

MICHIGAN STATE
U N I V E R S I T Y

APPROVED

FEBRUARY 10, 2023

**BOARD OF TRUSTEES
MICHIGAN STATE UNIVERSITY**

January 30, 2023

MEMORANDUM

TO: Members of the Board of Trustees

FROM: Douglas A. 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 November 15, 2022, through January 11, 2023. The report is a compilation of 315 Gifts, Grants and Contracts plus 32 Consignment/Non-Cash Gifts, with a total value of \$112,771,521.



FY 2022-23 TOTALS:

- | | |
|--|---------------|
| a) Gifts, Grants and Contracts only: | \$515,000,465 |
| b) Gifts, Grants and Contracts plus Consignments: | \$515,583,742 |
| (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.
Vice President

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Current Period / Year to Date

Gift & Grant Awards

Meeting Date: 02/10/2023

Current Period: Nov 15, 2022 - Jan 11, 2023

AWARD TOTALS

Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government	\$41,954,156	\$297,055,236	89.3%
State of Michigan	\$1,472,165	\$5,100,363	1.5%
Other	\$3,076,752	\$11,833,013	3.6%
Industry/CO	\$974,545	\$5,049,542	1.5%
Foundation	\$3,354,682	\$11,665,318	3.5%
Association	\$474,115	\$2,123,923	0.6%
Research - Total	\$51,306,415	\$332,827,395	100%
Non-Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government	\$11,796,132	\$59,145,816	32.5%
State of Michigan	\$16,150,086	\$18,268,913	10.0%
Other	\$1,906,567	\$12,129,199	6.7%
Industry/CO	\$203,249	\$3,686,174	2.0%
Foundation	\$1,752,634	\$4,827,889	2.6%
Association	\$0	\$496,772	0.3%
Various Donors - Advancement	\$29,569,161	\$83,618,308	45.9%
Non-Research - Total	\$61,377,829	\$182,173,071	100%
Total			
Gift/Grant Source	Current Period	Year to Date	Amount % YTD
Federal Government	\$53,750,288	\$356,201,051	69.2%
State of Michigan	\$17,622,251	\$23,369,276	4.5%
Other	\$4,983,319	\$23,962,212	4.7%
Industry/CO	\$1,177,794	\$8,735,716	1.7%
Foundation	\$5,107,316	\$16,493,207	3.2%
Association	\$474,115	\$2,620,695	0.5%
Various Donors - Advancement	\$29,569,161	\$83,618,308	16.2%
TOTAL	\$112,684,244	\$515,000,465	100%

OF AWARDS

Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government	126	790	62.0%
State of Michigan	20	49	3.8%
Other	44	174	13.7%
Industry/CO	30	148	11.6%
Foundation	10	57	4.5%
Association	11	56	4.4%
Research - Total	241	1,274	100%
Non-Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government	33	203	52.2%
State of Michigan	7	32	8.2%
Other	11	58	14.8%
Industry/CO	6	44	11.3%
Foundation	16	42	10.7%
Association	0	8	2.0%
Various Donors - Advancement	1	3	0.8%
Non-Research - Total	74	391	100%
Total			
Gift/Grant Source	Current Period	Year to Date	Count % YTD
Federal Government	159	993	59.7%
State of Michigan	27	81	4.9%
Other	55	232	13.9%
Industry/CO	36	192	11.5%
Foundation	26	99	5.9%
Association	11	64	3.8%
Various Donors - Advancement	1	3	0.2%
TOTAL	315	1,664	100%

Current Year / Previous Year

Gift & Grant Awards

Meeting Date: 02/10/2023

Current Period: Nov 15, 2022 - Jan 11, 2023

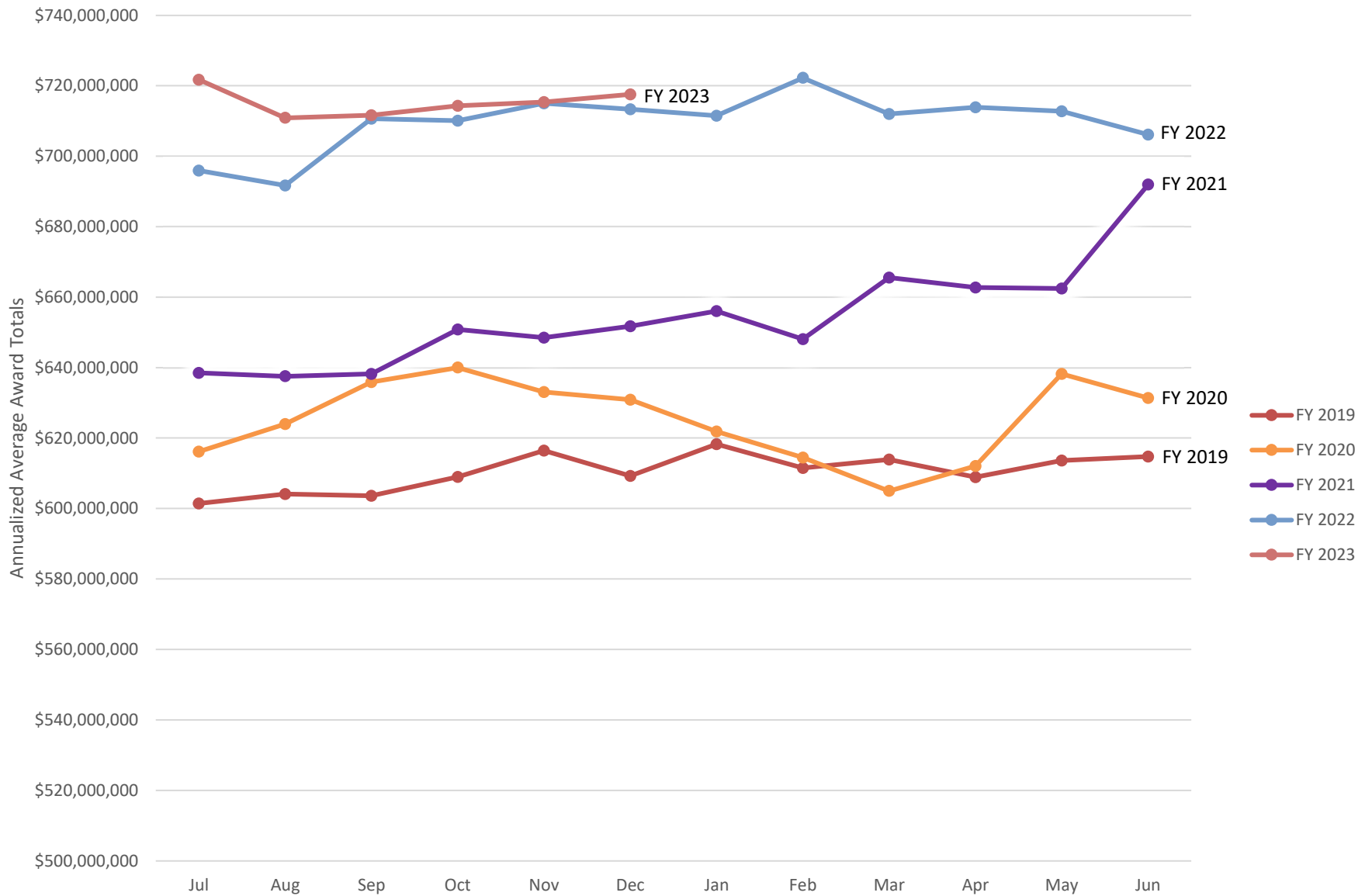
AWARD TOTALS

Research			
Gift/Grant Source	Previous YTD	Year to Date	% Change
Federal Government	\$259,720,946	\$297,055,236	14.4%
State of Michigan	\$12,289,341	\$5,100,363	-58.5%
Other	\$8,527,800	\$11,833,013	38.8%
Industry/CO	\$5,893,347	\$5,049,542	-14.3%
Foundation	\$15,508,545	\$11,665,318	-24.8%
Association	\$1,324,669	\$2,123,923	60.3%
Research - Total	\$303,264,649	\$332,827,395	9.7%
Non-Research			
Gift/Grant Source	Previous YTD	Year to Date	% Change
Federal Government	\$66,383,491	\$59,184,831	-10.8%
State of Michigan	\$5,917,249	\$18,268,913	208.7%
Other	\$14,209,290	\$12,129,199	-14.6%
Industry/CO	\$2,586,778	\$3,686,174	42.5%
Foundation	\$4,487,126	\$4,827,889	7.6%
Association	\$171,830	\$496,772	189.1%
Various Donors - Advancement	\$148,375,013	\$83,618,308	-43.6%
Non-Research - Total	\$242,130,776	\$182,212,086	-24.7%
Total			
Gift/Grant Source	Previous YTD	Year to Date	Amount % Change
Federal Government	\$326,104,437	\$356,201,051	9.2%
State of Michigan	\$18,206,590	\$23,369,276	28.4%
Other	\$22,737,090	\$23,962,212	5.4%
Industry/CO	\$8,480,125	\$8,735,716	3.0%
Foundation	\$19,995,670	\$16,493,207	-17.5%
Association	\$1,496,499	\$2,620,695	75.1%
Various Donors - Advancement	\$148,375,013	\$83,618,308	-43.6%
TOTAL	\$545,395,426	\$515,000,465	-5.6%

OF AWARDS

Research			
Gift/Grant Source	Previous YTD	Year to Date	% Change
Federal Government	773	790	2.2%
State of Michigan	59	49	-16.9%
Other	148	174	17.6%
Industry/CO	145	148	2.1%
Foundation	66	57	-13.6%
Association	74	56	-24.3%
Research - Total	1,265	1,274	0.7%
Non-Research			
Gift/Grant Source	Previous YTD	Year to Date	% Change
Federal Government	206	203	-1.0%
State of Michigan	30	32	6.7%
Other	60	58	-3.3%
Industry/CO	34	44	29.4%
Foundation	53	42	-20.8%
Association	9	8	-11.1%
Various Donors - Advancement	3	3	0.0%
Non-Research - Total	395	391	-1.0%
Total			
Gift/Grant Source	Previous YTD	Year to Date	Count % Change
Federal Government	979	993	1.5%
State of Michigan	89	81	-9.0%
Other	208	232	11.5%
Industry/CO	179	192	7.3%
Foundation	119	99	-16.8%
Association	83	64	-22.9%
Various Donors - Advancement	3	3	0.0%
TOTAL	1,660	1,664	0.3%

Michigan State University 3 Year Annualized Average Awards



Top 10 Awards for the February 10, 2023 BOT Meeting

Rank	Sponsor Type	Award Amount	Principal Investigator	Sponsor	Department	New or Modification	Award Activity Type	Project Dates	Project Title
1	Federal Government	\$15,400,000	Thomas Glasmacher	US Dept of Energy	FACILITY FOR RARE ISOTOPE BEAMS	Modification	Research	03/15/2018 01/14/2023	Facility for Rare Isotope Beams Transition to Operation and Operation as Scientific User Facility
2	State of Michigan	\$15,000,000	Alyse Ley	Michigan Dept of Education	PSYCHIATRY OSTEOPATHIC MEDICINE	New	Public Service	10/01/2022 09/30/2027	Section 97f - Cross-system Intervention
3	Federal Government	\$8,000,000	Deanna East	US Dept of Agriculture	EXTENSION HEALTH AND NUTRITION	New	Public Service	10/01/2022 09/30/2023	Supplemental Nutrition Assistance Program - Education FY2023
4	Federal Government	\$2,694,565	Stephanie Watts	National Inst of Health	PHARMACOLOGY TOXICOLOGY	Modification	Research	12/22/2021 11/30/2026	Perivascular Adipose Tissue (PVAT) as a Central Integrator of Vascular Health
5	Foundation	\$2,438,312	Dante Chinni	Robert Wood Johnson Foundation	JOURNALISM	New	Research	11/01/2022 10/31/2025	Studying American Fragmentation
6	Federal Government	\$2,071,868	Ting Xu	US Dept of Energy	FACILITY FOR RARE ISOTOPE BEAMS	Modification	Research	10/06/2021 02/28/2025	Proposal to Supply LCLS-II HE SRF Gun
7	Federal Government	\$1,275,000	Nicholas Haddad	National Science Foundation	KELLOGG BIOLOGICAL STATION NAT SCI	New	Research	12/01/2022 11/30/2028	LTER: KBS - Ecological and social mechanisms of resilience in agroecosystems
8	Federal Government	\$1,211,570	Cheryl Kerfeld	US Dept of Energy	PLANT RESEARCH LABORATORY NAT SCIENCE	New	Research	08/01/2022 07/31/2026	The Center for Catalysis in Biomimetic Confinement (CCBC)
9	Other	\$1,183,061	Shawn Turner	Corp for Public Broadcasting	BROADCASTING SERVICES	New	Public Service	10/01/2022 09/30/2024	Unrestricted 2022-24 CSG grant for WKAR-TV
10	Federal Government	\$1,096,847	Genyne Royal	US Dept of Education	STUDENT PARENT RESOURCE CENTER	New	Student Services	10/01/2022 09/30/2026	Spartan Kids-Child Care Access Means Parents in School (CCAMPIS)
	TOTAL	\$50,371,223							

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	\$100,000	ROBERT WOOD JOHNSON FOUNDATION	Carpenter, Craig	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	THE EFFECT OF SNAP POLICY ON LABOR MARKET AND HEALTH OUTCOMES
2	\$9,089	ARIZONA STATE UNIV	Rutledge, Zachariah	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	LABOR SUPPLY, DEMAND, AND BOTTLENECKS IN THE TRUCKING INDUSTRY
3	\$148,358	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Das, Narendra	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	HIGH RESOLUTION SOIL MOISTURE ALGORITHM USING THE SYNERGY OF MICROWAVE ACTIVE AND PASSIVE OBSERVATIONS FOR THE NISAR MISSION
4	\$15,511	OHIO STATE UNIV	Ghane, Ehsan	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	A DECISION-SUPPORT TOOL TO OPTIMIZE ENGINEERED DRAIN DESIGN FOR RURAL ON-SITE WASTEWATER AND URBAN STORMWATER TREATMENT SYSTEMS
5	\$27,720	ROQUETTE AMERICA INC	Liu, Yan	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	INVESTIGATE THE EFFECTS OF SOLULYS ON POTATO PRODUCTION AND PEST CONTROL IN FIELD TRIALS
6	\$55,692	FORD MOTOR CO	Morris, Daniel	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	002044-MSU
7	\$40,000	USDA FOREST SERVICE	Perry, Elizabeth	DEPARTMENT OF COMMUNITY SUSTAINABILITY	MANISTEE RIVER LOOP TRAIL SUSTAINABILITY ASSESSMENT
8	\$65,067	KANSAS STATE UNIV	Perry, Elizabeth	DEPARTMENT OF COMMUNITY SUSTAINABILITY	RESEARCH TO INFORM VISITOR USE MANAGEMENT AND PLANNING AT GEORGE WASHINGTON MEMORIAL PARKWAY
9	\$8,385	THE RESEARCH FOUNDATION FOR THE STATE UNIV OF NEW YORK	Perry, Elizabeth	DEPARTMENT OF COMMUNITY SUSTAINABILITY	TRAIL FORKS AND MERGES: EXPLORING SOCIAL IMPACTS FROM RECREATIONAL MOUNTAIN BIKING IN NORTHERN FOREST COMMUNITIES
10	\$63,000	ASSOC FOR STATE PUBLIC HEALTH NUTRITIONISTS	Shedd, Meagan	DEPARTMENT OF COMMUNITY SUSTAINABILITY	YEAR 3 FARM TO ECE IMPLEMENTATION GRANT (FIG)
11	\$9,466	UNIVERSITY OF ILLINOIS	Zwickle, Adam	DEPARTMENT OF COMMUNITY SUSTAINABILITY	SUSTAINING ECOSYSTEM SERVICES IN AGRICULTURAL LANDSCAPES THROUGH A BETTER UNDERSTANDING OF DECISION-SUPPORT SYSTEMS

Gift, Grant and Contract Report
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	Amount	Sponsor	Principal Investigator/ Director	Unit	Project Title
12	\$10,000	OHIO STATE UNIV	Difonzo, Christina	ENTOMOLOGY AGRICULTURE AND NATURAL RES	RESEARCH AND EXTENSION ON EMERGING SOYBEAN PESTS IN THE NORTH CENTRAL REGION (YEAR 2)
13	\$234,992	UNIVERSITY OF MAINE	Isaacs, Rufus	ENTOMOLOGY AGRICULTURE AND NATURAL RES	ON-FARM INTEGRATION OF ORGANIC MANAGEMENT OF SPOTTED-WING DROSOPHILA IN FRUIT CROPS
14	\$45,527	IOWA STATE UNIV	Jess, Lynnae	ENTOMOLOGY AGRICULTURE AND NATURAL RES	NORTH CENTRAL INTEGRATED PEST MANAGEMENT (NCIPMC): A REGIONAL APPROACH TO PEST MANAGEMENT IMPLEMENTATION
15	\$29,412	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Milbrath, Meghan	ENTOMOLOGY AGRICULTURE AND NATURAL RES	MICHIGAN MANAGED POLLINATOR PROTECTION PLAN
16	\$19,070	MICHIGAN WHEAT PROGRAM	Quintanilla Tornel, Marisol	ENTOMOLOGY AGRICULTURE AND NATURAL RES	DETERMINING THE HOST STATUS AND SUSCEPTIBILITY OF MICHIGAN WHEAT VARIETIES TO THREE PLANT-PARASITIC NEMATODE PESTS
17	\$97,862	MICHIGAN ASPARAGUS RESEARCH COMMITTEE	Szendrei, Zsafia	ENTOMOLOGY AGRICULTURE AND NATURAL RES	DEVELOPING A SUSTAINABLE ASPARAGUS BEETLE MANAGEMENT PROGRAM FOR THE MICHIGAN ASPARAGUS INDUSTRY
18	\$86,742	MICHIGAN CARROT COMMITTEE	Szendrei, Zsafia	ENTOMOLOGY AGRICULTURE AND NATURAL RES	ASTER YELLOWS DETECTION IN LEAFHOPPERS TO IMPROVE SUSTAINABLE CROP MANAGEMENT
19	\$277,000	USDA FOREST SERVICE	Ziegler, Amos	ENTOMOLOGY AGRICULTURE AND NATURAL RES	NATIONAL SLOW THE SPREAD OF THE SPONGY MOTH PROJECT: NORTHERN REGIONAL DATABASE NODE
20	\$183,834	MICHIGAN DEPT OF NATURAL RESOURCES	Bence, James	FISHERIES AND WILDLIFE	USING POPULATION AND COMMUNITY DYNAMIC MODELS AND QUANTITATIVE FISHERIES ANALYSIS TO PROMOTE IMPROVED FISHERIES MANAGEMENT IN THE GREAT LAKES. DR. JAMES BENCE PERM AGREEMENT FOR FY2020
21	\$44,512	FOOD & AGRICULTURE ORGANIZATION OF THE UNITED NATIONS	Bennett, Abigail	FISHERIES AND WILDLIFE	INLAND FISHERIES ECOSYSTEM SERVICES AND CLIMATE CHANGE
22	\$81,112	GREAT LAKES FISHERY COMMISSION	Brenden, Travis	FISHERIES AND WILDLIFE	PERM SALARY FOR TRAVIS BRENDEN
23	\$42,038	GREAT LAKES FISHERY COMMISSION	Brenden, Travis	FISHERIES AND WILDLIFE	GLFC SUPPORT FOR QFC
24	\$50,000	MICHIGAN DEPT OF NATURAL RESOURCES	Brenden, Travis	FISHERIES AND WILDLIFE	RELATIVE DEMAND MODELS TO INFORM DECISION-MAKING ON POTENTIAL CORMORANT IMPACTS TO FISHERIES

Gift, Grant and Contract Report
Board of Trustees
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	Amount	Sponsor	Principal Investigator/ Director	Unit	Project Title
25	\$84,273	MICHIGAN DEPT OF NATURAL RESOURCES	Hayes, Daniel	FISHERIES AND WILDLIFE	POPULATION DYNAMICS AND ASSESSMENT IN MICHIGAN INLAND LAKES AND STREAMS. DR. HAYES PERM SALARY FOR FY 2020.
26	\$6,999	MICHIGAN DEPT OF NATURAL RESOURCES	Infante, Dana	FISHERIES AND WILDLIFE	EFFECTS OF FLOW REDUCTION ON THERMAL DYNAMICS OF STREAMS: IMPROVING AN IMPORTANT LINK IN MICHIGAN'S WATER WITHDRAWAL ASSESSMENT TOOL (WWAT)
27	\$45,109	MICHIGAN DEPT OF NATURAL RESOURCES	Infante, Dana	FISHERIES AND WILDLIFE	INVESTIGATION OF WATERSHED INFLUENCES, RIPARIAN CONDITION, AND INSTREAM HABITAT DYNAMICS ON STREAM FISH COMMUNITIES: DR. INFANTE PERM AGREEMENT FY 2019
28	\$141,618	MICHIGAN DEPT OF NATURAL RESOURCES	Infante, Dana	FISHERIES AND WILDLIFE	SUPPORT FOR REVISION OF STATE WILDLIFE ACTION PLAN
29	\$8,345	UNIVERSITY OF MISSOURI	Infante, Dana	FISHERIES AND WILDLIFE	MODELING WATER QUALITY AND IN-STREAM BIOLOGICAL ENDPOINTS OF AGRICULTURAL CONSERVATION IN THE MISSISSIPPI RIVER BASIN
30	\$280,000	MICHIGAN DEPT OF NATURAL RESOURCES	Loch, Thomas	FISHERIES AND WILDLIFE	DEVELOPMENT AND IMPLEMENTATION OF A FISH HEALTH INITIATIVE FOR MICHIGAN INLAND AND GREAT LAKES FISHERIES
31	\$12,706	MICHIGAN DEPT OF NATURAL RESOURCES	Murphy, Cheryl	FISHERIES AND WILDLIFE	PFAS IN THE HURON RIVER WATERSHED: TRANSPORT AND UPTAKE BY AQUATIC ORGANISMS
32	\$71,316	MICHIGAN DEPT OF NATURAL RESOURCES	Roth, Brian	FISHERIES AND WILDLIFE	FOOD WEB DYNAMICS IN MICHIGAN'S GREAT LAKES AND INLAND LAKES. DR. BRIAN ROTH PERM SALARY FOR FY 2020.
33	\$263,973	MICHIGAN DEPT OF NATURAL RESOURCES	Scribner, Kim	FISHERIES AND WILDLIFE	REHABILITATION OF LAKE STURGEON POPULATIONS IN MICHIGAN
34	\$17,979	UNIVERSITY OF MICHIGAN	Taylor, William	FISHERIES AND WILDLIFE	MICHIGAN SEA GRANT OMNIBUS FY 2022-2023
35	\$349,423	GREAT LAKES FISHERY COMMISSION	Vandergoot, Christopher	FISHERIES AND WILDLIFE	PERM SALARY: THOMAS BINDER, TODD HAYDEN & NANCY NATE
36	\$145,000	GREENACRES FOUNDATION	Fenton, Jenifer	FOOD SCIENCE AND HUM NUTRITION ANR	BEEF PHYTOCHEMICAL/PHENOL SECONDARY ANALYSIS
37	\$581,297	NATIONAL INST OF HEALTH	Pestka, James	FOOD SCIENCE AND HUM NUTRITION ANR	ROLE OF ALVEOLAR MACROPHAGE IN OMEGA-3 FATTY ACID AMELIORATION OF SILICA-TRIGGERED AUTOIMMUNITY.
38	\$50,000	CHERRY MARKETING INST	Tucker, Robin	FOOD SCIENCE AND HUM NUTRITION ANR	DISRUPTING THE VICIOUS CYCLE: EFFECTS OF MONTMORENCY TART CHERRY SUPPLEMENTATION ON SLEEP AND INFLAMMATION AMONG INDIVIDUALS WITH OVERWEIGHT AND OBESITY
39	\$20,000	NORTHARVEST BEAN GROWERS ASSOCIATION	Turner, Nancy	FOOD SCIENCE AND HUM NUTRITION ANR	CHEMOPREVENTION OF OBESITY-RELATED COLON CANCER WITH POLYPHENOL-RICH DRIED BEANS

Gift, Grant and Contract Report
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	Amount	Sponsor	Principal Investigator/ Director	Unit	Project Title
40	\$15,000	AMERICAN FOREST FOUNDATION	Cooper, Lauren	FORESTRY	FCVP VIDEO CONTENT FOR THE FAMILY FOREST CARBON PROGRAM
41	\$29,645	UNIVERSITY OF MARYLAND	Skole, David	FORESTRY	NASA LAND COVER LAND USE CHANGE (LCLUC) PROJECT COMMUNITY SUPPORT
42	\$16,000	BASF CORP	Chaudhari, Sushila	HORTICULTURE ANR	UNRESTRICTED GIFT IN SUPPORT VEGETABLE WEED RESEARCH
43	\$8,250	PICKLE PACKERS INTL INC	Chaudhari, Sushila	HORTICULTURE ANR	UNRESTRICTED GIFT IN SUPPORT VEGETABLE WEED RESEARCH
44	\$9,900	MICHIGAN ASPARAGUS RESEARCH INC	Hayden, Zachary	HORTICULTURE ANR	UNRESTRICTED GIFT IN SUPPORT OF VEGETABLE RESEARCH
45	\$13,000	FRED C GLOECKNER FOUNDATION	Lopez, Roberto	HORTICULTURE ANR	DEVELOPING PRODUCTION PROTOCOLS FOR QUICK CROPPING OF CONTAINERIZED
46	\$80,470	MICHIGAN GREENHOUSE GROWERS	Lopez, Roberto	HORTICULTURE ANR	USING GREENHOUSE LIGHTING TO LIMIT LOSSES FROM DOWNY MILDEW ON BEDDING PLANT IMPATIENS
47	\$10,000	OHP INC	Saha, Debalina	HORTICULTURE ANR	UNRESTRICTED GIFT IN SUPPORT OF WEED MANAGEMENT RESEARCH
48	\$307,088	CARNEGIE INSTITUTION FOR SCIENCE	VanBuren, Robert	HORTICULTURE ANR	BII: LIFE WITHOUT WATER: PROTECTING MACROMOLECULES, CELLS, AND ORGANISMS DURING DESICCATION AND REHYDRATION ACROSS KINGDOMS OF LIFE
49	\$198,114	NATIONAL SCIENCE FOUNDATION	Yang, Qiang	PACKAGING	COLLABORATIVE RESEARCH: LOW-ENERGY TANDEM PROCESS FOR FRACTIONATION AND REVERSIBLE PRESERVATION OF LIGNOCELLULOSE USING MULTIFUNCTIONAL ALDEHYDE SULFONIC ACIDS
50	\$96,322	MICHIGAN CARROT COMMITTEE	Hausbeck, Mary	PLANT SOIL AND MICROBIAL SCIENCES	A DEEP-ROOTED PROBLEM: ADDRESSING A NEW DISEASE IN MICHIGAN CARROTS
51	\$79,607	GINSENG BOARD OF WISCONSIN	Hausbeck, Mary	PLANT SOIL AND MICROBIAL SCIENCES	DEVELOP AND EXTEND FUNGICIDE PROGRAMS TO MEET THE MAXIMUM RESIDUE LIMITS FOR DRIED GINSENG EXPORTS
52	\$93,210	GINSENG BOARD OF WISCONSIN	Hausbeck, Mary	PLANT SOIL AND MICROBIAL SCIENCES	RUSTY ROOT
53	\$96,486	MICHIGAN VEGETABLE COUNCIL	Hausbeck, Mary	PLANT SOIL AND MICROBIAL SCIENCES	TESTING NEW WAYS TO MONITOR AND MANAGE CUCURBIT DOWNY MILDEW
54	\$94,050	AGRICULTURAL RESEARCH SERVICE	Horgan, Brian	PLANT SOIL AND MICROBIAL SCIENCES	ACQUISITION OF GOODS AND SERVICES

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	Amount	Sponsor	Principal Investigator/ Director	Unit	Project Title
55	\$20,000	INTL POTATO CENTER	Isaacs, Krista	PLANT SOIL AND MICROBIAL SCIENCES	COLLECTIVE ACTION AND SEED PRODUCTION: A PATHWAY FOR WOMEN'S EMPOWERMENT AND COMMUNITY SEED SECURITY
56	\$167,685	OREGON STATE UNIV	Lebeis, Sarah	PLANT SOIL AND MICROBIAL SCIENCES	IDENTIFYING PLANT GENES ASSOCIATED WITH BENEFICIAL FOLIAR YEASTS IN POPULUS TRICHOCARPA
57	\$25,000	CTIA WIRELESS FOUNDATION	Miesel, Jessica	PLANT SOIL AND MICROBIAL SCIENCES	CLIMATE-ADAPTIVE FOREST MANAGEMENT: RESEARCH INFORMED BY WIRELESS TECHNOLOGY
58	\$99,000	HOP GROWERS OF MICHIGAN	Miles, Timothy	PLANT SOIL AND MICROBIAL SCIENCES	ADVANCING CONTROL AND MITIGATION STRATEGIES FOR AN EMERGING HOP DISEASE IN MICHIGAN
59	\$32,500	ORO AGRI	Miles, Timothy	PLANT SOIL AND MICROBIAL SCIENCES	TESTING OF ORO AGRI PRODUCTS
60	\$10,000	US GOLF ASSOC	Nikolai, Thomas	PLANT SOIL AND MICROBIAL SCIENCES	GIFT TO SUPPORT TURFGRASS RESEARCH
61	\$83,337	MICHIGAN WHEAT PROGRAM	Olson, Eric	PLANT SOIL AND MICROBIAL SCIENCES	DEVELOPING SOFT WINTER WHEAT VARIETIES FOR MICHIGAN, 2023
62	\$74,266	MICHIGAN WHEAT PROGRAM	Olson, Eric	PLANT SOIL AND MICROBIAL SCIENCES	IMPROVED METHODS FOR ASSESSING PREHARVEST SPROUTING AND APPLICATIONS IN RESISTANT VARIETY DEVELOPMENT
63	\$36,285	MICHIGAN WHEAT PROGRAM	Pennington, Dennis	PLANT SOIL AND MICROBIAL SCIENCES	2023 HIGH MANAGEMENT TESTING OF MICHIGAN WHEAT VARIETIES
64	\$12,818	MICHIGAN WHEAT PROGRAM	Pennington, Dennis	PLANT SOIL AND MICROBIAL SCIENCES	MI WHEAT 2021 - 2022 PROGRAM OF WORK
65	\$100,000	MIDWEST NUT PRODUCERS COUNCIL	Sakalidis, Monique	PLANT SOIL AND MICROBIAL SCIENCES	DEVELOPMENT AND DISSEMINATION OF PRACTICAL METHODS THAT PROTECT MICHIGAN'S CHESTNUT YIELDS FROM BROWN ROT.
66	\$45,177	MICHIGAN WHEAT PROGRAM	Singh, Maninderpal	PLANT SOIL AND MICROBIAL SCIENCES	EVALUATING THE ROLE OF SEED PLACEMENT AND PLANTING STRATEGIES IN OPTIMIZING YIELD, QUALITY, AND PROFITABILITY IN WINTER WHEAT

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	Amount	Sponsor	Principal Investigator/ Director	Unit	Project Title
67	\$20,000	PURDUE UNIV	Sprague, Christy	PLANT SOIL AND MICROBIAL SCIENCES	TAKE ACTION - MULTI STATE WEED SCIENCE EXTENSION PROJECT
68	\$34,000	PURDUE UNIV	Sprague, Christy	PLANT SOIL AND MICROBIAL SCIENCES	REDUCING RISK IN SOYBEAN PRODUCTION BY BUILDING SUSTAINABILITY IN THE BEST MANAGEMENT PRACTICES FOR HERBICIDE-RESISTANT WEEDS
69	\$43,562	MICHIGAN WHEAT PROGRAM	Steinke, Kurt	PLANT SOIL AND MICROBIAL SCIENCES	FERTILIZER, FUNGICIDE, AND FOOD: IMPROVING YIELD, STRAW, AND QUALITY.
70	\$60,735	UNIVERSITY OF FLORIDA	Thompson, Addie	PLANT SOIL AND MICROBIAL SCIENCES	SWEETCAP: INTEGRATED TECHNOLOGIES TO IMPROVE SWEET CORN BREEDING, PRODUCTION AND MARKETABILITY
71	\$47,250	AGRICULTURAL RESEARCH SERVICE	Wang, Dechun	PLANT SOIL AND MICROBIAL SCIENCES	INCREASING THE VALUE OF U.S. SOYBEAN BY COMBINING HIGH MEAL PROTEIN, HIGH YIELD AND OTHER VALUABLE TRAITS UTILIZING GENETIC DIVERSITY, BREEDING, AND GENOMIC TOOLS
72	\$60,000	OHIO STATE UNIV	Wang, Dechun	PLANT SOIL AND MICROBIAL SCIENCES	DEVELOPING THE PERFECT MOLECULAR MARKERS AND NEW GERMPLASM FOR RAPID INCORPORATION OF RESISTANCE TO SOIL BORNE PATHOGENS IN SOYBEAN
COLLEGE OF ARTS AND LETTERS					
73	\$79,583	MAKERERE UNIVERSITY	Smith, Trixie	ARTS AND LETTERS WRITING CENTER	TOWARDS A RESEARCH LED UNIVERSITY STRENGTHENING MAKERERE UNIVERSITY'S RESEARCH GRANT WRITING AND PUBLICATION CAPACITY
74	\$8,705	MICHIGAN HUMANITIES COUNCIL	White, Ann	THEATRE	THE ART AND SCIENCE BEHIND CHARLOTTE'S WEB
ELI BROAD COLLEGE OF BUSINESS					
75	\$177,433	MICHIGAN ECONOMIC DEVELOPMENT CORP	Kirca, Ahmet	INTERNATIONAL BUSINESS CENTER	MEDC INTERNATIONAL TRADE SERVICES 2022-2027 5 YR PROPOSAL WITH ANNUAL EXTENSIONS
COLLEGE OF COMMUNICATION ARTS SCIENCES					
76	\$66,398	CORP FOR PUBLIC BROADCASTING	Turner, Shawn	BROADCASTING SERVICES	2022-24 USSG RURAL SERVICES GRANT FOR WKAR-TV
77	\$1,183,061	CORP FOR PUBLIC BROADCASTING	Turner, Shawn	BROADCASTING SERVICES	UNRESTRICTED 2022-24 CSG GRANT FOR WKAR-TV
78	\$164,802	CORP FOR PUBLIC BROADCASTING	Turner, Shawn	BROADCASTING SERVICES	UNRESTRICTED CSG FUNDING FOR WKAR RADIO 2022-24
79	\$58,478	CORP FOR PUBLIC BROADCASTING	Turner, Shawn	BROADCASTING SERVICES	RESTRICTED CSG GRANT FOR WKAR RADIO 2022-24

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80	\$21,287	CORP FOR PUBLIC BROADCASTING	Turner, Shawn	BROADCASTING SERVICES	2022 CPB INTERCONNECT GRANT FOR WKAR-TV
81	\$12,150	MICHIGAN ARTS & CULTURE COUNCIL	Allen, JeanaDee	COMMUNICATION ARTS AND SCIENCES DEAN	STREET TEAMS SHARING SKILLS HELPING NONPROFITS
82	\$637,310	NATIONAL INST OF HEALTH	Deliyski, Dimitar	COMMUNICATIVE SCIENCES DISORDERS CAS	TOWARDS PRECISION ASSESSMENT OF DYSPHONIC SPEECH: FROM VOCAL FOLD PHYSIOLOGY TO PERCEPTION
83	\$57,827	BRIGHAM YOUNG UNIV	Hunter, Eric	COMMUNICATIVE SCIENCES DISORDERS CAS	IMAGING AND INFLUENCE OF GLOTTIC AND SUBGLOTTIC ANATOMY IN HEALTHY AND STENOTIC PATIENTS
84	\$2,438,312	ROBERT WOOD JOHNSON FOUNDATION	Chinni, Dante	JOURNALISM	STUDYING AMERICAN FRAGMENTATION
85	\$7,000	COMMUNITY FOUNDATION FOR SOUTHEAST MICHIGAN	Grimm, Joseph	JOURNALISM	COMMUNITY VIDEO NEWS AND THE CELLPHONE SOLUTION
86	\$150,000	CHARLES STEWART MOTT FOUNDATION	Poulson, David	JOURNALISM	DIVERSITY IN ENVIRONMENTAL JOURNALISM
87	\$14,965	MICHIGAN HUMANITIES COUNCIL	Zeldes, Geraldine	JOURNALISM	JACKIE KALLEN AKA "THE FIRST LADY OF BOXING"
COLLEGE OF EDUCATION					
88	\$15,450	WESTERN MICHIGAN UNIV	Beverly, Bryan	CED OUTREACH	WESTERN MICHIGAN UNIVERSITY HIL PROJECT - GRAND RAPIDS SOUTHEAST PROMISE NEIGHBORHOOD
89	\$295,000	CHARLES STEWART MOTT FOUNDATION	Beverly, Bryan	CED OUTREACH	COMPREHENSIVE SYSTEM FOR RAPID DISTRICT INTERVENTION FOR FLINT COMMUNITY SCHOOLS-YEAR 8
90	\$170,000	WILLIAM T GRANT FOUNDATION	Carter Andrews, Dorinda	CED OUTREACH	RACIAL EQUITY IN DISCIPLINE FOR BLACK STUDENTS
91	\$29,728	PUBLIC POLICY ASSOCIATES	Gardner, Jacqueline	CED OUTREACH	EDUCATOR WORKFORCE PROJECT
92	\$188,906	MICHIGAN CENTER FOR RURAL HEALTH	Umucu, Emre	COUNSELING, EDUC PSYCH & SPEC EDUC	IMPROVING RURAL ENROLLMENT, ACCESS, AND HEALTH IN RURAL VETERANS (I-REACH)
93	\$120,000	UNIVERSITY OF WISCONSIN	Umucu, Emre	COUNSELING, EDUC PSYCH & SPEC EDUC	INCREASING STATE VOCATIONAL REHABILITATION AGENCY CAPACITY TO PLACE PERSONS WITH DISABILITIES IN HIGH QUALITY EMPLOYMENT SETTINGS
94	\$76,000	DETROIT PUBLIC SCHOOLS	Miller, Cory	CREATE FOR STEM	DETROIT PS PROFESSIONAL DEVELOPMENT - MODIFICATION 005

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95	\$136,220	VARIOUS SCHOOLS	Markle, Barbara	EDUCATION DEAN	K-12 SCHOOL IMPROVEMENT TRAINING
96	\$34,990	AMER INSTS FOR RESEARCH	Strunk, Katharine	EDUCATION POLICY CENTER	AIR/CALDER - JOYCE FOUNDATION
97	\$19,141	UNIVERSITY OF MARYLAND BALTIMORE COUNTY	Gonzales, Leslie	EDUCATIONAL ADMINISTRATION	NSF INCLUDES ALLIANCE: REIMAGINING STEM EQUITY WITH URM POSTDOCTORAL PATHWAYS (RISE UPP)
98	\$33,534	US TENNIS ASSOC	Roth, Jennifer	KINESIOLOGY - ED	EXPLORING THE INTEGRATION OF PICKLEBALL AND TENNIS
99	\$66,994	HARVARD UNIV	Al-Adeimi, Shireen	TEACHER EDUCATION	PRACTICAL TOOLS FOR LARGE-SCALE EVALUATION OF TEXT DATA IN RANDOMIZED TRIALS IN EDUCATION
100	\$20,686	UNIVERSITY OF CONNECTICUT	Gotwals, Amelia	TEACHER EDUCATION	THE IMPACTS OF EARLY CHILDHOOD SCIENCE, TECHNOLOGY, AND ENGINEERING INTERVENTIONS ON STUDENT LEARNING AND CLASSROOM INSTRUCTION: A META-ANALYSIS
COLLEGE OF ENGINEERING					
101	\$240,000	GENERAL MOTORS CORP	Fang, Chengcheng	CHEMICAL ENGINEERING AND MATERIALS SCI	ELECTROLYTE DEVELOPMENT FOR LITHIUM METAL BASED CELLS
102	\$193,687	MINNESOTA DEPT OF TRANSPORTATION	Cetin, Bora	CIVIL AND ENVIRONMENTAL ENGINEERING	EVALUATION OF GRAVEL STABILIZER USED ON GRAVEL ROADS AND GRAVEL SHOULDERS
103	\$84,997	MINNESOTA DEPT OF TRANSPORTATION	Cetin, Bora	CIVIL AND ENVIRONMENTAL ENGINEERING	A SYNTHESIS OF USAGE AND PERFORMANCE OF DAYLIGHTED BASES IN COMPARISON TO EDGE DRAINS
104	\$49,752	FORD MOTOR CO	Zockaie, Ali	CIVIL AND ENVIRONMENTAL ENGINEERING	002027-MSU0187
105	\$238,750	NATIONAL INST OF HEALTH	Ravishankar, Saiprasad	COMPUTATIONAL MATH SCI AND ENGR EGR	MACHINE LEARNING-BASED ADAPTATION OF DATA SAMPLING AND RECONSTRUCTION FOR EFFICIENT DYNAMIC MRI
106	\$249,962	OFFICE OF NAVAL RESEARCH	Kong, Yu	COMPUTER SCIENCE AND ENGINEERING	VISUAL ANALYTICS FOR THREAT ACTION DETECTION, PRECOGNITION, AND JUSTIFICATION
107	\$20,000	BRITISH PETROLEUM	Siegel, Josh	COMPUTER SCIENCE AND ENGINEERING	ACOUSTIC ENGINE IDENTIFICATION AND VEHICLE DIAGNOSTICS
108	\$69,110	CISCO SYSTEMS	Yan, Qiben	COMPUTER SCIENCE AND ENGINEERING	BUILDING AI-DRIVEN REPAIRABLE SECURE IOT PLATFORMS

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109	\$100,000	GEORGE MASON UNIV	Zeng, Huacheng	COMPUTER SCIENCE AND ENGINEERING	SECURELY OPERATING THROUGH 5G INFRASTRUCTURE
110	\$200,000	GEORGE MASON UNIV	Zeng, Huacheng	COMPUTER SCIENCE AND ENGINEERING	SPECTRUM-EFFICIENT, BEAM-AGILE, INTERFERENCE-RESILIENT MILLIMETER WAVE COMMUNICATIONS WITH RECONFIGURABLE ANTENNAS AND INTELLIGENT SURFACES
111	\$183,000	GREAT LAKES CRYSTAL TECHNOLOGIES INC	Baryshev, Sergey	ELECTRICAL AND COMPUTER ENGINEERING	LARGE DIFFRACTION-GRADE SINGLE CRYSTAL DIAMOND FOR APPLICATIONS AT NEW GENERATION SYNCHROTRON AND FEL X-RAY SOURCES
112	\$25,400	MICHIGAN ALZHEIMERS DISEASE RESEARCH CENTER	Li, Tongtong	ELECTRICAL AND COMPUTER ENGINEERING	ANALYZING BRAIN INFORMATION PROCESSING CAPACITY AND CONNECTIVITY IN PATIENTS WITH MILD COGNITIVE IMPAIRMENT"
113	\$42,217	FRAUNHOFER USA	Li, Wen	ELECTRICAL AND COMPUTER ENGINEERING	FRAUNHOFER CENTER RENEWAL
114	\$54,648	RIVERSIDE RESEARCH	Nanzer, Jeffrey	ELECTRICAL AND COMPUTER ENGINEERING	COMPUTATIONAL ELECTROMAGNETICS, OPTICS AND DISTRIBUTED RADAR
115	\$30,000	TOYOTA MOTOR CORP	Tan, Xiaobo	ELECTRICAL AND COMPUTER ENGINEERING	PVC GEL ACTUATORS
116	\$395,926	NATIONAL INST OF HEALTH	Aguirre, Aitor	INSTITUTE FOR QUANTITATIVE HEALTH	OXYLIPIN SIGNALING IN CONGENITAL HEART DISEASE
117	\$169,692	GLADIATOR BIOSCIENCES	Contag, Christopher	INSTITUTE FOR QUANTITATIVE HEALTH	MATERIALS TRANSFER AGREEMENT
118	\$312,321	NATIONAL INST OF HEALTH	Purcell, Erin	INSTITUTE FOR QUANTITATIVE HEALTH	STRUCTURAL AND FUNCTIONAL PLASTICITY SURROUNDING IMPLANTED NEUROPROSTHESES
119	\$431,220	NATIONAL SCIENCE FOUNDATION	Saha, Debajit	INSTITUTE FOR QUANTITATIVE HEALTH	DESIGN AND VALIDATION OF A NOVEL PART-BRAIN-PART-ENGINEERED GAS SENSOR FOR NONINVASIVE DETECTION OF LUNG CANCER
120	\$16,000	NATIONAL SCIENCE FOUNDATION	Bush, Tamara	MECHANICAL ENGINEERING	REU FOR PFI-RP: AN INNOVATIVE WHEELCHAIR DESIGN THAT SHIFTS BODY PRESSURES AUTOMATICALLY TO PREVENT TISSUE DAMAGE AND INJURY
121	\$91,933	LOS ALAMOS NATL LABORATORY	Jaberi, Farhad	MECHANICAL ENGINEERING	INTERACTIONS OF HIGH-SPEED VARIABLE-DENSITY SHEAR-DRIVEN MIXING LAYERS WITH OBLIQUE SHOCK WAVES

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122	\$69,502	US ARMY RESEARCH OFFICE	Zayernouri, Mohsen	MECHANICAL ENGINEERING	A STOCHASTIC FRACTIONAL MODELING FRAMEWORK FOR DESIGN OF NEW FUNCTIONAL MATERIALS
COLLEGE OF HUMAN MEDICINE					
123	\$20,000	CRIM FITNESS FOUNDATION	Finegood, Eric	CHM FLINT	MINDFULNESS FLINT INITIATIVE EVALUATION
124	\$100,001	GREATER FLINT HEALTH COALITION	Hanna-Attisha, Mona	CHM FLINT	COMMUNITY-BASED APPROACHES TO STRENGTHENING ECONOMIC SUPPORTS FOR WORKING FAMILIES (CASES)
125	\$30,782	NEW YORK UNIV	O'Connell, Lauren	CHM FLINT	MITIGATING ADVERSE EFFECTS OF COVID-19 THROUGH PREVENTIVE INTERVENTIONS FOR FAMILIES WITH YOUNG CHILDREN LIVING IN POVERTY: LINKING DATA FROM 3 CITIES WITH DIVERSE RISKS AND EXPOSURES
126	\$14,512	HENRY FORD HEALTH SYSTEM	O'Connell, Lauren	CHM FLINT	REDUCING MATERNAL DELAY DISCOUNTING AS A TARGET MECHANISM TO DECREASE HARSH PARENTING AND IMPROVE CHILD MENTAL HEALTH OUTCOMES IN A TRADITIONALLY UNDERSERVED COMMUNITY
127	\$52,839	UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL	Ondersma, Steven	CHM FLINT	A TEXT MESSAGING INTERVENTION (TMI) TO REDUCE PERINATAL DEPRESSION RISK
128	\$100,000	CITY OF FLINT	Sadler, Richard	CHM FLINT	RESILIENCY IN COMMUNITIES AFTER STRESS AND TRAUMA - FLINT (RECAST)
129	\$55,000	GREATER FLINT HEALTH COALITION	Uphold, Heatherlun	CHM FLINT	FLINT & GENESEE COUNTY - REACH (RACIAL AND ETHNIC APPROACHES TO COMMUNITY HEALTH)
130	\$34,211	CENTERS FOR DISEASE CONTROL & PREVENTION	Bohnert, Kipling	EPIDEMIOLOGY AND BIOSTATISTICS	BOHNERT IPA
131	\$19,819	SEATTLE CHILDRENS HOSPITAL	Brincks, Ahnalee	EPIDEMIOLOGY AND BIOSTATISTICS	USING SMART DESIGN TO IDENTIFY AN EFFECTIVE AND COST-BENEFICIAL APPROACH TO PREVENTING OUD IN JUSTICE-INVOLVED YOUTH. PHASE II APPLICATION. TRANSITION FROM PHASE I (UG3) TO PHASE II (UH3).
132	\$170,402	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	Lenski, Madeleine	EPIDEMIOLOGY AND BIOSTATISTICS	ENVIRONMENT, EPIGENETICS, NEURODEVELOPMENT & HEALTH IN EXTREMELY PRETERM CHILDREN
133	\$30,000	INST FOR POPULATION HEALTH	Misra, Dawn	EPIDEMIOLOGY AND BIOSTATISTICS	HEALTHY START DETROIT EVALUATION
134	\$150,000	WAYNE STATE UNIV	Misra, Dawn	EPIDEMIOLOGY AND BIOSTATISTICS	VACCINE EVALUATION
135	\$50,089	UNIVERSITY OF MICHIGAN	Paneth, Nigel	EPIDEMIOLOGY AND BIOSTATISTICS	SYSTEMS MODELING TO ADDRESS THE SOCIAL AND BIOLOGICAL DRIVERS OF DISPARITIES IN INFECTION AND MORTALITY FROM EMERGING INFECTIOUS DISEASES

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136	\$25,000	NATIONAL BOARD OF MEDICAL EXAMINERS	Chang, Chi	MEDICAL EDUCATION RESEARCH & DEVELOPMENT	DEVELOPING SPEECH-TO-TEXT MODELS FOR MEDICAL UNDERGRADUATES' CLINICAL COMPETENCY IN OBJECTIVE STRUCTURED CLINICAL EXAMINATIONS USING NATURAL LANGUAGE PROCESSING
137	\$17,521	UNIVERSITY OF MICHIGAN	Rosenman, Kenneth	MEDICINE	SUPERFUND RESEARCH PROGRAM OCCUPATIONAL HEALTH AND SAFETY EDUCATION PROGRAMS ON EMERGING TECHNOLOGIES
138	\$19,191	UNIVERSITY OF MISSOURI	Arora, Ripla	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	THE ROLE OF CHOLESTEROL BIOSYNTHESIS IN METASTATIC AND RECURRENT ENDOMETRIAL CANCER
139	\$93,322	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	Luke, Barbara	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	IN VITRO FERTILIZATION OUTCOMES AFTER CANCER
140	\$219,491	NATIONAL INST OF HEALTH	MacKeigan, Jeffrey	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	ULK1 INHIBITOR IN COMBINATION WITH IMMUNE CHECKPOINT BLOCKADE IN PANCREATIC CANCER
141	\$94,371	BOSTON CHILDRENS HOSPITAL	Missmer, Stacey	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	THE BOSTON CENTER FOR ENDOMETRIOSIS / WOMEN'S HEALTH STUDY: FROM ADOLESCENCE TO ADULTHOOD
142	\$38,624	BOSTON CHILDRENS HOSPITAL	Missmer, Stacey	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	THE ROLE OF NEUROTROPHINS IN CHRONIC PELVIC PAIN AND CENTRAL SENSITIZATION AMONG ADOLESCENTS AND WOMEN WITH ENDOMETRIOSIS
143	\$48,740	NATIONAL INST OF HEALTH	Missmer, Stacey	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	WHAT IS ENDOMETRIOSIS? DEEP PHENOTYPING TO ADVANCE DIAGNOSIS AND TREATMENT
144	\$61,158	HEMOPHILIA FOUNDATION OF MICHIGAN	Jobe, Shawn	PEDIATRICS AND HUMAN DEVELOPMENT	OPERATING SUPPORT GRANT 2022-2023 FOR CENTER FOR BLEEDING AND CLOTTING DISORDER
145	\$12,177	CYSTIC FIBROSIS FOUNDATION	Thomas, Ryan	PEDIATRICS AND HUMAN DEVELOPMENT	MSU CF CENTER PROGRAM FOR ADULT CARE EXCELLENCE GRANT 2019
146	\$532,792	NATIONAL INST OF HEALTH	Sempere, Lorenzo	RADIOLOGY HUMAN MEDICINE	IMAGE-GUIDED INTRADUCTAL ABLATIVE PROCEDURE FOR PRIMARY PREVENTION OF BREAST CANCER
147	\$479,077	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Oberst, Kathleen	THE INSTITUTE FOR HEALTH POLICY	FY23 FLINT WATER EVALUATION
148	\$292,162	NATIONAL INST OF HEALTH	Collier, Kathy	TRANSLATIONAL NEUROSCIENCE	IMPACT OF DYSFUNCTIONAL BDNF ON DOPAMINE TERMINAL REMODELING IN THE PARKINSONIAN STRIATUM

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149	\$430,375	NATIONAL INST OF HEALTH	Collier, Timothy	TRANSLATIONAL NEUROSCIENCE	CIRCADIAN DISRUPTION AS AN ACCELERATOR OF SYNUCLEINOPATHY
150	\$25,400	MICHIGAN ALZHEIMERS DISEASE RESEARCH CENTER	DuBois, Kelly	TRANSLATIONAL NEUROSCIENCE	CHARACTERIZATION OF BACTERIA-DERIVED MEMBRANE VESICLES FROM PLASMA/SERUM OF PATIENTS WITH DEMENTIA
COLLEGE OF MUSIC					
151	\$15,000	PNC FOUNDATION	Johnson, Kristopher	COMMUNITY MUSIC SCHOOL	EARLY MUSIC, EARLY LEARNING
152	\$240,000	MAX M & MARJORIE S FISHER FOUNDATION	Johnson, Kristopher	COMMUNITY MUSIC SCHOOL	CMS-D EARLY CHILDHOOD MUSIC
COLLEGE OF NATURAL SCIENCE					
153	\$35,401	UNIVERSITY OF OKLAHOMA	Dickson, Alexander	BIOCHEMISTRY MOLECULAR BIOLOGY CNS	RAMP-ALTERED CLASS B GPCR HORMONE BINDING AND SIGNALING
154	\$1,068,886	NATIONAL SCIENCE FOUNDATION	Feig, Michael	BIOCHEMISTRY MOLECULAR BIOLOGY CNS	NSF-ANR: CELLULAR CROWDING AND CONDENSATION UNDER SHEAR FLOW
155	\$35,976	WASHINGTON STATE UNIV	Zacharewski, Timothy	BIOCHEMISTRY MOLECULAR BIOLOGY CNS	MECHANISMS OF MICROCYSTIN-INDUCED HEPATOCELLULAR CARCINOMA IN NONALCOHOLIC STEATOHEPATITIS
156	\$221,866	HEALTH RESOURCES & SERVICES ADMINISTRATION	Hoag, Kathleen	BIOMEDICAL LABORATORY DIAGNOSTICS PROGR	SMILES: SUPPORT IN MEDICAL LABORATORY SCIENCE
157	\$48,000	TELEDYNE FLIR	Dantus, Marcos	CHEMISTRY	FLIR COHERENT RAMAN SYSTEM FOR NON-CONTACT CHEMICAL DETECTION
158	\$497,369	NATIONAL INST OF HEALTH	Huang, Xuefei	CHEMISTRY	ENGINEERING BACTERIOPHAGE Q CONJUGATES WITH TUMOR ASSOCIATED CARBOHYDRATE ANTIGENS AS MULTI-COMPONENT ANTI-CANCER VACCINES
159	\$110,000	AMER CHEMICAL SOCIETY PETROLEUM RESEARCH FUND	Maleczka, Robert	CHEMISTRY	UNDERSTANDING REAGENT CONTROLLED DIBORON-MEDIATED REDUCTIVE COUPLINGS
160	\$140,000	PRINCETON UNIV	McCusker, James	CHEMISTRY	BIOINSPIRED LIGHT-ESCALATED CHEMISTRY (BIOLEC)
161	\$53,580	TULANE UNIV	Sun, Liangliang	CHEMISTRY	COMPUTATIONAL TOOLS FOR PROTEOFORM IDENTIFICATION BY TOP-DOWN DATA INDEPENDENT ACQUISITION MASS SPECTROMETRY
162	\$391,324	NATIONAL INST OF HEALTH	Wang, Tuo	CHEMISTRY	REVEALING THE CELL WALL ORGANIZATION OF FUNGAL PATHOGENS AND STRUCTURAL RESPONSES TO ANTIFUNGAL DRUGS USING CELLULAR SOLID-STATE NMR

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163	\$433,907	NATIONAL SCIENCE FOUNDATION	Wang, Tuo	CHEMISTRY	CAREER: FUNCTIONAL STRUCTURE AND DYNAMICS OF COMPLEX CARBOHYDRATES VIA SENSITIVITY-ENHANCED SOLID-STATE NMR AND DATABASE DEVELOPMENT
164	\$97,497	AMER CHEMICAL SOCIETY PETROLEUM RESEARCH FUND	Wang, Tuo	CHEMISTRY	ATOMIC RESOLUTION OF KEROGEN STRUCTURE BY NATURAL-ABUNDANCE 2D 13C-13C CORRELATION SOLID-STATE NMR SPECTROSCOPY
165	\$348,840	NATIONAL SCIENCE FOUNDATION	Warren, Timothy	CHEMISTRY	CAS: CATALYTIC SP3 CARBON-HYDROGEN (C-H) FUNCTIONALIZATION WITH EARTH ABUNDANT METALS
166	\$198,131	OHIO STATE UNIV	Wilson, Angela	CHEMISTRY	NSF CONVERGENCE ACCELERATOR - TRACK C: QUSTEAM: CONVERGENT UNDERGRADUATE EDUCATION IN QUANTUM SCIENCE, TECHNOLOGY, ENGINEERING, ARTS, AND MATHEMATICS
167	\$106,066	ARNOLD & MABEL BECKMAN FOUNDATION	Xie, Weiwei	CHEMISTRY	CHEMISTRY PERSPECTIVES TO DESIGN HIGH TEMPERATURE (TC) SUPERCONDUCTORS
168	\$44,829	SPELMAN COLLEGE	Christlieb, Andrew	COMPUTATIONAL MATH SCI AND ENGR CNS	CREATING EQUITABLE PATHWAYS TO ADVANCED DEGREES IN DATA SCIENCE, A SPELMAN MSU PARTNERSHIP
169	\$22,000	MICHIGAN WHEAT PROGRAM	Basso, Bruno	EARTH AND ENVIRONMENTAL SCIENCES	UNDERSTANDING AND MANAGING FACTORS AFFECTING WHEAT YIELD IN MICHIGAN: A MODELING FRAMEWORK TO HELP FARMERS MAKE BETTER DECISIONS
170	\$26,386	PENNSYLVANIA STATE UNIV	Hardisty, Dalton	EARTH AND ENVIRONMENTAL SCIENCES	EXPERIMENTAL CONSTRAINTS ON DOLOMITEGEOCHEMISTRY AS AN ARCHIVE OF SEAWATER REDOX EVOLUTION
171	\$218,422	UNIVERSITY OF ALABAMA AT BIRMINGHAM	Bronikowski, Anne	KELLOGG BIOLOGICAL STATION NAT SCI	BILL: IISAGE - DISCOVERING THE MECHANISMS AND EVOLUTION OF AGING DIFFERENCES BETWEEN FEMALES AND MALES
172	\$1,275,000	NATIONAL SCIENCE FOUNDATION	Haddad, Nicholas	KELLOGG BIOLOGICAL STATION NAT SCI	LTER: KBS - ECOLOGICAL AND SOCIAL MECHANISMS OF RESILIENCE IN AGROECOSYSTEMS
173	\$300,000	HEALTH RESOURCES IN ACTION	Abramovitch, Robert	MICROBIOLOGY MOLECULAR GENETICS CNS	DEVELOPMENT OF NEW MMPL3 INHIBITORS TO TREAT MYCOBACTERIAL INFECTIONS
174	\$76,147	US ARMY RESEARCH OFFICE	Crosson, Sean	MICROBIOLOGY MOLECULAR GENETICS CNS	LEVERAGING ENVIRONMENTAL COMPLEXITY TO DEFINE BACTERIAL GENE FUNCTION
175	\$513,240	NATIONAL INST OF HEALTH	Hammer, Neal	MICROBIOLOGY MOLECULAR GENETICS CNS	ELUCIDATING STRATEGIES OF STAPHYLOCOCCUS AUREUS NUTRIENT SULFUR ACQUISITION DURING INFECTION

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176	\$73,390	US ARMY RESEARCH OFFICE	Cocker, Tyler	PHYSICS ASTRONOMY	ULTRAFast TERAHERTZ SCANNING TUNNELING MICROSCOPY OF WEYL MATERIALS
177	\$300,618	UNIVERSITY OF WISCONSIN MADISON	DeYoung, Tyce	PHYSICS ASTRONOMY	ICECUBE GEN@ PHASE: AN ICECUBE EXTENSION FOR PREVISION NEUTRINO PHYSICS AND ASTROPHYSICS - CONTRUCTION UPGRADE
178	\$126,233	STONY BROOK UNIVERSITY	Fisher, Wade	PHYSICS ASTRONOMY	U.S. ATLAS OPERATIONS: DISCOVERY AND MEASUREMENT AT THE ENERGY FRONTIER
179	\$417,410	NATIONAL SCIENCE FOUNDATION	Ke, Xianglin	PHYSICS ASTRONOMY	A TANGO BETWEEN MAGNONS AND PHONONS IN 2D VAN DER WAALS INSULATING MAGNETS
180	\$22,785	SMITHSONIAN INSTITUTION	Rodriguez, Joseph	PHYSICS ASTRONOMY	PLANET FORMATION REVEALED BY A UNIFORM ANALYSIS OF ALL GIANT PLANETS
181	\$470,666	HOWARD HUGHES MEDICAL INST	Sawtelle, Vashti	PHYSICS ASTRONOMY	IMPACT STEM TRANSFER: INCLUSIVE AND MEANINGFUL PARTNERSHIPS FOR CULTIVATING TRANSFORMATION IN STEM TRANSFER
182	\$163,607	HENRY FORD HEALTH SYSTEM	Lydic, Todd	PHYSIOLOGY NATURAL SCIENCE	MICROBIOTA AND ALLERGIC ASTHMA PRECISION PREVENTION (MAAP2)
183	\$39,050	UNIVERSITY OF CALIFORNIA DAVIS	Robison, Alfred	PHYSIOLOGY NATURAL SCIENCE	NEURAL CIRCUITS MEDIATING ANXIOLYTIC EFFECTS OF OXYTOCIN RECEPTOR LIGANDS
184	\$50,000	HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES	Xiao, Hua	PHYSIOLOGY NATURAL SCIENCE	MECHANISMS UNDERLYING SEX DISPARITIES IN HEPATOCELLULAR CARCINOMA DEVELOPMENT
185	\$89,915	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Brandizzi, Federica	PLANT RESEARCH LABORATORY NAT SCIENCE	LIFE BEYOND EARTH: EFFECT OF SPACE FLIGHT ON SEEDS WITH IMPROVED NUTRITIONAL VALUE
186	\$1,211,570	US DEPT OF ENERGY	Kerfeld, Cheryl	PLANT RESEARCH LABORATORY NAT SCIENCE	THE CENTER FOR CATALYSIS IN BIOMIMETIC CONFINEMENT (CCBC)
	COLLEGE OF NURSING				
187	\$250,000	MICHIGAN HEALTH ENDOWMENT FUND	Ling, Jiying	NURSING	EAT MY ABCS: INTEGRATE HEALTHY EATING INTO SCHOOL READINESS
	COLLEGE OF OSTEOPATHIC MEDICINE				
188	\$8,000	MEDTRONIC INC	Young, Deborah	COM STATEWIDE CAMPUS SYSTEM	WSU/MSU SINUS AND SKULL BASE DISSECTION COURSE
189	\$12,500	UBC BIOPHARMA SRL	Goudreau, John	NEUROLOGY AND OPHTHALMOLOGY COM	A DOA DOUBLE-BLIND, PLACEBO-CONTROLLED, RANDOMIZED, PHASE 2A STUDY WITH ORAL UCB0599 IN STUDY PARTICIPANTS WITH EARLY PARKINSON'S DISEASE

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	Amount	Sponsor	Principal Investigator/ Director	Unit	Project Title
190	\$10,964	AEON BIOPHARMA, INC.	Goudreau, John	NEUROLOGY AND OPHTHALMOLOGY COM	AN OPEN-LABEL, MULTICENTER STUDY TO EVALUATE THE SAFETY AND EFFICACY OF REPEAT INTRAMUSCULAR ABP-450 (PRABOTULINUMTOXINA) INJECTION FOR THE TREATMENT OF CERVICAL DYSTONIA
191	\$5,595	VIRIDIAN INC	Kaufman, David	NEUROLOGY AND OPHTHALMOLOGY COM	A MULTIPLE ASCENDING DOSE (MAD) SAFETY, TOLERABILITY & EFFICACY STUDY OF VRDN-001, A HUMANIZED MONOCLONAL ANTIBODY DIRECTED AGAINST THE IGF-1 RECEPTOR, IN SUBJECTS WITH THYROID EYE DISEASE (TED)
192	\$12,242	ELI LILLY & CO	Khalil, Suad	NEUROLOGY AND OPHTHALMOLOGY COM	PROTOCOL H8H-MC-LAHV(A) PEDIATRIC OPTIONS FOR MIGRAINE RELIEF: A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED STUDY OF LASMIDITAN FOR ACUTE TREATMENT OF MIGRAINE: PIONEER-PEDS1
193	\$8,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Khalil, Suad	NEUROLOGY AND OPHTHALMOLOGY COM	NEUROLOGY TELEMEDICINE PROJECT NEUTEL-MS
194	\$14,285	ALBERT EINSTEIN COLLEGE OF MEDICINE INC	Seydel, Karl	OSTEOPATHIC MEDICAL SPECIALTIES COM	DEFINING THE MECHANISM OF COMA IN CEREBRAL MALARIA
195	\$564,158	NATIONAL INST OF HEALTH	Taylor, Terrie	OSTEOPATHIC MEDICAL SPECIALTIES COM	TREATING BRAIN SWELLING IN PEDIATRIC CEREBRAL MALARIA
196	\$101,462	GREAT LAKES FISHERY COMMISSION	Ellsworth, Edmund	PHARMACOLOGY TOXICOLOGY	DESIGN AND SYNTHESSES OF POTENT ANTAGONISTS OF 3KPZS THROUGH MEDICINAL CHEMISTRY OPTIMIZATION
197	\$2,694,565	NATIONAL INST OF HEALTH	Watts, Stephanie	PHARMACOLOGY TOXICOLOGY	PERIVASCULAR ADIPOSE TISSUE (PVAT) AS A CENTRAL INTEGRATOR OF VASCULAR HEALTH
198	\$15,000,000	MICHIGAN DEPT OF EDUCATION	Ley, Alyse	PSYCHIATRY OSTEOPATHIC MEDICINE	SECTION 97F - CROSS-SYSTEM INTERVENTION
COLLEGE OF SOCIAL SCIENCE					
199	\$100,000	META PLATFORMS INC	Holt, Thomas	CRIMINAL JUSTICE	RESEARCH IN PRIVACY
200	\$32,850	UNIVERSITY OF ALABAMA AT BIRMINGHAM	Maxwell, Christopher	CRIMINAL JUSTICE	MEDICATION ADMINISTRATION AND CHEMICAL RESTRAINTS IN FAMILY CAREGIVING FOR ALZHEIMER'S DISEASE AND RELATED DEMENTIA
201	\$133,347	UNIVERSITY OF ALABAMA AT BIRMINGHAM	Maxwell, Christopher	CRIMINAL JUSTICE	DAILY DYNAMICS AND LONG-TERM PATTERNS OF ELDER ABUSE AND NEGLECT IN DEMENTIA FAMILY CAREGIVING
202	\$105,275	GEORGE MASON UNIV	McGarrell, Edmund	CRIMINAL JUSTICE	JCOIN COORDINATION AND TRANSLATION CENTER - COMMUNITY STAKEHOLDER
203	\$25,000	DETROIT RESCUE MISSION MINISTRIES	Morash, Merry	CRIMINAL JUSTICE	GETTING IT RIGHT

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	Amount	Sponsor	Principal Investigator/ Director	Unit	Project Title
204	\$399,997	COMMUNITY ORIENTED POLICING SERVICES	Wilson, Jeremy	CRIMINAL JUSTICE	FY22 MICHIGAN STATE UNIVERSITY RECRUITMENT AND HIRING AWARD
205	\$280,587	UNIVERSITY OF MICHIGAN	Wolfe, Scott	CRIMINAL JUSTICE	DOMESTIC VIOLENCE RESTRAINING ORDER FIREARM RESTRICTION STUDY
206	\$47,530	COLORADO STATE UNIV	Henebry, Geoffrey	GLOBAL CHG AND EARTH OBSERVATION CTR FOR	UNDERSTANDING URBAN CENTERS AS ECOLOGICAL TRAPS FOR AVIAN MIGRANTS
207	\$22,859	KBR	Roy, David	GLOBAL CHG AND EARTH OBSERVATION CTR FOR	LANDSAT KBR SUBCONTRACT
208	\$29,365	UNIVERSITY OF MARYLAND	Roy, David	GLOBAL CHG AND EARTH OBSERVATION CTR FOR	NASA LAND COVER LAND USE CHANGE (LCLUC) PROGRAM SCIENCE SUPPORT
209	\$13,401	UNIVERSITY OF CONNECTICUT	Halgunseth, Linda	HUMAN DEVELOPMENT AND FAMILY STUDIES CSS	DEVELOPMENT OF A CULTURALLY INFORMED METHOD OF EVALUATING EMOTION SOCIALIZATION WITHIN LATINO FAMILIES
210	\$91,982	CACS HEAD START	Linscott, Laurie	HUMAN DEVELOPMENT AND FAMILY STUDIES CSS	HEAD START PRESCHOOL SERVICES - EAST LANSING
211	\$124,318	MICHIGAN DEPT OF EDUCATION	Linscott, Laurie	HUMAN DEVELOPMENT AND FAMILY STUDIES CSS	CHILD CARE STABILIZATION GRANT - EAST LANSING
212	\$97,500	MICHIGAN DEPT OF EDUCATION	Linscott, Laurie	HUMAN DEVELOPMENT AND FAMILY STUDIES CSS	CHILD CARE STABILIZATION GRANT - HASLETT
213	\$118,071	UNIVERSITY OF MICHIGAN	Vallotton, Claire	HUMAN DEVELOPMENT AND FAMILY STUDIES CSS	GREAT FIRST 8 INFANT TODDLER CURRICULUM PROJECT
214	\$100,000	OFFICE OF NAVAL RESEARCH	Altmann, Erik	PSYCHOLOGY SOCIAL SCIENCE	EFFECTS OF SLEEP DEPRIVATION AND INDIVIDUAL DIFFERENCES ON PROCEDURAL PLACEKEEPING

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215	\$59,200	RICE UNIV	Carter, Dorothy	PSYCHOLOGY SOCIAL SCIENCE	NEXT GENERATION TEAMS AND ORGANIZATIONAL SUBSYSTEMS RESEARCH.
216	\$73,628	UNIVERSITY OF ILLINOIS CHICAGO	Neal, Jennifer	PSYCHOLOGY SOCIAL SCIENCE	EMPOWERING LATINAS TO OBTAIN GUIDELINE-CONCORDANT BREAST CANCER SCREENINGS
217	\$611,963	NATIONAL INST OF HEALTH	Puckett, Jae	PSYCHOLOGY SOCIAL SCIENCE	MODELING RESILIENCE AS A MULTIDIMENSIONAL PROTECTIVE FACTOR FOR TRANSGENER HEALTH DISPARITIES: MEASURE DEVELOPMENT AND LONGITUDINAL EVALUATION OF RESILIENCE
218	\$104,453	NATIONAL INST OF HEALTH	Shewark, Elizabeth	PSYCHOLOGY SOCIAL SCIENCE	THE DEVELOPMENT OF YOUTH RESILIENCE TO NEIGHBORHOOD DISADVANTAGE
219	\$38,795	NATIONAL INST OF HEALTH	Vazquez, Alexandra	PSYCHOLOGY SOCIAL SCIENCE	ILLUMINATING THE DEVELOPMENTAL ETIOLOGY OF YOUTH RESILIENCE
220	\$405,790	THE RESEARCH FOUNDATION FOR THE STATE UNIV OF NEW YORK	Anderson, Gary	SOCIAL WORK	NATIONAL CHILD WELFARE WORKFORCE INSTITUTE: LEADING THE UNIVERSITY PARTNERSHIP PROGRAM
221	\$40,000	RESEARCH FOUNDATION OF SUNY	Anderson, Gary	SOCIAL WORK	CHILD WELFARE TRAINING: THE NATIONAL CHILD WELFARE WORKFORCE INSTITUTE
222	\$222,644	MICHIGAN DEPT OF TECHNOLOGY MANAGEMENT & BUDGET	Anderson, Gary	SOCIAL WORK	IN-SERVICE CHILD WELFARE TRAINING
223	\$96,994	MICHIGAN HEALTH ENDOWMENT FUND	Freddolino, Paul	SOCIAL WORK	SUPPORTING OLDER ADULT DIGITAL LITERACY AND HEALTH EQUITY
224	\$36,342	OSLO METROPOLITAN UNIVERSITY	Santiago, Anna	SOCIAL WORK	A FAIR CHANCE: HOW GEOGRAPHY SHAPES LIFE OPPORTUNITIES
225	\$333,096	MICHIGAN HEALTH ENDOWMENT FUND	Sun, Fei	SOCIAL WORK	EXPANDING DEMENTIA CARE SUPPORT IN UNDERSERVED COMMUNITIES IN MICHIGAN
ASC PROVOST FOR UNDERGRADUATE EDUCATION					
226	\$25,000	ARIZONA STATE UNIV	Gaither, Chastity	ASC PROVOST FOR UNDERGRADUATE EDUCATION	UIA - BLACK STUDENT SUCCESS INITIATIVE
COLLEGE OF VETERINARY MEDICINE					
227	\$234,210	CYSTIC FIBROSIS FOUNDATION	Carey, Stephan	SMALL ANIMAL CLINICAL SCIENCES	COMPUTATIONAL MODELING OF AEROSOL DOSIMETRY IN THE FERRET RESPIRATORY TRACT
228	\$50,000	ACVO VISION FOR ANIMALS FOUNDATION	Komaromy, Andras	SMALL ANIMAL CLINICAL SCIENCES	KERATOLEPTYNISIS FOR MANAGEMENT OF CANINE GLAUCOMA

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	Amount	Sponsor	Principal Investigator/ Director	Unit	Project Title
229	\$371,697	MEDICAL COLLEGE OF WISCONSIN	Komaromy, Andras	SMALL ANIMAL CLINICAL SCIENCES	DEVELOPMENT OF AN IOP-LOWERING GENE THERAPY TREATMENT FOR GLAUCOMA
230	\$48,094	CANINE HEALTH FOUNDATION	Petersen-Jones, Simon	SMALL ANIMAL CLINICAL SCIENCES	IDENTIFICATION OF GENE MUTATION UNDERLYING OCULAR MELANOSIS IN CAIRN TERRIERS
231	\$250,000	US DEPT OF AGRICULTURE	Dodd, Kimberly	VETERINARY DIAGNOSTIC LABORATORY	NATIONAL ANIMAL HEALTH LABORATORY NETWORK (NAHLN) LEVEL 1 LABORATORY: MICHIGAN STATE UNIVERSITY VETERINARY DIAGNOSTIC LABORATORY
232	\$238,500	NATIONAL INST OF FOOD & AGRICULTURE	Sreevatsan, Srinand	VETERINARY MEDICINE DEAN	INTERDISCIPLINARY TRAINING IN LEADERSHIP AND ANIMAL BIOSECURITY (IT-LAB)
FACILITY FOR RARE ISOTOPE BEAMS					
233	\$32,500	SPACE EXPLORATION TECHNOLOGIES	Abrams, BJ	FACILITY FOR RARE ISOTOPE BEAMS	SINGLE EVENT EFFECT TESTING ON ELECTRONIC COMPONENTS - EXPERIMENT 22920
234	\$41,600	MILLENNIUM SPACE SYSTEMS	Abrams, BJ	FACILITY FOR RARE ISOTOPE BEAMS	SINGLE EVENT EFFECT TESTING ON ELECTRONIC COMPONENTS - EXPERIMENT 22923
235	\$57,200	TEXAS INSTRUMENTS INC	Abrams, BJ	FACILITY FOR RARE ISOTOPE BEAMS	SINGLE EVENT EFFECT TESTING ON ELECTRONIC COMPONENTS - EXPERIMENT 22918
236	\$15,400,000	US DEPT OF ENERGY	Glasmacher, Thomas	FACILITY FOR RARE ISOTOPE BEAMS	FACILITY FOR RARE ISOTOPE BEAMS TRANSITION TO OPERATION AND OPERATION AS SCIENTIFIC USER FACILITY
237	\$352,000	US DEPT OF ENERGY	Gueye, Paul	FACILITY FOR RARE ISOTOPE BEAMS	THE INSTITUTE FOR NUCLEAR SCIENCE TO INSPIRE THE NEXT GENERATION OF A HIGHLY TRAINED WORKFORCE (INSIGHT) AT FRIB
238	\$176,172	BROOKHAVEN SCIENCE ASSOC LLC	Hao, Yue	FACILITY FOR RARE ISOTOPE BEAMS	JOINT APPOINTMENT AGREEMENT WITH BNL FOR YUE HAO
239	\$90,000	US DEPT OF ENERGY	Hao, Yue	FACILITY FOR RARE ISOTOPE BEAMS	ADVANCED MODELING OF BEAM PHYSICS AND PERFORMANCE OPTIMIZATION FOR NUCLEAR PHYSICS COLLIDERS
240	\$48,412	LAWRENCE BERKELEY NATIONAL LABORATORY	Lund, Steven	FACILITY FOR RARE ISOTOPE BEAMS	GRADUATE STUDENT AT LBNL - VALVERDE
241	\$2,071,868	STANFORD LINEAR ACCELERATOR CENTER	Xu, Ting	FACILITY FOR RARE ISOTOPE BEAMS	PROPOSAL TO SUPPLY LCLS-II HE SRF GUN
242	\$201,000	US DEPT OF ENERGY	Chen, Jun	NAT'L SUPERCONDUCTING CYCLOTRON LAB	COMPLILATION AND EVALUATION OF NUCLEAR STRUCTURE AND DECAY DATA
243	\$140,000	US DEPT OF ENERGY	Danielewicz, Pawel	NAT'L SUPERCONDUCTING CYCLOTRON LAB	SYMMETRY ENERGY FROM NUCLEAR REACTIONS

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244	\$370,000	US DEPT OF ENERGY	Nazarewicz, Witold	NAT'L SUPERCONDUCTING CYCLOTRON LAB	THEORETICAL NUCLEAR STRUCTURE
245	\$249,000	US DEPT OF ENERGY	Nunes, Filomena	NAT'L SUPERCONDUCTING CYCLOTRON LAB	PROBING NUCLEI WITH CHARGE-EXCHANGE REACTIONS
246	\$20,252	LAWRENCE LIVERMORE NATIONAL LABORATORY	Nunes, Filomena	NAT'L SUPERCONDUCTING CYCLOTRON LAB	FRIB THEORY FELLOW AT LAWRENCE LIVERMORE NATIONAL LABORATORY - HEBBORN
ASC PROV FOR UNIV OUTREACH ENGAGEMENT					
247	\$120,000	MICHIGAN DEPT OF EDUCATION	Wu, Jamie	COMMUNITY EVALUATION AND RSCH COLLABRTVE	STRONG BEGINNINGS PROGRAM FAMILY ENGAGEMENT STUDY
248	\$60,000	MICHIGAN DEPT OF EDUCATION	Wu, Jamie	COMMUNITY EVALUATION AND RSCH COLLABRTVE	THE STUDY OF STATE FUNDED PRESCHOOL PROGRAM FOR THREE-YEAR-OLD CHILDREN
249	\$32,424	UNIVERSITY OF COLORADO	Barnes Najor, Jessica	OUTREACH AND ENGAGEMENT PARTNERSHIPS	TRIBAL RESEARCH CENTER FOR EARLY CHILDHOOD DEVELOPMENT AND SYSTEMS (TRECS)
250	\$22,000	RUTGERS UNIVERSITY	McNall, Miles	PUBLIC ENGAGEMENT AND SCHOLARSHIP	IMPLEMENTATION AND EVALUATION OF THE BROADER IMPACTS TOOLKIT PROJECT
INTERNATIONAL STUDIES AND PROGRAMS					
251	\$28,404	JAMES P GEISS & MARGARET Y HSU FOUNDATION	Wu, Yulian	ASIAN STUDIES CENTER	NONPRODUCING SKILLS: FAILURE, MAINTENANCE, RECYCLING, AND TRANSPORT IN EARLY MODERN EAST ASIA
252	\$553,413	US DEPT OF STATE	Wright, Wynne	INTERNATIONAL STUDIES AND PROGRAMS DEAN	ADVANCING YOUNG WOMEN AGRIBUSINESS ENTREPRENEURS AND INNOVATORS: A RWANDA-SOUTH AFRICA-ZAMBIA-ZIMBABWE-U.S. PARTNERSHIP
MSU AGBIORESEARCH					
253	\$41,063	UNIVERSITY OF ILLINOIS	Asher, Jeremiah	MSU AGBIORESEARCH DIR OFC	RESOLVING SPATIOTEMPORAL NON-POINT NUTRIENT FLUXES FROM SOILS TO WATER BY CONTINUOUS IN SITU N AND P MONITORING TO ACHIEVE MULTISTATE NUTRIENT LOSS REDUCTION GOALS
254	\$184,956	UNIVERSITY OF WISCONSIN MADISON	Douches, David	PLANT SOIL AND MICROBIAL SCIENCES	CREATING A NEW PARADIGM FOR POTATO BREEDING AND SEED PRODUCTION BASED ON TRUE POTATO SEED
MICHIGAN STATE UNIVERSITY EXTENSION					

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	Amount	Sponsor	Principal Investigator/ Director	Unit	Project Title
255	\$25,000	NATIONAL ASSOC OF STATE DEPT OF AG	Tocco, Phillip	EXTENSION AGRICULTURE AND AGRIBUSINESS	FSMA ON-FARM READINESS REVIEW TRAINING DEVELOPMENT AND DELIVERY
256	\$8,000	ADAMA USA	Wallis, Anna	EXTENSION AGRICULTURE AND AGRIBUSINESS	TREE FRUIT CROP MANAGEMENT GIFT - ADAMA
257	\$34,220	APPLE	Jamieson, Kathy	EXTENSION CHILDREN AND YOUTH	APPLE COMMUNITY EDUCATION INITIATIVE
258	\$5,500	BARRY COUNTY UNITED WAY	Kilpatrick, Glenda	EXTENSION CHILDREN AND YOUTH	BARRY COUNTY MSU EXTENSION 4-H PROGRAM
259	\$24,463	RALPH C WILSON JR FOUNDATION	Rivetto, Laurie	EXTENSION CHILDREN AND YOUTH	GENERATION Z - FUTURE SQUAD
260	\$26,840	KANSAS STATE UNIV	Wisnewski, Diane	EXTENSION CHILDREN AND YOUTH	4-H MILITARY PARTNERSHIP AND OUTREACH SUPPORT - ARMY
261	\$19,264	MICHIGAN DEPT OF NATURAL RESOURCES	Badra, Peter	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	IS THE HURON NATIONAL FOREST STILL A LAST STRONGHOLD FOR THE CHANNEL DARTER (PERCINA COPELANDI), ONE OF MICHIGAN'S MOST IMPERILED FISHES?
262	\$175,146	MICHIGAN DEPT OF NATURAL RESOURCES	Bassett, Tyler	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	DNR-FRD-GNA-HMNF BOTANY SURVEYS 2023
263	\$30,000	MICHIGAN DEPT OF NATURAL RESOURCES	Hackett, Rachel	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	FRD GNA BOTANICAL SURVEY - PROJECT ENHANCEMENT 2023
264	\$16,030	MICHIGAN DEPT OF TRANSPORTATION	Higman, Phyllis	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	MDOT RARE PLAN SURVEYS 2022 - ADD-ON
265	\$79,453	MICHIGAN DEPT OF NATURAL RESOURCES	Klatt, Brian	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	MNFI 2023 - TITLE 29 - DNR WILDLIFE DIVISION MODULE FOR ENVIRONMENTAL REVIEW TOOL - FY23

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266	\$49,114	MICHIGAN DEPT OF TRANSPORTATION	Klatt, Brian	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	MDOT ANNUAL ACCESS TO NATURAL HERITAGE DATABASE
267	\$30,000	MICHIGAN DEPT OF NATURAL RESOURCES	Lee, Yu Man	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	DNR-FRD-GNA HMNF EASTERN MASSASAUGA SURVEYS 2023
268	\$38,932	MICHIGAN DEPT OF NATURAL RESOURCES	Lee, Yu Man	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	MNFI 2023 - TITLE 26 - TRAINING FOR WAP PRIORITIES: BOTTOMLAND HARDWOODS - FY23
269	\$80,760	MICHIGAN DEPT OF NATURAL RESOURCES	Lee, Yu Man	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	UPPER MIDWEST TURTLE CONSERVATION - CSWG PHASE 3
270	\$43,219	MICHIGAN DEPT OF NATURAL RESOURCES	Lincoln, Jesse	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	MNFI 2023 - TITLE 3 - LAND MANAGEMENT CONSULTATIONS AND SURVEYS 2023
271	\$35,998	MICHIGAN DEPT OF MILITARY & VETERANS AFFAIRS	Monfils, Michael	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	CAMP GRAYLING BIRD SURVEY DESIGN AND IMPLEMENTATION
272	\$17,000	UNIVERSITY OF MINNESOTA DULUTH	Nelson, Elliot	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	ADVANCING THE GREAT LAKES AQUACULTURE COLLABORATIVE
273	\$99,121	MARQUETTE ALGER REGIONAL SERVICE	Palmer, Abbey	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	CENTERING STUDENTS AS LEADERS IN FARM TO SCHOOL: LOCALLY INTEGRATED FOOD TEAMS IN THE UP
274	\$58,268	MICHIGAN DEPT OF NATURAL RESOURCES	Rowe, Logan	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	MNFI 2022 - TITLE 12 - POLLINATOR CONSERVATION LANDSCAPES
275	\$20,000	NORTHWEST SENIOR RESOURCES INC DBA AREA AGENCY ON AGING OF NW MI	Contreras, Dawn	EXTENSION HEALTH AND NUTRITION	FY 2023-2025 OLDER AMERICANS ACT SERVICE GRANTS

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	Amount	Sponsor	Principal Investigator/ Director	Unit	Project Title
276	\$210,095	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	East, Deanna	EXTENSION HEALTH AND NUTRITION	SNAP OUTREACH
277	\$8,000,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	East, Deanna	EXTENSION HEALTH AND NUTRITION	SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM - EDUCATION FY2023
278	\$81,342	UNIVERSITY OF WISCONSIN MADISON	Kennedy, Lauren	EXTENSION HEALTH AND NUTRITION	TRAINING AND TECHNICAL ASSISTANCE ADDRESSING OPIOID AND STIMULANT MISUSE AFFECTING RURAL COMMUNITIES IN THE GREAT LAKES REGION (ILLINOIS, INDIANA, MICHIGAN, MINNESOTA, OHIO, & WISCONSIN)
279	\$101,833	MICHIGAN DEPT OF NATURAL RESOURCES	Lee, Yu Man	NATURAL FEATURES INVENTORY MSUE	MNFI 2022 - TITLE 24 - STATUS ASSESSMENT AND ECOLOGY OF SPOTTED AND BLANDING'S TURTLES IN OHIO AND MICHIGAN
RESEARCH AND INNOVATION					
280	\$30,000	FRESENIUS KABI USA	Hatfield, John	AXIA INSTITUTE	AXIA MEMBERSHIPS
281	\$107,722	NATIONAL INST OF HEALTH	Atchison, William	INSTITUTE FOR INTEGRATIVE TOXICOLOGY	FIRST TIME SUMMER RESEARCH EXPERIENCE IN ENVIRONMENTAL HEALTH SCIENCES
282	\$50,000	MICHIGAN STATE UNIV FOUNDATION	Hasemann, Charles	OFFICE OF RESEARCH AND INNOVATION	T3N(8) POST-DOCS
UNIVERSITY ADVANCEMENT					
283	\$29,569,161	VARIOUS DONORS - ADVANCEMENT	Tobin, Kim	VICE PRESIDENT UNIVERSITY ADVANCEMENT	GIFTS TO MSU FOR THE PERIOD 10/01/2022 TO 12/31/2022
DIVISION OF STUDENT LIFE AND ENGAGEMENT					
284	\$1,096,847	US DEPT OF EDUCATION	Royal, Genyne	STUDENT PARENT RESOURCE CENTER	SPARTAN KIDS-CHILD CARE ACCESS MEANS PARENTS IN SCHOOL (CCAMPIS)
MICHIGAN STATE UNIVERSITY COLLEGE OF LAW					
285	\$200,000	HENRY LUCE FOUNDATION	Fort, Kathryn	COLLEGE OF LAW DEAN	TRIBAL APPELLATE COURT CLERKSHIP
MSU UNIVERSITY RESEARCH ORGANIZATION					
286	\$50,000	APPLIED RESEARCH ASSOCIATES INC	Mackey, Kevin	UNIVERSITY RESEARCH ORGANIZATION	HIGH-EXPLOSIVE EXPERIMENT AND ANALYSIS

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	UNIVERSITY ARTS AND COLLECTIONS				
287	\$75,000	TERRA FOUNDATION FOR AMER ART	Winter, Rachel	ART MUSEUM	TERRA FOUNDATION FOR AMERICAN ART GRANT
288	\$15,000	MICHIGAN HUMANITIES COUNCIL	Akmon, Devon	MUSEUM	AMERICAN RELIGIOUS SOUNDS
	VARIOUS				
289	\$50,962	VARIOUS	Various	Various	23 CONSOLIDATED GRANTS WITH INDIVIDUAL VALUES OF \$5000 OR LESS. DETAILS ON FILE IN CONTRACT & GRANT ADMINISTRATION
	\$112,684,244	Total February 2023 Board			

CONSIGNMENT/NON-CASH GIFTS
BOARD OF TRUSTEES
February 10, 2023

GIFT NO.	GIFT	DONOR	DEPARTMENT NAME	ESTIMATED VALUE	PURPOSE OR USE
1	MarkForged 3D printer Model X-7 composite	Life Beyond Barriers, LLC	Mechanical Engineering	\$48,721.53	Manufacturing parts
2	Science fiction & horror paperbacks	Allen Edwards	Libraries	\$11,191.00	Research in Special Collections
3	RayCo aluminum fixture plate	RayCo Fixture	Electrical & Computer Engineering	\$9,600.00	Building MSU solar racing car
4	4 yr. old gelding equine quarter horse	Megan Carmichael	Large Animal Clinical Sciences	\$5,000.00	Research
5-32	Various	Various	Various	\$12,764.00	28 Consolidated non-cash gifts for individual values less than \$5,000 Specific details regarding transactions retained within University Advancement. Summary details on file in the Contract & Grant Administration office, Hannah Administration Bldg. 426 Auditorium Road, Room 2, East Lansing, MI 48824.
			TOTAL	\$87,276.53	