING A NOVEL AUTOPHAGY INHIBITOR IN KRAS-DRIVEN LUNG CANCER
212	\$627,363	NATIONAL INST OF HEALTH	Missmer, Stacey	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	INFERTILITY HISTORY AND CHRONIC DISEASE PROFILE
213	\$10,839	DARTMOUTH HITCHCOCK MEDICAL CENTER	Missmer, Stacey	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	SUBFERTILITY AND ASSISTED CONCEPTION STUDY OF PARENT AND CHILD HEALTH OUTCOMES
214	\$944,397	NATIONAL INST OF HEALTH	Missmer, Stacey	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	WHAT IS ENDOMETRIOSIS? DEEP PHENOTYPING TO ADVANCE DIAGNOSIS AND TREATMENT
215	\$13,801	FRED HUTCHINSON CANCER RESEARCH CENTER	Missmer, Stacey	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	AN AHEI DIETARY INTERVENTION TO REDUCE PAIN IN WOMEN WITH ENDOMETRIOSIS
216	\$190,256	UNIVERSITY OF MICHIGAN	Poland, Cara	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	MICHIGAN OPIOID COLLABORATIVE
217	\$520,799	NATIONAL INST OF HEALTH	Teixeira, Jose	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	PATIENT-SPECIFIC TARGETING OF UTERINE FIBROIDS

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218	\$195,625	NATIONAL INST OF CHILD HEALTH & HUMAN DEVELOPMENT	Teixeira, Jose	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	MYOMETRIAL STEM CELLS
219	\$118,660	NATIONAL CANCER INST	Wilson, Michael	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	DOES OBESITY INFLUENCE PROTEIN QUALITY CONTROL IN ENDOMETRIAL CANCER?
220	\$260,000	CASCADE HEMOPHILIA CONSORTIUM	Kulkarni, Roshni	PEDIATRICS AND HUMAN DEVELOPMENT	MSU CENTER FOR BLEEDING & CLOTTING DISORDERS - CASCADE PROGRAM SERVICES CONTRACT
221	\$8,000	HEMOPHILIA ALLIANCE	Kulkarni, Roshni	PEDIATRICS AND HUMAN DEVELOPMENT	MICHIGAN STATE UNIVERSITY CENTER FOR BLEEDING AND CLOTTING DISORDERS
222	\$378,685	NATIONAL INST OF HEALTH	Bernard, Jamie	PHARMACOLOGY & TOXICOLOGY HUMAN MEDICINE	MECHANISTIC ROLE OF OBESITY IN BENZO(A)PYRENE-INITIATED CANCER
223	\$226,997	NATIONAL INST OF HEALTH	Copple, Bryan	PHARMACOLOGY & TOXICOLOGY HUMAN MEDICINE	MACROPHAGE PHENOTYPIC MODULATORS—A NOVEL THERAPEUTIC APPROACH TO LIVER FIBROSIS TREATMENT
224	\$27,589	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Oberst, Kathleen	THE INSTITUTE FOR HEALTH POLICY	COMPREHENSIVE QUALITY STRATEGY
225	\$592,340	NATIONAL INST OF ENVIRONMENTAL HEALTH SCIENCES	Bernstein, Alison	TRANSLATIONAL NEUROSCIENCE	DIELDRIN-INDUCED DIFFERENTIAL GENE METHYLATION AND PARKINSONIAN TOXICITY
LYMAN BRIGGS COLLEGE					
226	\$77,164	NATIONAL SECURITY AGENCY	Bell, Robert	LYMAN BRIGGS DEAN	SUMMER UNDERGRADUATE RESEARCH INSTITUTE IN EXPERIMENTAL MATHEMATICS (SURIEM)
COLLEGE OF MUSIC					
227	\$9,000	CHILDRENS HOSPITAL OF MICHIGAN FOUNDATION	Woodward, Jill	COMMUNITY MUSIC SCHOOL	RAMP-UP FOR DETROIT SCHOOL OF THE ARTS
COLLEGE OF NATURAL SCIENCE					
228	\$334,914	NATIONAL INST OF HEALTH	Dickson, Alexander	BIOCHEMISTRY MOLECULAR BIOLOGY CNS	REVEALING THE LIGAND BINDING LANDSCAPE WITH ADVANCED MOLECULAR SIMULATION METHODS

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229	\$333,610	NATIONAL INST OF HEALTH	He, Jin	BIOCHEMISTRY MOLECULAR BIOLOGY CNS	EPIGENETIC MECHANISMS OF ASH1L IN TRANSCRIPTIONAL ACTIVATION
230	\$278,519	NATIONAL INST OF HEALTH	Hu, Jian	BIOCHEMISTRY MOLECULAR BIOLOGY CNS	TRANSPORT, SUBSTRATE SPECIFICITY AND REGULATION MECHANISMS OF THE ZIP TRANSITION METAL TRANSPORTERS
231	\$296,809	CAYMAN CHEMICAL CO INC	Kuo, Min	BIOCHEMISTRY MOLECULAR BIOLOGY CNS	HYPERPHOSPHORYLATED TAU AGGREGATION AND CYTOTOXICITY TEST KITS TO IDENTIFY TAUOPATHY THERAPEUTICS AND RISK FACTORS
232	\$496,721	NATIONAL INST OF HEALTH	Parent, Kristin	BIOCHEMISTRY MOLECULAR BIOLOGY CNS	BACTERIOPHAGE INTERACTIONS WITH ENTERIC PATHOGENS
233	\$452,322	NATIONAL INST OF HEALTH	Ralston, Amy	BIOCHEMISTRY MOLECULAR BIOLOGY CNS	MOLECULAR MECHANISMS REGULATING FORMATION OF DIVERSE STEM CELL PROGENITORS
234	\$20,001	NATIONAL SCIENCE FOUNDATION	TerAvest, Michaela	BIOCHEMISTRY MOLECULAR BIOLOGY CNS	CAREER: A NOVEL MICROBIAL ELECTROSYNTHESIS PLATFORM BUILT ON A MODEL ELECTRON TRANSFER PATHWAY
235	\$165,000	US DEPT OF ENERGY	Hamann, Thomas	CHEMISTRY	CONTROLLING CHARGE TRANSFER AND TRANSPORT WITH FIRST ROW TRANSITION METAL COMPLEXES
236	\$277,725	GLYCAN THERAPEUTICS	Huang, Xuefei	CHEMISTRY	SYNTHESIS OF DIVERSE HEPARAN SULFATE OLIGOSACCHARIDE LIBRARIES FOR UNDERSTANDING GLYCOSAMINOGLYCAN BIOLOGY
237	\$190,116	US DEPT OF ENERGY	McCusker, James	CHEMISTRY	SYNTHESIS AND SPECTROSCOPY OF TRANSITION METAL-BASED CHROMOPHORES: TAILORING FIRST-ROW PHOTOPHYSICS FOR APPLICATIONS IN SOLAR ENERGY CONVERSION
238	\$60,000	UNIVERSITY OF MICHIGAN	Merz, Kenneth	CHEMISTRY	CC*DNI DIBBS: MULTI-INSTITUTIONAL OPEN STORAGE RESEARCH INFRASTRUCTURE (MI-OSIRIS)
239	\$361,178	NATIONAL INST OF HEALTH	Proshlyakov, Denis	CHEMISTRY	CERAMIDE-MEDIATED MITOCHONDRIAL DAMAGE IN DIABETIC RETINOPATHY INVESTIGATED BY NOVEL MICROFLUIDIC O2 SENSING AND BIO-MIMETIC ELECTROCHEMISTRY
240	\$77,298	US DEPT OF ENERGY	Severin, Gregory	CHEMISTRY	METAL ORGANIC FRAMEWORKS FOR NOBLE GAS ISOTOPE HARVESTING AT FRIB
241	\$32,802	NATIONAL INST OF HEALTH	Sun, Liangliang	CHEMISTRY	QUANTITATIVE PROTEOMICS OF ZEBRAFISH EMBRYOS AND BLASTOMERES
242	\$343,015	NATIONAL INST OF NEUROLOGICAL DISORDERS & STROKES	Tepe, Jetze	CHEMISTRY	DEVELOPMENT OF CELLULAR HTS FOR 20S PROTEASOME ENHANCERS

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243	\$47,133	OFFICE OF NAVAL RESEARCH	Christlieb, Andrew	COMPUTATIONAL MATH SCI AND ENGR CNS	HIGH ORDER SCALABLE SOLVERS
244	\$128,521	NATIONAL SCIENCE FOUNDATION	Krishnan, Arjun	COMPUTATIONAL MATH SCI AND ENGR CNS	CAREER: ASSIGNING COMPREHENSIVE, STANDARDIZED SAMPLE ANNOTATIONS TO ENHANCE THE ABILITY TO DISCOVER, USE, AND INTERPRET MILLIONS OF -OMICS PROFILES
245	\$210,880	NATIONAL SCIENCE FOUNDATION	Munch, Elizabeth	COMPUTATIONAL MATH SCI AND ENGR CNS	COLLABORATIVE RESEARCH: AF: MEDIUM: A UNIFIED FRAMEWORK FOR GEOMETRIC AND TOPOLOGICAL SIGNATURE-BASED SHAPE COMPARISON
246	\$142,901	NATIONAL SCIENCE FOUNDATION	Perea, Jose	COMPUTATIONAL MATH SCI AND ENGR CNS	CAREER: MACHINE LEARNING, MAPPING SPACES, AND OBSTRUCTION THEORETIC METHODS IN TOPOLOGICAL DATA ANALYSIS
247	\$26,484	MICHIGAN SOYBEAN COMMITTEE	Basso, Bruno	EARTH AND ENVIRONMENTAL SCIENCES	DEVELOPMENT OF AN EARLY-DISEASE DETECTION SENSITIVITY INDEX IN SOYBEANS USING A GEOSPATIAL SYSTEMS APPROACH
248	\$19,863	OHIO STATE UNIV	Freymueller, Jeffrey	EARTH AND ENVIRONMENTAL SCIENCES	QUANTIFYING ARCTIC MASS WASTING USING ARCTICDEM
249	\$140,000	LAWRENCE LIVERMORE NATIONAL LABORATORY	Mackey, Kevin	EARTH AND ENVIRONMENTAL SCIENCES	FORMER SOVIET UNION SEISMOLOGICAL ASSISTANCE V - FY2021
250	\$376,311	NATIONAL INST OF HEALTH	Bradburd, Gideon	INTEGRATIVE BIOLOGY	INCORPORATING GEOGRAPHY INTO STATISTICAL METHODS FOR ANALYSIS OF POPULATION GENOMIC DNA
251	\$34,986	SCRIPPS RESEARCH INST	Miller, Kyle	INTEGRATIVE BIOLOGY	BIDIRECTIONAL TRANSPORT OF LYSOSOME RELATED ORGANELLES DURING SYNAPSE MAINTENANCE AND PLASTICITY
252	\$150,266	US ARMY CORPS OF ENGINEERS	Haddad, Nicholas	KELLOGG BIOLOGICAL STATION NAT SCI	MONITOR & HABITAT RESTORATION FOR ENDANGERED SAINT FRANCIS' SATYR BUTTERFLY, FORT BRAGG, NORTH CAROLINA
253	\$19,080	NATIONAL SCIENCE FOUNDATION	Robertson, GPhilip	KELLOGG BIOLOGICAL STATION NAT SCI	COLLABORATIVE RESEARCH: THE ECOLOGICAL SIGNIFICANCE OF NITROGEN FIXATION IN PERENNIAL GRASSES
254	\$98,666	NATIONAL SCIENCE FOUNDATION	Robertson, GPhilip	KELLOGG BIOLOGICAL STATION NAT SCI	NEON LTAR WORKSHOP: IDENTIFYING CONTINENT SCALE QUESTIONS AND APPROACHES FOR ADVANCING THE SUSTAINABLE INTENSIFICATION OF US AGRICULTURE
255	\$138,947	NATIONAL SCIENCE FOUNDATION	Gerhardt, Teena	MATHEMATICS	FRG: COLLABORATIVE RESEARCH: TRACE METHODS AND APPLICATIONS FOR CUT-AND-PASTE K-THEORY

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256	\$60,062	NATIONAL SCIENCE FOUNDATION	Gerhardt, Teena	MATHEMATICS	ALGEBRAIC K-THEORY, TOPOLOGICAL HOCHSCHILD HOMOLOGY, AND EQUIVARIANT HOMOTOPY THEORY
257	\$150,866	NATIONAL SCIENCE FOUNDATION	Iwen, Mark	MATHEMATICS	COLLABORATIVE RESEARCH: FAST AND LOW MEMORY EMBEDDINGS FOR TENSOR DATA WITH APPLICATIONS
258	\$438,999	NATIONAL SCIENCE FOUNDATION	Kachkovskiy, Ilya	MATHEMATICS	FRG: COLLABORATIVE RESEARCH: NON-PERTURBATIVE ANALYSIS OF MULTI-DIMENSIONAL QUASIPERIODIC PROBLEMS
259	\$116,551	NATIONAL SCIENCE FOUNDATION	Levin, Aaron	MATHEMATICS	GREATEST COMMON DIVISORS, INTEGRAL POINTS, AND DIOPHANTINE APPROXIMATION
260	\$89,009	NATIONAL SCIENCE FOUNDATION	Rapinchuk, Ekaterina	MATHEMATICS	COLLABORATIVE RESEARCH: INTEGRATING ALGEBRAIC TOPOLOGY, GRAPH THEORY, AND MULTISCALE ANALYSIS FOR LEARNING COMPLEX AND DIVERSE DATASETS
261	\$113,157	NATIONAL SCIENCE FOUNDATION	Volberg, Alexander	MATHEMATICS	COLLABORATIVE RESEARCH: WEIGHTED ESTIMATES WITH MATRIX WEIGHTS AND NON-HOMOGENEOUS HARMONIC ANALYSIS
262	\$74,359	NATIONAL INST OF HEALTH	Abramovitch, Robert	MICROBIOLOGY MOLECULAR GENETICS CNS	CHARACTERIZING NEW M. TUBERCULOSIS INHIBITORS DISCOVERED IN THE MOLECULAR LIBRARIES SMALL MOLECULE REPOSITORY
263	\$496,931	NATIONAL INST OF HEALTH	Crosson, Sean	MICROBIOLOGY MOLECULAR GENETICS CNS	MOLECULAR MECHANISMS CONTROLLING STRESS RESPONSES AND CELL ADHESION IN BACTERIA
264	\$405,329	NATIONAL INST OF HEALTH	Hausinger, Robert	MICROBIOLOGY MOLECULAR GENETICS CNS	NICKEL-PINCER NUCLEOTIDE ENZYMES
265	\$331,699	NORTHWESTERN UNIV	O'Halloran, Thomas	MICROBIOLOGY MOLECULAR GENETICS CNS	RESOURCE FOR QUANTITATIVE ELEMENTAL MAPPING FOR THE LIFE SCIENCES
266	\$657,132	NATIONAL INST OF HEALTH	Pyeon, Dohun	MICROBIOLOGY MOLECULAR GENETICS CNS	CHEMOKINE-MEDIATED ANTIGEN-SPECIFIC T CELL RESPONSES AND IMMUNOTHERAPIES TO TREAT HEAD AND NECK CANCER
267	\$230,090	OFFICE OF NAVAL RESEARCH	Reguera, Gemma	MICROBIOLOGY MOLECULAR GENETICS CNS	THE OTIC MICROBIOME AND ITS ROLE IN MIDDLE EAR DECOMPRESSION AND BAROTRAUMA PREVENTION
268	\$30,000	HOWARD HUGHES MEDICAL INST	Fata-Hartley, Cori	NATURAL SCIENCE DEAN	HHMI IE3 LEARNING GRANT GT15259
269	\$46,274	NATIONAL INST OF HEALTH	Galligan, James	NEUROSCIENCE PROGRAM	ENTERIC NEURONAL AGGREGATION OF A-SYNUCLEIN CAUSES DISRUPTION IN COLONIC NEUROTRANSMISSION AND RESULTS IN COLONIC DYSMOTILITY

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270	\$254,721	THE RESEARCH FOUNDATION FOR THE STATE UNIV OF NEW YORK	Brock, Raymond	PHYSICS ASTRONOMY	US ATLAS OPERATIONS: DISCOVERY AND MEASUREMENT AT THE ENERGY FRONTIER
271	\$119,513	US ARMY RESEARCH OFFICE	Cocker, Tyler	PHYSICS ASTRONOMY	ULTRAFAST TERAHERTZ SCANNING TUNNELING MICROSCOPY OF WEYL MATERIALS
272	\$735,414	UNIVERSITY OF WISCONSIN MADISON	DeYoung, Tyce	PHYSICS ASTRONOMY	ICECUBE GEN@ PHASE: AN ICECUBE EXTENSION FOR PREVISION NEUTRINO PHYSICS AND ASTROPHYSICS - CONTRUCTION UPGRADE
273	\$28,500	SMITHSONIAN ASTROPHYSICAL OBSERVATORY	Donahue, Megan	PHYSICS ASTRONOMY	ACCEPT 2.0: PUBLIC RELEASE & SCIENCE RESULTS
274	\$250,000	UNIVERSITY OF WISCONSIN MADISON	Grant, Darren	PHYSICS ASTRONOMY	WOU-MMA: ICECUBE DATA ANALYSIS IN THE U.S.
275	\$279,392	UNIVERSITY OF MICHIGAN	Hayden, Daniel	PHYSICS ASTRONOMY	ATLAS GREAT LAKES TIER 2 CENTER
276	\$150,000	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Maghrebi, Mohammad	PHYSICS ASTRONOMY	DRIVEN-DISSIPATIVE ARCHITECTURES: NEW ROUTES TO QUANTUM PHASES AND TECHNOLOGIES
277	\$100,000	NATIONAL SCIENCE FOUNDATION	Maghrebi, Mohammad	PHYSICS ASTRONOMY	NON-EQUILIBRIUM CRITICAL PHENOMENA IN MANY-BODY QUANTUM SYSTEMS
278	\$50,000	NATIONAL SCIENCE FOUNDATION	Pollanen, Johannes	PHYSICS ASTRONOMY	RESONANT MANY-ELECTRON DYNAMICS ON HELIUM
279	\$333,187	ASSOCIATED UNIVERSITIES INC	Schmoll, Shannon	PHYSICS ASTRONOMY	BIG ASTRONOMY IN CHILE THROUGH DOME+
280	\$102,450	COLUMBIA UNIV	Schwienhorst, Reinhard	PHYSICS ASTRONOMY	LHC HIGH LUMINOSITY UPGRADE (HL-LHC) WBS 6.06.01.02 MUON SMDT - MREFC - MSU
281	\$106,978	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Strader, Jay	PHYSICS ASTRONOMY	COMPACT BINARIES IN GALACTIC GLOBULAR CLUSTERS
282	\$20,000	JET PROPULSION LABORATORY	Zepf, Stephen	PHYSICS ASTRONOMY	COMPLETE SPECTRAL CHARACTERISATION OF A NEWLY DISCOVERED ULX
283	\$394,948	NATIONAL SCIENCE FOUNDATION	Zhang, Pengpeng	PHYSICS ASTRONOMY	PHASE TRANSFORMATION AND PROXIMITY COUPLING IN LATERAL HETEROSTRUCTURES OF METAL DICHALCOGENIDES
284	\$86,695	IASO THERAPEUTICS INC	Andrechek, Eran	PHYSIOLOGY NATURAL SCIENCE	TARGETING PREMALIGNANT BREAST CANCER USING PROPRIETARY MUTANT BACTERIOPHAGE QBETA-TUMOR ASSOCIATED MUC1 CONJUGATES

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285	\$635,304	US DEPT OF DEFENSE	Andrechek, Eran	PHYSIOLOGY NATURAL SCIENCE	AMPLIFICATION EVENTS ALTERING TUMOR MICROENVIRONMENT THAT DRIVE METASTASIS IN HER2+ BREAST CANCER
286	\$31,008	NATIONAL INST OF HEALTH	Bazil, Jason	PHYSIOLOGY NATURAL SCIENCE	MECHANISMS OF MITOCHONDRIAL ULTRASTRUCTURAL CHANGES AND METABOLIC DYSFUNCTION CAUSED BY CALCIUM OVERLOAD
287	\$12,777	OHIO STATE UNIV	Gulbransen, Brian	PHYSIOLOGY NATURAL SCIENCE	HUMAN ENTERIC GLIA: A NOVEL TARGET FOR MOTILITY AND POSTOPERATIVE ILEUS
288	\$23,974	WAYNE STATE UNIV	Lydic, Todd	PHYSIOLOGY NATURAL SCIENCE	CHRONIC STRESS, LIPIDOME PROFILES AND PRETERM BIRTH IN AFRICAN AMERICAN WOMEN
289	\$46,950	UNIVERSITY OF CALIFORNIA DAVIS	Robison, Alfred	PHYSIOLOGY NATURAL SCIENCE	NEURAL CIRCUITS MEDIATING ANXIOLYTIC EFFECTS OF OXYTOCIN RECEPTOR LIGANDS
290	\$53,799	NATIONAL INST OF HEALTH	Wang, Hongbing	PHYSIOLOGY NATURAL SCIENCE	MECHANISM UNDERLYING COGNITIVE AND SYNAPTIC FLEXIBILITY
291	\$54,744	UNIVERSITY OF MICHIGAN	Weber, Arthur	PHYSIOLOGY NATURAL SCIENCE	UM MTRAC HUB FOR LIFE SCIENCE INNOVATION (UM-MTRAC HUB) (YEAR 5)
292	\$7,600	NATIONAL SCIENCE FOUNDATION	Brudvig, Lars	PLANT BIOLOGY CNS	RESOLVING DRIVERS OF VARIATION IN GRASSLAND COMMUNITY ASSEMBLY AND RESTORATION
293	\$615,979	NATIONAL SCIENCE FOUNDATION	Childs, Kevin	PLANT BIOLOGY CNS	TRANSCRIPTIONAL AND TRANSLATIONAL REGULATION OF GENE EXPRESSION BY GENE STRUCTURE, CODON USAGE AND TRNAS IN GRASSES
294	\$3,750,000	US DEPT OF ENERGY	Benning, Christoph	PLANT RESEARCH LABORATORY NAT SCIENCE	PHOTOSYNTHETIC ENERGY CAPTURE, CONVERSION AND STORAGE: FROM FUNDAMENTAL MECHANISMS TO MODULAR ENGINEERING
295	\$391,250	NATIONAL INST OF HEALTH	Brandizzi, Federica	PLANT RESEARCH LABORATORY NAT SCIENCE	UNFOLDED PROTEIN RESPONSE IN THE MODEL SPECIES ARABIDOPSIS THALIANA
296	\$62,600	UNIVERSITY OF MICHIGAN	Hong, Hyokyoung	STATISTICS PROBABILITY	NEW STATISTICAL METHODS FOR MODELLING CANCER OUTCOMES
COLLEGE OF OSTEOPATHIC MEDICINE					
297	\$6,000	ADDEX PHARMA SA	Goudreau, John	NEUROLOGY AND OPHTHALMOLOGY COM	PHASE 2B/3, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PARALLEL-GROUP, MULTICENTER STUDY TO EVALUATE THE SAFETY AND EFFICACY OF DIPRAGLURANT (ADX48621) FOR THE TREATMENT OF DYSKINESIA IN PATIENTS..
298	\$8,000	TAKEDA PHARMACEUTICAL CO LTD	Sachdev, Amit	NEUROLOGY AND OPHTHALMOLOGY COM	A PHASE 2, RANDOMIZED, PLACEBO-CONTROLLED STUDY TO EVALUATE SAFETY, TOLERABILITY, AND EFFICACY OF TAK-079 IN PATIENTS WITH GENERALIZED MYASTHENIA GRAVIS

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299	\$20,327	EISAI INC	Sachdev, Amit	NEUROLOGY AND OPHTHALMOLOGY COM	EISAI BAN2401-G000-201 OPEN LABEL EXTENSION
300	\$9,912	AMGEN INC	Thusang, Kabelo	NEUROLOGY AND OPHTHALMOLOGY COM	A PHASE I, RANDOMIZED, OPEN-LABEL, MULTIPLE-DOSE STUDY TO EVALUATE SAFETY, TOLERABILITY, AND PHARMACOKINETICS OF AMG 334 IN CHILDREN AND ADOLESCENTS WITH MIGRAINE
301	\$1,164,752	NATIONAL INST OF ALLERGY & INFECTIOUS DISEASES	Taylor, Terrie	OSTEOPATHIC MEDICAL SPECIALTIES COM	THE INTRANSIGENCE OF MALARIA IN MALAWI: UNDERSTANDING HIDDEN RESERVOIRS, SUCCESSFUL VECTORS AND PREVENTION FAILURES
302	\$72,000	NORTHSTAR ANESTHESIA	Irfan, Furqan	OSTEOPATHIC MEDICINE DEAN	RETROSPECTIVE REVIEW OF SURGICAL OUTCOMES IN VETERANS AFFAIRS PATIENTS
303	\$350,410	NATIONAL INST OF HEALTH	Liby, Karen	PHARMACOLOGY TOXICOLOGY	NRF2, IMMUNE CELLS AND LUNG CANCER
304	\$50,000	REATA PHARMACEUTICALS	Liby, Karen	PHARMACOLOGY TOXICOLOGY	UNRESTRICTED GRANT TO SUPPORT KAREN LIBY'S RESEARCH
305	\$416,212	NATIONAL INST OF HEALTH	Tykocki, Nathan	PHARMACOLOGY TOXICOLOGY	TRPV1 MEDIATES PROGRESSIVE STRESS-INDUCED BLADDER DYSFUNCTION
306	\$724,145	NATIONAL INST OF HEALTH	Ezeamama, Amara	PSYCHIATRY OSTEOPATHIC MEDICINE	IDENTIFYING ADOLESCENTS AT HIGH RISK OF NEUROCOGNITIVE DISORDER: DEVELOPMENT AND VALIDATION OF A COMPOSITE RISK INDEX
307	\$37,971	UNIVERSITY OF ARIZONA	Sikorskii, Alla	PSYCHIATRY OSTEOPATHIC MEDICINE	POST-CHEMOTHERAPY SYMPTOM MANAGEMENT: TESTING INTERVENTION SEQUENCES IN A SMART DESIGN
COLLEGE OF SOCIAL SCIENCE					
308	\$41,239	INGHAM COUNTY CIRCUIT COURT	Cavanagh, Caitlin	CRIMINAL JUSTICE	JUVENILE RISK ASSESSMENT TEAM
309	\$306,181	RESEARCH FOUNDATION OF CUNY	Chermak, Steven	CRIMINAL JUSTICE	INVESTIGATING ROOT CAUSES OF SCHOOL VIOLENCE: A CASE CONTROL STUDY OF SCHOOL VIOLENT OFFENDERS, NON-SCHOOL YOUTH VIOLENCE OFFENDERS, AND NON-OFFENDING YOUTHS
310	\$10,000	MICHIGAN PUBLIC HEALTH INST	Krupa, Julie	CRIMINAL JUSTICE	COMPLIANCE AND DISPROPORTIONATE MINORITY CONTACT MONITORING SUPPORT
311	\$70,187	CITY OF JACKSON	Liebler, Juli	CRIMINAL JUSTICE	JACKSON POLICE DEPARTMENT - PSN
312	\$161,855	SYNOPTIC DATA CORP	Andresen, Jeffrey	GEOGRAPHY ENVIRONMENT SPATIAL SCIENCES	NATIONAL MESONET PROGRAM FOR MSU ENVIROWEATHER EFFORT

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	Amount	Sponsor	Principal Investigator/ Director	Unit	Project Title
313	\$49,374	UNIVERSITY OF ALABAMA	Bunting, Erin	GEOGRAPHY ENVIRONMENT SPATIAL SCIENCES	SPATIOTEMPORAL DYNAMICS OF HEAT WAVES ACROSS THE UNITED STATES
314	\$17,730	KBR	Roy, David	GLOBAL CHG AND EARTH OBSERVATION CTR FOR	LAND SATELLITES DATA SYSTEM (LSDS) EROS, CAL/VAL CENTER OF EXCELLENCE (ECCOE)
315	\$104,596	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Grossmann, Matthew	INST FOR PUBLIC POLICY SOCIAL RESEARCH	MICHIGAN CHEMICAL EXPOSURE MONITORING (MICHEM)
316	\$250,000	JOYCE FOUNDATION	Grossmann, Matthew	INST FOR PUBLIC POLICY SOCIAL RESEARCH	ENSURING THE SUCCESS OF MICHIGAN'S INDEPENDENT CITIZENS REDISTRICTING COMMISSION
317	\$20,000	NATIONAL ENDOWMENT FOR THE ARTS	Macdowell, Marsha	MATRIX HUM ARTS LETTERS SOC SCI ONLINE	MICHIGAN TRADITIONAL ARTS APPRENTICESHIP AND MICHIGAN HERITAGE AWARD PROGRAMS
318	\$1,400,000	THE ANDREW W MELLON FOUNDATION	Rehberger, Dean	MATRIX HUM ARTS LETTERS SOC SCI ONLINE	ENSLAVED: PEOPLES OF THE HISTORICAL SLAVE TRADE
319	\$300,000	OFFICE OF NAVAL RESEARCH	Altmann, Erik	PSYCHOLOGY SOCIAL SCIENCE	EFFECTS OF SLEEP DEPRIVATION AND INDIVIDUAL DIFFERENCES ON PROCEDURAL PLACEKEEPING
320	\$338,332	AGENCY FOR HEALTHCARE RESEARCH & QUALITY	Becker, Mark	PSYCHOLOGY SOCIAL SCIENCE	OPTIMIZING OTC LABELS FOR OLDER ADULTS: EMPIRICAL EVALUATION OF LABELS DESIGNED TO PROVIDE OLDER USERS THE INFORMATION THEY NEED TO MINIMIZE ADVERSE DRUG EVENTS
321	\$125,881	NEW YORK UNIV	Brascamp, Jan	PSYCHOLOGY SOCIAL SCIENCE	AN ADVERSARIAL COLLABORATION TO TEST PREDICTIONS OF FIRST-ORDER AND HIGHER-ORDER THEORIES OF CONSCIOUSNESS.
322	\$608,580	NATIONAL INST OF HEALTH	Burt, Alex	PSYCHOLOGY SOCIAL SCIENCE	FROM NEIGHBORHOOD DISADVANTAGE TO ANTISOCIAL BEHAVIOR: NEUROBIOLOGICAL PATHWAYS
323	\$474,706	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Campbell, Rebecca	PSYCHOLOGY SOCIAL SCIENCE	RELATIONSHIP VIOLENCE SEXUAL MISCONDUCT EDUCATION PROJECT
324	\$37,911	NATIONAL INST OF HEALTH	Carroll, Sarah	PSYCHOLOGY SOCIAL SCIENCE	THE ROLE OF ENVIRONMENTAL DISADVANTAGE IN THE ETIOLOGIC MODERATION OF CHILDREN'S ANTISOCIAL BEHAVIOR
325	\$682,814	NATIONAL INST OF HEALTH	Ingersoll, Brooke	PSYCHOLOGY SOCIAL SCIENCE	2/4: IMPROVING THE PART C EARLY INTERVENTION SERVICE DELIVERY SYSTEM FOR CHILDREN WITH ASD: A RANDOMIZED CLINICAL TRIAL
326	\$37,911	NATIONAL INST OF HEALTH	Moser, Jason	PSYCHOLOGY SOCIAL SCIENCE	ANXIETY AND WORKING MEMORY FUNCTION IN WOMEN: EXPLORING THE ROLE OF DOPAMINE AND OVARIAN HORMONES

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327	\$431,940	UNIVERSITY OF MICHIGAN	Moser, Jason	PSYCHOLOGY SOCIAL SCIENCE	NEURALLY TARGETED GROUP INTERVENTION TO REDUCE EARLY CHILDHOOD ANXIETY
328	\$91,716	NATIONAL INST OF HEALTH	Puckett, Jae	PSYCHOLOGY SOCIAL SCIENCE	MEASURE DEVELOPMENT TO ADVANCE THE SCIENTIFIC STUDY OF MINORITY STRESS IN TRANSGENDER INDIVIDUALS
329	\$66,390	NATIONAL INST OF HEALTH	Shewark, Elizabeth	PSYCHOLOGY SOCIAL SCIENCE	NEIGHBORHOOD, GENOTYPE, AND DEVELOPMENT
330	\$172,496	INGHAM COUNTY	Sullivan, Cris	PSYCHOLOGY SOCIAL SCIENCE	INGHAM COUNTY ADOLESCENT DIVERSION PROJECT
331	\$9,829	UNIVERSITY OF MICHIGAN	Thakkar, Katharine	PSYCHOLOGY SOCIAL SCIENCE	DISSECTING MECHANISMS OF ALTERED EYE GAZE PERCEPTION ACROSS PSYCHIATRIC PATIENTS WITH SOCIAL DEFICITS
332	\$240,000	MICHIGAN DEPT OF HUMAN SERVICES	Anderson, Gary	SOCIAL WORK	IN-SERVICE CLASSROOM AND ONLINE TRAINING FOR CHILD WELFARE STAFF
333	\$5,121	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Brock, Michele	SOCIAL WORK	KINSHIP SUPPORT PROGRAM
334	\$10,000	MICHIGAN PUBLIC HEALTH INST	Park, Keunhye	SOCIAL WORK	COMPLIANCE AND DISPROPORTIONATE MINORITY CONTACT MONITORING SUPPORT
335	\$28,609	GEORGIA STATE UNIV	Smith-Darden, Joanne	SOCIAL WORK	EFFECTIVENESS EVALUATION OF 'STEP UP STEP IN' (SUSI): A CAMPAIGN TO PROMOTE SOCIAL NORMS AGAINST SEXUAL VIOLENCE
336	\$80,534	WAYNE STATE UNIV	Smith-Darden, Joanne	SOCIAL WORK	CREATING PROTECTIVE ENVIRONMENTS THROUGH SCHOOL POLICY DEVELOPMENT
337	\$267,477	NATIONAL INST OF HEALTH	Liu, Hui	SOCIOLOGY SOCIAL SCIENCE	MARRIAGE, COGNITIVE TRAJECTORIES AND ADRD RISK IN LATE LIFE
COLLEGE OF VETERINARY MEDICINE					
338	\$15,000	MERCK SHARP & DOHME	Abuelo Sebio, Angel	LARGE ANIMAL CLINICAL SCIENCES	2021 MICHIGAN STATE UNIVERSITY FOOD SYSTEMS FELLOWSHIP PROGRAM
339	\$499,999	NATIONAL INST OF FOOD & AGRICULTURE	Abuelo Sebio, Angel	LARGE ANIMAL CLINICAL SCIENCES	SUMMER FOOD SYSTEMS FELLOWSHIP: DEVELOPING THE SKILLS OF THE FUTURE VETERINARY AGRICULTURAL WORKFORCE THROUGH RESEARCH AND EXTENSION INTERNSHIPS
340	\$146,837	TEXAS A&M AGRILIFE RESEARCH	Colbath, Aimee	LARGE ANIMAL CLINICAL SCIENCES	BISPHOSPHONATE PHARMACOKINETICS AND COMPREHENSIVE EFFECTS ON JUVENILE CARTILAGE, BONE GROWTH AND HEALING: IMPLICATIONS FOR ANIMAL WELFARE
341	\$139,518	NATIONAL INST OF HEALTH	Ewart, Susan	LARGE ANIMAL CLINICAL SCIENCES	INVESTIGATING DNA METHYLATION CHANGES DURING PREGNANCY AS A MECHANISM FOR ALTERING DISEASE RISK IN PAROUS WOMEN

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342	\$23,625	CSL BEHRING	Groeneveld, Dafna	PATHOBIOLOGY DIAGNOSTIC INVESTIGAT CVM	NOVEL HEMOSTATIC THERAPY TO PREVENT LIVER FAILURE AFTER LIVER RESECTION
343	\$499,828	NATIONAL INST OF HEALTH	Luyendyk, James	PATHOBIOLOGY DIAGNOSTIC INVESTIGAT CVM	NOVEL DETERMINANTS OF FIBRINOGEN PRO-REPAIR ACTIVITY IN ACETAMINOPHEN- INDUCED LIVER TOXICITY
344	\$387,500	NATIONAL INST OF HEALTH	Meek, Katheryn	PATHOBIOLOGY DIAGNOSTIC INVESTIGAT CVM	DEFINING THE MECHANISTIC BASIS OF ATM'S IMPACT ON VDJ RECOMBINATION
345	\$393,492	NATIONAL INST OF HEALTH	Petroff, Margaret	PATHOBIOLOGY DIAGNOSTIC INVESTIGAT CVM	MATERNAL CENTRAL IMMUNE TOLERANCE IN REPRODUCTION
346	\$226,969	NATIONAL INST OF HEALTH	Petroff, Margaret	PATHOBIOLOGY DIAGNOSTIC INVESTIGAT CVM	BACTERIAL MEMBRANE VESICLES AS MODULATORS OF ADVERSE PREGNANCY OUTCOMES
347	\$11,296	COMPARATIVE GASTROENTEROLOGY SOCIETY	Cridge, Harry	SMALL ANIMAL CLINICAL SCIENCES	EVALUATION OF OXIDATIVE STRESS IN CANINE ACUTE PANCREATITIS
348	\$30,000	AMER VETERINARY MEDICAL FOUNDATION	Komaromy, Andras	SMALL ANIMAL CLINICAL SCIENCES	SAFETY AND EFFICACY OF TOPICALLY ADMINISTERED LATANOPROSTENE BUNOD (VYZULTA™) IN GLAUCOMATOUS DOGS WITH ADAMTS10-OPEN-ANGLE GLAUCOMA (ADAMTS10-OAG)
349	\$608,404	NATIONAL INST OF HEALTH	Komaromy, Andras	SMALL ANIMAL CLINICAL SCIENCES	THERAPY DEVELOPMENT FOR OPEN-ANGLE GLAUCOMAS
350	\$38,266	NEWFOUNDLAND CLUB OF AMERICA	Yuzbasiyan-Gurkan, Vilma	SMALL ANIMAL CLINICAL SCIENCES	A GENOMICS APPROACH TO UNDERSTANDING NEWFOUNDLAND FORELIMB ANOMALY
351	\$10,000	MORRIS ANIMAL FOUNDATION	Yuzbasiyan-Gurkan, Vilma	SMALL ANIMAL CLINICAL SCIENCES	A GENOMICS APPROACH TO UNDERSTANDING NEWFOUNDLAND FORELIMB ANOMALY
352	\$20,000	BOEHRINGER INGELHEIM INC	Sreevatsan, Srinand	VETERINARY MEDICINE DEAN	2021 BOEHRINGER INGELHEIM VETERINARY SCHOLARS PROGRAM (BIVSP)
353	\$128,656	NATIONAL INST OF HEALTH	Yuzbasiyan-Gurkan, Vilma	VETERINARY MEDICINE DEAN	SHORT-TERM BIOMEDICAL RESEARCH TRAINING PROGRAM FOR VETERINARY STUDENTS
	FACILITY FOR RARE ISOTOPE BEAMS				
354	\$50,000	RADIABEAM TECHNOLOGIES INC	Plastun, Alexander	FACILITY FOR RARE ISOTOPE BEAMS	COMPACT RF CHOPPER FOR HIGH-ENERGY HEAVY-ION BEAMS
355	\$13,158	BROOKHAVEN NATIONAL LABORATORY	Schrock, Kenneth	FACILITY FOR RARE ISOTOPE BEAMS	BNL ARR ASSISTANCE - KEN SCHROCK

Gift, Grant and Contract Report
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	Amount	Sponsor	Principal Investigator/ Director	Unit	Project Title
356	\$600,000	US DEPT OF ENERGY	York, Richard	FACILITY FOR RARE ISOTOPE BEAMS	HIGH RIGIDITY SPECTROMETER PROJECT – FY20 TO FY22
357	\$68,826	NATIONAL SCIENCE FOUNDATION	Bogner, Scott	NAT'L SUPERCONDUCTING CYCLOTRON LAB	AB-INITIO NUCLEAR THEORY: FROM NUCLEI TO NEUTRON STARS
358	\$63,876	NATIONAL SCIENCE FOUNDATION	Brown, B	NAT'L SUPERCONDUCTING CYCLOTRON LAB	APPLICATIONS OF NUCLEAR STRUCTURE THEORY
359	\$191,000	US DEPT OF ENERGY	Chen, Jun	NAT'L SUPERCONDUCTING CYCLOTRON LAB	COMPLILATION AND EVALUATION OF NUCLEAR STRUCTURE AND DECAY DATA
360	\$15,000	INTEGRATED SENSORS LLC	Ginter, Tom	NAT'L SUPERCONDUCTING CYCLOTRON LAB	HIGH PERFORMANCE SCINTILLATOR AND BEAM MONITORING SYSTEM
361	\$275,000	US DEPT OF ENERGY	Lynch, William	NAT'L SUPERCONDUCTING CYCLOTRON LAB	ASYMMETRIC NUCLEAR MATTER UNDER EXTREME CONDITIONS
362	\$146,891	US DEPT OF ENERGY	Nazarewicz, Witold	NAT'L SUPERCONDUCTING CYCLOTRON LAB	MICROSCOPIC DESCRIPTION OF THE FISSION PROCESS
363	\$15,000	RADIATION MONITORING DEVICES INC	Zegers, Remco	NAT'L SUPERCONDUCTING CYCLOTRON LAB	ORGANIC GLASS SCINTILLATORS FOR NUCLEAR PHYSICS EXPERIMENTS
ASC PROVOST FOR ACADEMIC SERVICES					
364	\$2,563,708	US DEPT OF EDUCATION	Shipman, Rick	FINANCIAL AID	FEDERAL WORKSTUDY
365	\$40,911,660	US DEPT OF EDUCATION	Stanley, Samuel	FINANCIAL AID	CARES ACT FUNDING REQUEST FOR MSU - SUPPLEMENT (MOD 4) TO STUDENT PORTION (COVID-19)
ASC PROV FOR UNIV OUTREACH ENGAGEMENT					
366	\$350,000	MICHIGAN DEPT OF EDUCATION	Wu, Jamie	COMMUNITY EVALUATION AND RSCH COLLABRTVE	GREAT START READINESS PROGRAM EVALUATION GRANT_YEAR 4 STUDY
367	\$22,000	CORP FOR NATIONAL & COMMUNITY SERVICE AMERICORPS	Barnes Najor, Jessica	OUTREACH AND ENGAGEMENT PARTNERSHIPS	MSU STATE OPIOID PROJECT

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368	\$31,041	UNIVERSITY OF COLORADO	Barnes Najor, Jessica	OUTREACH AND ENGAGEMENT PARTNERSHIPS	TRIBAL RESEARCH CENTER FOR EARLY CHILDHOOD DEVELOPMENT AND SYSTEMS (TRECS)
369	\$15,000	MICHIGAN COUNCIL FOR ARTS & CULTURAL AFFAIRS	Brand, Michael	PERFORMING ARTS FACILITIES AND PROGRAMS	2020-2021 ACT ONE SCHOOL SERIES
INTERNATIONAL STUDIES AND PROGRAMS					
370	\$82,576	FOREIGN AGRICULTURAL SERVICE	Verter, Vedat	VISITING INTNL PROFESSIONAL PROGRAM	CFP FY21 CHINA SUPPLY CHAIN MANAGEMENT
MSU AGBIORESEARCH					
371	\$315,192	NATIONAL INST OF HEALTH	Knott, Jason	ANIMAL SCIENCE DEPARTMENT MABR	MECHANISMS OF TROPHOBLAST LINEAGE FORMATION: IMPACT ON POSTIMPLANTATION PLACENTAL DEVELOPMENT
372	\$25,500	VARIOUS INDUSTRIES	Bales, Scott	PLANT SOIL AND MICROBIAL SCIENCES	BALES PSM TESTING
373	\$7,200	NATIONAL SCIENCE FOUNDATION	Bonito, Gregory	PLANT SOIL AND MICROBIAL SCIENCES	NSFDEB-BSF: PHYLOGENOMICS OF PEZIZALES AND EVOLUTIONARY TRANSITIONS BETWEEN SAPROTROPHY AND SYMBIOSES WITH ANIMALS, PLANTS AND BACTERIA
374	\$73,550	VARIOUS INDUSTRIES	Burns, Erin	PLANT SOIL AND MICROBIAL SCIENCES	BURNS PSM TESTING
375	\$403,914	VARIOUS INDUSTRIES	Chilvers, Martin	PLANT SOIL AND MICROBIAL SCIENCES	CHILVERS PSM TESTING
376	\$22,688	UNIVERSITY OF WISCONSIN MADISON	Chilvers, Martin	PLANT SOIL AND MICROBIAL SCIENCES	MULTI-PRONGED STRATEGIES TO PROVIDE EFFICIENT, SUSTAINABLE, AND DURABLE CONTROL TO SCLEROTINIA STEM ROT
377	\$143,185	UNIVERSITY OF IDAHO	Douches, David	PLANT SOIL AND MICROBIAL SCIENCES	DEVELOPMENT OF SUSTAINABLE SYSTEM-BASED MANAGEMENT STRATEGIES FOR TWO VECTOR-BORNE, TUBER NECROTIC VIRUSES IN POTATO
378	\$52,353	VARIOUS INDUSTRIES	Douches, David	PLANT SOIL AND MICROBIAL SCIENCES	DOUCHES PSM TESTING

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379	\$9,250	VARIOUS INDUSTRIES	Frank, Kevin	PLANT SOIL AND MICROBIAL SCIENCES	FRANK PSM TESTING
380	\$93,990	VARIOUS INDUSTRIES	Hausbeck, Mary	PLANT SOIL AND MICROBIAL SCIENCES	HAUSBECK PSM TESTING
381	\$15,000	VARIOUS INDUSTRIES	Patterson, Eric	PLANT SOIL AND MICROBIAL SCIENCES	PATTERSON PSM TESTING
MICHIGAN STATE UNIVERSITY EXTENSION					
382	\$1,000,000	NATIONAL INST OF FOOD & AGRICULTURE	Jess, Lynnae	ENTOMOLOGY MSUE	NORTH CENTRAL INTEGRATED PEST MANAGEMENT CENTER (NCIPMC): A REGIONAL APPROACH TO PEST MANAGEMENT IMPLEMENTATION FY18-FY22
383	\$130,000	NORTH CENTRAL REGION SARE AT THE UNIV OF MINNESOTA	Baas, Dean	EXTENSION AGRICULTURE AND AGRIBUSINESS	MICHIGAN STATE PDP PLAN OF WORK 2021 – 2022
384	\$10,125	MICHIGAN APPLE COMMITTEE	Irish-Brown, Amy	EXTENSION AGRICULTURE AND AGRIBUSINESS	APPLE MATURITY MANIPULATION - USE OF PGR'S AND OTHER PRODUCTS
385	\$5,749	WESTERN MICHIGAN GREENHOUSE ASSOC	Jubenville, Jeremy	EXTENSION AGRICULTURE AND AGRIBUSINESS	WORKER TRAINING RESOURCES TO MITIGATE THE SPREAD OF INFECTIOUS DISEASES AT GREENHOUSES AND GARDEN CENTERS IN MI
386	\$7,181	CANDIDUS INC	Lindberg, Heidi	EXTENSION AGRICULTURE AND AGRIBUSINESS	ADVANCED LIGHTING CONTROL SYSTEM TO IMPROVE GREENHOUSES ENERGY USE EFFICIENCY AND INCREASE OPERATION PROFITABILITY
387	\$12,000	MICHIGAN APPLE COMMITTEE	Shane, William	EXTENSION AGRICULTURE AND AGRIBUSINESS	COORDINATED EVALUATION OF APPLE GERMPLASM FOR THE FRESH AND PROCESSING INDUSTRIES
388	\$128,336	NATIONAL PESTICIDE SAFETY EDUCATION CENTER	Smith, Thomas	EXTENSION AGRICULTURE AND AGRIBUSINESS	NATIONAL PESTICIDE SAFETY EDUCATION CENTER EXECUTIVE DIRECTOR
389	\$19,995	MICHIGAN SOYBEAN COMMITTEE	Staton, Michael	EXTENSION AGRICULTURE AND AGRIBUSINESS	2021 MSU EXTENSION ON-FARM RESEARCH, EDUCATION AND COMMUNICATION PROJECTS
390	\$61,655	MICHIGAN 4H FOUNDATION	DeDecker, Jacob	EXTENSION CHILDREN AND YOUTH	MICHIGAN 4H FOUNDATION COUNTY PROGRAMS

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391	\$45,404	MICHIGAN 4H FOUNDATION	DeDecker, Jacob	EXTENSION CHILDREN AND YOUTH	MICHIGAN 4H FOUNDATION COUNTY PROGRAMS
392	\$61,957	BARRY COUNTY UNITED WAY	Kilpatrick, Glenda	EXTENSION CHILDREN AND YOUTH	BARRY COUNTY MSU EXTENSION 4-H PROGRAM
393	\$43,946	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Tobe, Erica	EXTENSION CHILDREN AND YOUTH	YOUTH IN AGRICULTURE EDUCATION ON INFLUENZA AND ZOO NOTIC DISEASES 2 - 2021 PART 1
394	\$22,526	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Borgman, Mariel	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	BRIDGING THE GAP: PREPARING BUYERS FOR SAFE FARM TO INSTITUTION PURCHASING CHOICES
395	\$15,000	INDIAN LAND TENURE FOUNDATION	Ivan, David	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	FRTEP PROGRAMMING ON THE RESERVATION OF BAY MILLS AND UPPER PENINSULA BANDS
396	\$86,616	NATIONAL INST OF FOOD & AGRICULTURE	Ivan, David	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	ANISHINAABE GARDENERS, FARMERS AND STEWARDS: PROMOTING INTERGENERATIONAL HEALTH & WELL-BEING THROUGH INTEGRATED FOOD SYSTEMS AND NATURAL RESOURCE EDUCATION
397	\$69,473	PURDUE UNIV	Schroeder, Brandon	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	EXTENDING IMPACT OF U.S. EPA'S GREAT LAKES NATIONAL PROGRAM OFFICE USING SEA GRANT OUTREACH CAPACITY
398	\$92,245	UNIVERSITY OF MICHIGAN	Triezenberg, Heather	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	MICHIGAN SEA GRANT OMNIBUS FY 2018-2021
399	\$683,445	UNIVERSITY OF MICHIGAN	Triezenberg, Heather	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	MSG EXTENSION (OMNIBUS)
400	\$177,751	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Contreras, Dawn	EXTENSION HEALTH AND NUTRITION	PHYSICIAN PEER EDUCATION ON IMMUNIZATION
401	\$253,150	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Contreras, Dawn	EXTENSION HEALTH AND NUTRITION	OLDER ADULT OPIOD PREVENTION

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402	\$47,799	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Lynch, Kara	EXTENSION HEALTH AND NUTRITION	THINK FOOD SAFETY, EAT WITH YOUR NOGGIN
403	\$45,000	MICHIGAN DEPT OF MILITARY & VETERANS AFFAIRS	Bassett, Tyler	NATURAL FEATURES INVENTORY MSUE	CAMP GRAYLING PINE BARRENS VEGETATION AND RARE PLANT MONITORING
404	\$49,119	MICHIGAN DEPT OF TRANSPORTATION	Klatt, Brian	NATURAL FEATURES INVENTORY MSUE	MDOT ANNUAL ACCESS TO NATURAL HERITAGE DATABASE
405	\$30,000	USDA FOREST SERVICE	Lee, Yu Man	NATURAL FEATURES INVENTORY MSUE	HURON MANISTEE BOTANY SURVEYS - MODIFICATION FOR ZOOLOGY SURVEYSADXX
RESEARCH AND INNOVATION					
406	\$237,257	COMMUNITY FOUNDATION HOLLAND ZEELAND AREA	Guarr, Thomas	BIOECONOMY INSTITUTE	SUPPORT FOR BIOECONOMY INSTITUTE R&D DIRECTOR
407	\$175,000	ROLLIN GERSTACKER FOUNDATION	Hunt, Paul	MIDLAND ST ANDREWS	A PROPOSAL TO THE ROLLIN M. GERSTACKER FOUNDATION AND THE CHARLES J. STROSACKER FOUNDATION FOR THE 2020 AND 2021 SUPPORT OF MSU ST. ANDREWS
408	\$303,528	VARIOUS INDUSTRIES	Hasemann, Charles	MSU INNOVATION CENTER	FEE FOR SERVICE - INDUSTRY
409	\$205,000	GRAND RAPIDS SMARTZONE LOCAL DEVELOPMENT FINANCE AUTHORITY	Hasemann, Charles	MSU INNOVATION CENTER	GRAND RAPIDS GATEWAY GRANT
UNIVERSITY ADVANCEMENT					
410	\$17,413,412	VARIOUS DONORS - ADVANCEMENT	Heil, Marti	VICE PRESIDENT UNIVERSITY ADVANCEMENT	GIFTS TO MSU FOR THE PERIOD 1/1/2021 TO 3/31/2021
ADMINISTRATION					
411	\$1,466,644	VARIOUS DONORS	Woo, Melissa	MSU FOUNDATION	GIFT/GRANT TRANSFERS 10/01/2020 - 03/31/2021
FINANCE					
412	\$40,842,338	US DEPT OF EDUCATION	Frace, Lisa	CONTROLLER	CARES ACT FUNDING REQUEST FOR MSU (HEERF III) - SUPPLEMENTAL FUNDING (MOD#4) FOR THE INSTITUTION PORTION (COVID-19)

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413	\$6,462,753	VARIOUS GRANTORS	Pedawi, Evonne	SPONSORED PROGRAMS ADMIN CGA POSTAWARD	FEE FOR SERVICE - OTHER
GENERAL UNIVERSITY ITEMS					
414	\$193,153	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Weismantel, David	CENTER FOR SURVIVORS	FY 2021 SASRV-2021 - SEXUAL ASSAULT VICTIM SERVICES - 2021
MICHIGAN STATE UNIVERSITY COLLEGE OF LAW					
415	\$100,000	US DEPT OF TREASURY	Wease, Joshua	COLLEGE OF LAW DEAN	MICHIGAN STATE UNIVERSITY LOW-INCOME TAXPAYER CLINIC
VARIOUS					
416	\$139,467	VARIOUS	Various	Various	58 CONSOLIDATED GRANTS WITH INDIVIDUAL VALUES OF \$5000 OR LESS. DETAILS ON FILE IN CONTRACT & GRANT ADMINISTRATION
	\$180,333,090	Total June 2021 Board			

CONSIGNMENT/NON-CASH GIFTS
BOARD OF TRUSTEES
June 18, 2021

GIFT NO.	GIFT	DONOR	DEPARTMENT NAME	ESTIMATED VALUE	PURPOSE OR USE
1	Work of Art Ann Pibal (American, born 1969) LALALAALK, 2007 Acrylic & linseed oil on aluminum 60 x 79 inches	Charles W. Banta	Eli & Edythe Broad Art Museum	\$25,000.00	Donation to the Eli & Edythe Broad Art Museum
2-35	Various	Various	Various	\$25,323.50	34 Consolidated non-cash gifts for individual values less than \$5,000 Details on file in the Contract & Grant Administration office, Hannah Administration Bldg. 426 Auditorium Road, Room 2, East Lansing, MI 48824
			Total	\$50,323.50	