



MICHIGAN STATE UNIVERSITY
BOARD OF TRUSTEES
Executive Action Summary

Gift, Grant and Contract Report

APPROVED
FEBRUARY 2, 2024
BOARD OF TRUSTEES
MICHIGAN STATE UNIVERSITY

From: Gift, Grant and Contract Report

Date February 2, 2024

Agenda Item: Gift, Grant and Contract Report

Information

Discussion

Action

Resolution:

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

Recommendation:

That the Board of Trustees approve the attached Gift, Grant and Contract Report for the period of November 14, 2023 through January 5, 2024.

Prior Action by BOT: Not applicable.

Responsible Officers: Douglas A. Gage, Vice President for Research and Innovation

Summary: See recommendation above.

Background Information:

FY 2023-24 TOTALS:

- a) Gifts, Grants and Contracts only: \$581,349,114
 - b) Gifts, Grants and Contracts plus Consignments: \$582,160,598
- (Consignments are Non-Cash Gifts and Non-Cash Loans)

Source of Funds: Various sponsors including Federal Government, State of Michigan, Foundation, Association, Industry, Individual Donors/Advancement, and Others as listed in the attachment.

Resource Impact: The report is a compilation of 300 Gifts, Grants and Contracts plus 36 Consignment/Non-Cash Gifts, with a total value of \$93,061,631.

Current Period / Year to Date

Gift & Grant Awards

Meeting Date: 02/02/2024

Current Period: Nov 14, 2023 - Jan 5, 2024

AWARD TOTALS

Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government	\$30,576,173	\$346,700,065	89.9%
State of Michigan	\$3,594,184	\$9,049,512	2.3%
Other	\$4,848,525	\$12,448,887	3.2%
Industry/CO	\$1,276,078	\$5,470,975	1.4%
Foundation	\$2,916,908	\$10,243,476	2.7%
Association	\$282,260	\$1,621,189	0.4%
Research - Total	\$43,494,128	\$385,534,103	100%
Non-Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government	\$4,264,772	\$75,247,972	38.4%
State of Michigan	\$3,697,387	\$7,937,454	4.1%
Other	\$2,897,889	\$13,388,246	6.8%
Industry/CO	\$0	\$6,364,016	3.3%
Foundation	\$1,249,382	\$6,060,394	3.1%
Association	\$5,000	\$65,000	0.0%
Various Donors - Advancement*	\$37,281,574	\$86,751,929	44.3%
Non-Research - Total	\$49,396,003	\$195,815,011	100%
Total			
Gift/Grant Source	Current Period	Year to Date	Amount % YTD
Federal Government	\$34,840,945	\$421,948,037	72.6%
State of Michigan	\$7,291,571	\$16,986,966	2.9%
Other	\$7,746,414	\$25,837,133	4.4%
Industry/CO	\$1,276,078	\$11,834,991	2.0%
Foundation	\$4,166,290	\$16,303,869	2.8%
Association	\$287,260	\$1,686,189	0.3%
Various Donors - Advancement*	\$37,281,574	\$86,751,929	14.9%
TOTAL	\$92,890,131	\$581,349,114	100%

OF AWARDS

Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government	111	764	63.4%
State of Michigan	23	49	4.1%
Other	42	174	14.4%
Industry/CO	41	132	11.0%
Foundation	16	57	4.7%
Association	11	29	2.4%
Research - Total	244	1,205	100%
Non-Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government	19	171	48.6%
State of Michigan	8	32	9.1%
Other	17	62	17.6%
Industry/CO	0	36	10.2%
Foundation	10	43	12.2%
Association	1	5	1.4%
Various Donors - Advancement*	1	3	0.9%
Non-Research - Total	56	352	100%
Total			
Gift/Grant Source	Current Period	Year to Date	Count % YTD
Federal Government	130	935	60.1%
State of Michigan	31	81	5.2%
Other	59	236	15.2%
Industry/CO	41	168	10.8%
Foundation	26	100	6.4%
Association	12	34	2.2%
Various Donors - Advancement*	1	3	0.2%
TOTAL	300	1,557	100%

* This is philanthropic cash received.

Current Year / Previous Year

Gift & Grant Awards

Meeting Date: 02/02/2024

Current Period: Nov 14, 2023 - Jan 5, 2024

AWARD TOTALS

Research			
Gift/Grant Source	Previous YTD	Year to Date	% Change
Federal Government	\$297,055,236	\$346,700,065	16.7%
State of Michigan	\$5,100,363	\$9,049,512	77.4%
Other	\$11,833,013	\$12,448,887	5.2%
Industry/CO	\$5,049,542	\$5,470,975	8.3%
Foundation	\$11,665,318	\$10,243,476	-12.2%
Association	\$2,123,923	\$1,621,189	-23.7%
Research - Total	\$332,827,395	\$385,534,103	15.8%
Non-Research			
Gift/Grant Source	Previous YTD	Year to Date	% Change
Federal Government	\$59,145,816	\$75,247,972	27.2%
State of Michigan	\$18,268,913	\$7,937,454	-56.6%
Other	\$12,129,199	\$13,388,246	10.4%
Industry/CO	\$3,686,174	\$6,364,016	72.6%
Foundation	\$4,827,889	\$6,060,394	25.5%
Association	\$496,772	\$65,000	-86.9%
Various Donors - Advancement*	\$83,618,308	\$86,751,929	3.7%
Non-Research - Total	\$182,173,071	\$195,815,011	7.5%
Total			
Gift/Grant Source	Previous YTD	Year to Date	Amount % Change
Federal Government	\$356,201,051	\$421,948,037	18.5%
State of Michigan	\$23,369,276	\$16,986,966	-27.3%
Other	\$23,962,212	\$25,837,133	7.8%
Industry/CO	\$8,735,716	\$11,834,991	35.5%
Foundation	\$16,493,207	\$16,303,869	-1.1%
Association	\$2,620,695	\$1,686,189	-35.7%
Various Donors - Advancement*	\$83,618,308	\$86,751,929	3.7%
TOTAL	\$515,000,465	\$581,349,114	12.9%

OF AWARDS

Research			
Gift/Grant Source	Previous YTD	Year to Date	% Change
Federal Government	790	764	-3.3%
State of Michigan	49	49	0.0%
Other	174	174	0.0%
Industry/CO	148	132	-10.8%
Foundation	57	57	0.0%
Association	56	29	-48.2%
Research - Total	1,274	1,205	-5.4%
Non-Research			
Gift/Grant Source	Previous YTD	Year to Date	% Change
Federal Government	203	171	-15.8%
State of Michigan	32	32	0.0%
Other	58	62	6.9%
Industry/CO	44	36	-18.2%
Foundation	42	43	2.4%
Association	8	5	-37.5%
Various Donors - Advancement*	3	3	0.0%
Non-Research - Total	390	352	-9.7%
Total			
Gift/Grant Source	Previous YTD	Year to Date	Count % Change
Federal Government	993	935	-5.8%
State of Michigan	81	81	0.0%
Other	232	236	1.7%
Industry/CO	192	168	-12.5%
Foundation	99	100	1.0%
Association	64	34	-46.9%
Various Donors - Advancement*	3	3	0.0%
TOTAL	1,664	1,557	-6.4%

* This is philanthropic cash received.

Henry Ford Health + MSU Health Sciences: Current Period / Year to Date

Gift & Grant Awards

Meeting Date: 2/2/2024

Current Period: Nov 14, 2023 - Jan 5, 2024

NOTE: This supplemental report (pages 4-5) shows HFH + MSU HS awards that also appear in the full University Board of Trustees summary on pages 2-3, Top 10 on page 7, and Gift, Grant and Contract Report on pages 8-28. These NIH projects were proposed and awarded through HFH+MSU HS (which is associated with CHM/COM/Nursing colleges).

AWARD TOTALS

Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government	\$3,989,402	\$27,979,049	100%
Research - Total	\$3,989,402	\$27,979,049	100%
Non-Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government			
Non-Research - Total	\$ -	\$ -	0%
Total			
Gift/Grant Source	Current Period	Year to Date	Amount % YTD
Federal Government	\$3,989,402	\$27,979,049	100%
TOTAL	\$3,989,402	\$27,979,049	100%

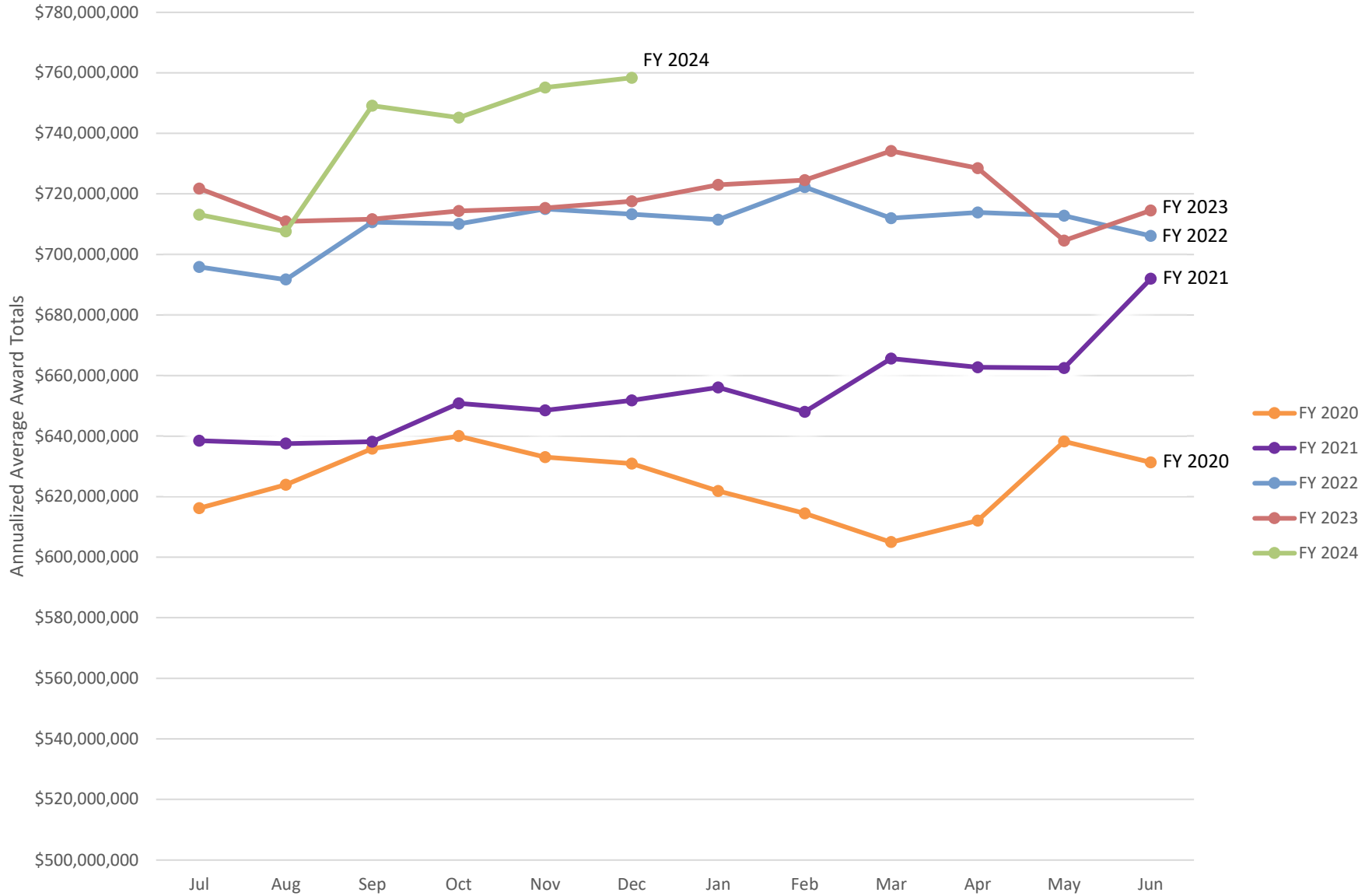
OF AWARDS

Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government	3	11	100%
Research - Total	3	11	100%
Non-Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government			
Non-Research - Total	0	0	0%
Total			
Gift/Grant Source	Current Period	Year to Date	Count % YTD
Federal Government	3	11	100%
TOTAL	3	11	100%

Henry Ford Health + MSU Health Sciences
Board of Trustees
February 2024

	Amount	Sponsor	Principal Investigator/ Director	Unit	Project Title
COLLEGE OF HUMAN MEDICINE					
1	\$2,687,186	NATIONAL INST OF HEALTH	Meghea, Cristian	OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO	MATERNAL HEALTH MULTILEVEL INTERVENTION/S FOR RACIAL EQUITY (MIRACLE) CENTER
2	\$49,093	UNIVERSITY OF MICHIGAN	Patterson, Joseph	TRANSLATIONAL NEUROSCIENCE	CHARACTERIZATION AND TARGETING OF A NOVEL PATHWAY PROMOTING PARKINSON'S DISEASE
COLLEGE OF OSTEOPATHIC MEDICINE					
3	\$595,085	NATIONAL INST DIABETES & DIGESTIVE & KIDNEY DISEASES	Tykocki, Nathan	PHARMACOLOGY TOXICOLOGY	BLADDER WALL STIFFNESS DRIVES SENSATION OF FULLNESS
4	\$658,038	NATIONAL INST OF HEALTH	Boivin, Michael	PSYCHIATRY OSTEOPATHIC MEDICINE	CONGOLESE MOTHER AND CHILD MENTAL HEALTH IN RESPONSE TO EARLY CHILD DEVELOPMENT INTERVENTIONS

Michigan State University 3 Year Annualized Average Awards



Source: MSU Sponsored Programs Award Data

1/11/2024

*Award dates based on calendar months (varies from Trustee cycle)

Top 10 Awards for the February 2, 2024 BOT Meeting

Rank	Sponsor Type	Award Amount	Principal Investigator	Sponsor	Department	New or Modification	Award Activity Type	Project Dates	Project Title
1	State of Michigan	\$3,000,000	Sarah Gretter	Michigan Dept of Education	APPLE DEVELOPER ACADEMY	New	Education/Instruction	10/01/2023 09/30/2024	67c MSU Developer Academy
2	Federal Government	\$2,687,186	Cristian Meghea	National Inst of Health	OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO	New	Research	08/17/2023 07/31/2030	Maternal Health Multilevel Intervention/s for Racial Equity (MIRACLE) Center
3	Federal Government	\$2,424,341	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
4	Federal Government	\$2,322,479	Victor DiRita	Centers for Disease Control & Prevention	MICROBIOLOGY, GENETICS, IMMUNOLOGY CNS	New	Research	10/01/2023 07/31/2024	COVID-19 Genome Sequencing Response MSU-MI-SAPPHIRE (Year 3)
5	Federal Government	\$2,000,000	Nihar Mahapatra	National Science Foundation	ELECTRICAL AND COMPUTER ENGINEERING	New	Research	12/15/2023 11/30/2026	NSF Convergence Accelerator Track H: An Inclusive, Human-Centered, and Convergent Framework for Transforming Voice AI Accessibility for People Who Stutter
6	Federal Government	\$1,731,182	Huacheng Zeng	US Dept of Commerce	COMPUTER SCIENCE AND ENGINEERING	New	Research	12/01/2023 11/30/2027	AI-Enabled Efficient Testing and Evaluation for RU, DU and CU Components of 5G Radio Access Networks
7	Federal Government	\$1,376,280	Mary Hausbeck	National Inst of Food & Agriculture	ENTOMOLOGY AGRICULTURE AND NATURAL RES	Modification	Research	08/01/2021 07/31/2024	IR-4 Minor Crop Pest Management
8	Federal Government	\$1,275,000	Nicholas Haddad	National Science Foundation	KELLOGG BIOLOGICAL STATION NAT SCI	Modification	Research	12/01/2022 11/30/2028	LTER: KBS - Ecological and social mechanisms of resilience in agroecosystems
9	Other	\$1,258,187	Shawn Turner	Corp for Public Broadcasting	BROADCASTING SERVICES	New	Public Service	10/01/2023 09/30/2025	CSG Funding for WKAR TV 2023-25
10	Federal Government	\$1,122,000	Kimberly Dodd	US Dept of Agriculture	VETERINARY DIAGNOSTIC LABORATORY	New	Public Service	11/15/2023 11/14/2027	NAHLN-NBAF Partnering to Improve Early Detection in our Nation's Veterinary Laboratory System
	TOTAL	\$19,196,655							

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	\$680,431	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
2	\$62,597	INTL FOOD POLICY RESEARCH INST	Goeb, Joseph	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	RESEARCH SUPPORT TO IFPRI-MALAWI
3	\$23,000	WORLD BANK	Jin, Songqing	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	RESEARCH ON THE AGRICULTURAL PRODUCTIVITY EFFECTS OF ONE OF INDIA'S WORKFARE PROGRAMS
4	\$111,560	SYNERGISTIC HAWAII AGRICULTURE COUNCIL	Maredia, Mywish	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	COORDINATED APPROACH TO COFFEE LEAF RUST - ECONOMIC COST BENEFIT ANALYSIS OF CONTROL METHODS
5	\$600,000	FOREIGN AGRICULTURAL SERVICE	Maredia, Mywish	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	SUPPORT FOR APPLIED RESEARCH AND ANALYSIS IN KENYA AND EAST AFRICA REGION (SARA-KEA)
6	\$158,500	CHARLES STEWART MOTT FOUNDATION	Scorsone, Eric	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	INVESTIGATING THE CONDITION AND INVESTMENT NEEDS OF MICHIGAN'S DRINKING WATER INFRASTRUCTURE: POLICY AND FINANCING RAMIFICATIONS
7	\$584,042	NATIONAL INST OF HEALTH	Cibelli, Jose	ANIMAL SCIENCE DEPARTMENT ANR	ESTABLISHING AN INTEGRATED PLATFORM FOR DIPLOID GERMPLASM CONSERVATION IN ZEBRAFISH (DANIO RERIO)
8	\$51,333	JH BIOTECH, INC	Kim, Kwangwook	ANIMAL SCIENCE DEPARTMENT ANR	EFFECTS OF BACILLUS SUBTILIS COMBINED WITH PLANT EXTRACTS (TRUPHYTE PRO) ON PERFORMANCE AND GUT HEALTH OF PIGS DURING THE POSTWEANING PERIOD
9	\$218,996	UNIVERSITY OF WISCONSIN	Vandehaar, Michael	ANIMAL SCIENCE DEPARTMENT ANR	INTEGRATING GENOMIC, NUTRITIONAL, AND MICROBIAL STRATEGIES TO MITIGATE ENTERIC METHANE EMISSIONS FROM DAIRY CATTLE
10	\$185,000	KANSAS STATE UNIV	Das, Narendra	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	DROUGHT MONITORING AND FORECASTING OVER USAID TARGET CONTOURITES
11	\$500,000	NATIONAL INST OF FOOD & AGRICULTURE	Jeong, Sanghyup	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	COLLABORATIVE RESEARCH: CPS: MEDIUM: ON-LINE CONTROL AND SOFT-SENSING FOR THERMAL FOOD PROCESSING BASED ON A REDUCED-ORDER MODELING APPROACH

Gift, Grant and Contract Report
Board of Trustees
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	Amount	Sponsor	Principal Investigator/Director	Unit	Project Title
12	\$178,597	KANSAS STATE UNIV	Nejadhashemi, Amirpouyan	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	DEVELOPMENT OF A DATA-DRIVEN CROP MODEL FOR YIELD PREDICTION IN SENEGAL
13	\$43,900	MICHIGAN FOOD & FARMING SYSTEMS	Johnson, Keesa	DEPARTMENT OF COMMUNITY SUSTAINABILITY	FARM BUSINESS RECORD KEEPING FOR THE GLOBAL MAJORITY
14	\$825,000	W K KELLOGG FOUNDATION	Shedd, Meagan	DEPARTMENT OF COMMUNITY SUSTAINABILITY	FOOD SYSTEMS NARRATIVE CHANGE AND POWER FOR ACTION
15	\$10,000	OHIO STATE UNIV	Difonzo, Christina	ENTOMOLOGY AGRICULTURE AND NATURAL RES	RESEARCH AND EXTENSION ON EMERGING SOYBEAN PESTS IN THE NORTH CENTRAL REGION
16	\$1,376,280	NORTH CAROLINA STATE UNIV	Hausbeck, Mary	ENTOMOLOGY AGRICULTURE AND NATURAL RES	IR-4 MINOR CROP PEST MANAGEMENT
17	\$100,000	PENNSYLVANIA STATE UNIV	Maredia, Karimbhai	ENTOMOLOGY AGRICULTURE AND NATURAL RES	USAID CURRENT AND EMERGING THREATS TO CROPS (CETC) INNOVATION LAB (IL)
18	\$749,999	NATIONAL INST OF FOOD & AGRICULTURE	Mota-Sanchez, David	ENTOMOLOGY AGRICULTURE AND NATURAL RES	GREAT LAKES LATINA/O FARMERS PROGRAM
19	\$210,237	MICHIGAN DEPT OF NATURAL RESOURCES	Belant, Jerrold	FISHERIES AND WILDLIFE	DEVELOPING A COST-EFFECTIVE TECHNIQUE TO ESTIMATE WOLF ABUNDANCE IN MICHIGAN
20	\$230,500	MICHIGAN DEPT OF NATURAL RESOURCES	Belant, Jerrold	FISHERIES AND WILDLIFE	WHITE PAPER ASSESSING NON-TRADITIONAL HARVEST OF DEER IN MICHIGAN
21	\$20,000	VARIOUS FOUNDATIONS	Belant, Jerrold	FISHERIES AND WILDLIFE	BOONE AND CROCKETT PROGRAM
22	\$30,000	FOOD & AGRICULTURE ORGANIZATION OF THE UNITED NATIONS	Bennett, Abigail	FISHERIES AND WILDLIFE	DEVELOPMENT OF A GUIDEBOOK FOR ESTIMATING THE VALUE ADDED CONTRIBUTION OF SMALL-SCALE FISHERIES TO NATIONAL ECONOMIES
23	\$7,209	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)
24	\$487,242	GREAT LAKES FISHERY COMMISSION	Li, Weiming	FISHERIES AND WILDLIFE	DR. WEIMING LI PERM AGREEMENT
25	\$28,643	GREAT LAKES FISHERY COMMISSION	Li, Weiming	FISHERIES AND WILDLIFE	VALIDATE AND APPLY SEA LAMPREY DIET ANALYSIS USING DNA METABARCODING

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	Amount	Sponsor	Principal Investigator/Director	Unit	Project Title
26	\$925,754	GREAT LAKES FISHERY COMMISSION	Li, Weiming	FISHERIES AND WILDLIFE	PERSONNEL AND OPERATIONS COST FOR SEA LAMPREY GML LAB-PERM
27	\$370,882	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
28	\$102,651	MICHIGAN DEPT OF NATURAL RESOURCES	Pomeranz, Emily	FISHERIES AND WILDLIFE	PERM: EMILY POMERANZ – HUMAN DIMENSIONS CONSIDERATIONS IN WILDLIFE MANAGEMENT
29	\$613,054	MICHIGAN DEPT OF NATURAL RESOURCES	Roloff, Gary	FISHERIES AND WILDLIFE	EVALUATING OUTCOMES OF HABITAT MANAGEMENT ON SOUTHERN MICHIGAN STATE GAME AREAS
30	\$49,246	MICHIGAN DEPT OF NATURAL RESOURCES	Roloff, Gary	FISHERIES AND WILDLIFE	QUANTIFYING FACTORS AFFECTING CHRONIC WASTING DISEASE TRANSMISSION AMONG DEER
31	\$275,175	MICHIGAN DEPT OF NATURAL RESOURCES	Roloff, Gary	FISHERIES AND WILDLIFE	STUDY 237026: REHABILITATION OF LAKE STURGEON ACIPENSER FULVESCENS POPULATIONS IN MICHIGAN
32	\$50,591	MICHIGAN DEPT OF NATURAL RESOURCES	Warwick, Alexa	FISHERIES AND WILDLIFE	PERM: ALEXA WARWICK – ENGAGEMENT, OUTREACH, AND HUMAN DIMENSIONS IN WILDLIFE MANAGEMENT
33	\$60,398	MICHIGAN DEPT OF NATURAL RESOURCES	Winterstein, Scott	FISHERIES AND WILDLIFE	GREAT LAKES MALLARD MOVEMENTS, HABITAT SELECTION, SURVIVAL, AND PRODUCTIVITY
34	\$17,124	LESAFFRE NORTH AMERICA	Bergholz, Teresa	FOOD SCIENCE AND HUM NUTRITION ANR	QUANTIFYING EFFECT OF PHAGE TREATMENT ON PATHOGEN REDUCTION ON WHEAT GRAIN
35	\$12,416	BIOIONIX	Bergholz, Teresa	FOOD SCIENCE AND HUM NUTRITION ANR	EVALUATING EFFICACY OF ELECTROLYZED WATER FOR PATHOGEN CONTROL ON WHEAT GRAIN
36	\$12,416	MENNEL MILLING CO	Bergholz, Teresa	FOOD SCIENCE AND HUM NUTRITION ANR	EVALUATING EFFICACY OF ELECTROLYZED WATER FOR PATHOGEN CONTROL ON WHEAT GRAIN
37	\$46,994	INTERNATIONAL ASSOCIATION OF FIRE FIGHTERS	Carignan, Courtney	FOOD SCIENCE AND HUM NUTRITION ANR	FIRE FIGHTER PFAS EXPOSURE STUDY
38	\$399,936	GREENACRES FOUNDATION	Fenton, Jenifer	FOOD SCIENCE AND HUM NUTRITION ANR	BUILDING THE GRASS-FINISHED BEEF FEED TESTING DATABASE: NUTRIENT DENSITY AND TRANSCRIPTOMICS
39	\$133,770	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
40	\$48,320	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	Strakovsky, Rita	FOOD SCIENCE AND HUM NUTRITION ANR	THE ILLINOIS KIDS DEVELOPMENT STUDY ECHO PREGNANCY AND PEDIATRIC COHORT

Gift, Grant and Contract Report
Board of Trustees
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	Amount	Sponsor	Principal Investigator/Director	Unit	Project Title
41	\$40,000	SUSTAINABLE FORESTRY INITIATIVE INC	Lupien, Sandra	FORESTRY	ASSESSING APPROACHES FOR CLIMATE CHANGE ADAPTATION AND MITIGATION ACROSS NORTH AMERICA
42	\$100,000	AGC VINYTHAI CO., LTD	Nejad, Mojgan	FORESTRY	LIGNIN-BASED EPOXY, WATER DISPERSION RESINS FOR COATING APPLICATION
43	\$200,000	ALLNEX BELGIUM	Nejad, Mojgan	FORESTRY	LIGNIN-BASED EPOXY, WATER DISPERSION RESINS FOR COATING APPLICATION
44	\$153,786	NATIONAL INST OF FOOD & AGRICULTURE	Pokharel, Raju	FORESTRY	BUILDING FOREST CARBON AND MARKET DECISION SUPPORT TOOL AND CAPACITY BUILDING IN THE LAKE STATES
45	\$50,000	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Stark, Scott	FORESTRY	CAN SOLAR-INDUCED FLUORESCENCE (SIF) REVEAL LEAF-SCALE DRIVERS OF AMAZON FOREST RESPONSE TO CLIMATE AND DISTURBANCE? A CHRISTMAS BLOWDOWN PRESENTS A NEW OPPORTUNITY TO IMPROVE SIF REMOTE SENSING SCI..
46	\$81,846	CORNELL UNIV	Beaudry, Randolph	HORTICULTURE ANR	BENEFITS OF AND BARRIERS TO DYNAMIC CONTROLLED ATMOSPHERE (DCA) STORAGE: ANALYSES NEEDED FOR TECHNOLOGY UPTAKE BY THE U.S. APPLE INDUSTRY
47	\$260,504	UTAH STATE UNIV	Einhorn, Todd	HORTICULTURE ANR	IMPROVING THE ECONOMIC AND ENVIRONMENTAL SUSTAINABILITY OF TART CHERRY PRODUCTION THROUGH PRECISION MANAGEMENT
48	\$100,000	LOS ALAMOS NATL LABORATORY	Bonito, Gregory	PLANT SOIL AND MICROBIAL SCIENCES	BACTERIAL-FUNGAL INTERACTIONS AND THEIR ROLE IN SOIL FUNCTIONING
49	\$14,343	MICHIGAN POTATO INDUSTRY COMMISSION	Burns, Erin	PLANT SOIL AND MICROBIAL SCIENCES	EVALUATING NEW POTATO VARIETIES FOR HERBICIDE SENSITIVITY AND INVESTIGATING INTEGRATED WEED MANAGEMENT STRATEGIES FOR POTATOES
50	\$15,104	CATHOLIC RELIEF SERVICES	Chikowo, Regis	PLANT SOIL AND MICROBIAL SCIENCES	CALIBRATION OF AN ACCESSIBLE AND AFFORDABLE TOOL FOR ORGANIC CARBON MONITORING AT SCALE IN CRS LAND RESTORATION PLATFORMS
51	\$25,000	UTZ QUALITY FOODS INC	Douches, David	PLANT SOIL AND MICROBIAL SCIENCES	UTZ
52	\$6,000	MICHIGAN TURFGRASS FOUNDATION	Frank, Kevin	PLANT SOIL AND MICROBIAL SCIENCES	2022 - 2023 TURFGRASS RESEARCH
53	\$98,780	MICHIGAN ONION COMMITTEE	Hausbeck, Mary	PLANT SOIL AND MICROBIAL SCIENCES	INFLUENCE OF TIP/LEAF BURN AND NEW FUNGICIDES ON ONION STEMPHYLIUM LEAF BLIGHT
54	\$159,082	MICHIGAN POTATO INDUSTRY COMMISSION	Long, Christopher	PLANT SOIL AND MICROBIAL SCIENCES	MICHIGAN POTATO RESEARCH TECHNICIAN

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55	\$6,000	MICHIGAN TURFGRASS FOUNDATION	Merewitz Holm, Emily	PLANT SOIL AND MICROBIAL SCIENCES	2021-22 TURFGRASS RESEARCH
56	\$99,000	MICHIGAN BLUEBERRY COMMISSION	Miles, Timothy	PLANT SOIL AND MICROBIAL SCIENCES	ADVANCING ETIOLOGY, DETECTION, AND MANAGEMENT OF MICHIGAN BLUEBERRY VIRUSES
57	\$25,000	OKLAHOMA STATE UNIV	Miles, Timothy	PLANT SOIL AND MICROBIAL SCIENCES	DIAGNOSTIC ASSAY VALIDATION NETWORK (DAVN) TO COORDINATE AND HARMONIZE DIAGNOSTIC ASSAY DEVELOPMENT AND VALIDATION FOR PLANT DISEASES
58	\$37,500	LEHIGH AGRICULTURE & BIOLOGICAL SERVICES INC	Miles, Timothy	PLANT SOIL AND MICROBIAL SCIENCES	GIFT TO SUPPORT RESEARCH PROGRAM
59	\$12,000	NUFARM AMERICAS INC	Nikolai, Thomas	PLANT SOIL AND MICROBIAL SCIENCES	RESEARCH GIFT FROM NUFARM PRODUCTS
60	\$73,000	US ISRAEL BINATIONAL AG RSCH DEV FUND	Patterson, Eric	PLANT SOIL AND MICROBIAL SCIENCES	CAN WEED SPECIES ADAPT TO CLIMATE CHANGE AND AGRICULTURAL PRACTICE VIA TRANSGENERATIONAL PHENOTYPIC PLASTICITY?
61	\$10,070	KENTUCKY SMALL GRAIN GROWERS ASSOC	Pennington, Dennis	PLANT SOIL AND MICROBIAL SCIENCES	YEN EXPANSION INTO KENTUCKY
62	\$6,000	MICHIGAN TURFGRASS FOUNDATION	Rogers, John	PLANT SOIL AND MICROBIAL SCIENCES	2022 - 2023 TURFGRASS RESEARCH
63	\$9,700	SOUTHERN ILLINOIS UNIV	Rojas, J. Alejandro	PLANT SOIL AND MICROBIAL SCIENCES	THE CONTINUED DEVELOPMENT AND DISSEMINATION OF A COMPREHENSIVE AND SUSTAINABLE MANAGEMENT PROGRAM FOR THE MAIN FOLIAR DISEASES OF SOYBEAN
64	\$10,000	OHIO STATE UNIV	Singh, Maninderpal	PLANT SOIL AND MICROBIAL SCIENCES	D1 - SPROUTING SOYBEANS: MANAGEMENT STRATEGIES THAT REDUCE LATE-SEASON YIELD LOSS AND PROTECT SEED QUALITY
65	\$10,000	OHIO STATE UNIV	Singh, Maninderpal	PLANT SOIL AND MICROBIAL SCIENCES	D2 - SPROUTING SOYBEANS: MANAGEMENT STRATEGIES THAT REDUCE LATE-SEASON YIELD LOSS AND PROTECT SEED QUALITY
66	\$14,933	MICHIGAN POTATO INDUSTRY COMMISSION	Steinke, Kurt	PLANT SOIL AND MICROBIAL SCIENCES	SLOW-RELEASE POTASSIUM AND IMPACTS ON POTATO DEVELOPMENT AND YIELD
67	\$6,000	MICHIGAN TURFGRASS FOUNDATION	Vargas, Joseph	PLANT SOIL AND MICROBIAL SCIENCES	2022 - 2023 TURFGRASS RESEARCH

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68	\$25,000	MICHIGAN POTATO INDUSTRY COMMISSION	Willbur, Jaime	PLANT SOIL AND MICROBIAL SCIENCES	IMPROVEMENT OF INTEGRATED MANAGEMENT STRATEGIES FOR POTATO FOLIAR, SEED, AND POSTHARVEST DISEASE CONCERNS IN MICHIGAN
COLLEGE OF ARTS AND LETTERS					
69	\$9,958	TOWSON UNIVERSITY	Bongiovanni, Silvina	ROMANCE AND CLASSICAL STUDIES	DEVELOPMENT AND EVALUATION OF HIGH VARIABILITY PHONETIC TRAINING (HVPT) IN WORLD LANGUAGE CLASSROOMS
ELI BROAD COLLEGE OF BUSINESS					
70	\$55,232	NATIONAL INSTITUTE FOR HEALTH CARE MANAGEMENT FOUNDATION	Jiang, Xuefeng	ACCOUNTING AND INFORMATION SYSTEMS	EVALUATING THE EFFECTIVENESS OF THE HOSPITAL PRICE TRANSPARENCY RULE IN PRICE REDUCTION
COLLEGE OF COMMUNICATION ARTS SCIENCES					
71	\$60,189	CORP FOR PUBLIC BROADCASTING	Turner, Shawn	BROADCASTING SERVICES	RESTRICTED CSG FOR WKAR RADIO 2023-25
72	\$168,491	CORP FOR PUBLIC BROADCASTING	Turner, Shawn	BROADCASTING SERVICES	UNRESTRICTED CSG FUNDING FOR WKAR RADIO 2023-25
73	\$1,258,187	CORP FOR PUBLIC BROADCASTING	Turner, Shawn	BROADCASTING SERVICES	CSG FUNDING FOR WKAR TV 2023-25
74	\$72,710	CORP FOR PUBLIC BROADCASTING	Turner, Shawn	BROADCASTING SERVICES	UNIVERSAL SERVICE SUPPORT GRANT CPB WKAR TV 2023-25
75	\$20,000	WGBH EDUCATIONAL FOUNDATION	Turner, Shawn	BROADCASTING SERVICES	NOVA'S SCIENCE + SOCIETY PROJECT YEAR 3: LOCAL STATION COLLABORATION
76	\$20,688	CORP FOR PUBLIC BROADCASTING	Turner, Shawn	BROADCASTING SERVICES	2023 CPB INTERCONNECT GRANT FOR WKAR-TV
77	\$57,327	UNIVERSITY OF WISCONSIN MILWAUKEE	Campos-Castillo, Celeste	MEDIA AND INFORMATION	AUTISM BRILLIANCE LABORATORY FOR ENTREPRENEURSHIP (ABLE)
COLLEGE OF EDUCATION					
78	\$495,000	LANSING SCHOOL DISTRICT	Beverly, Bryan	CED OUTREACH	LANSING SCHOOL DISTRICT FELLOWSHIP OF INSTRUCTIONAL LEADERS 2023-24
79	\$79,995	UNIVERSITY OF NEVADA LAS VEGAS	Linnenbrink-Garcia, Lisa	COUNSELING, EDUC PSYCH SPEC EDUC	COLLABORATIVE RESEARCH FOR THE DEVELOPMENT OF M-PLANS (MOTIVATION-PLANNING LESSONS TO ACTIVATE ENGAGEMENT IN SCIENCE)
80	\$235,524	US DEPT OF EDUCATION	Rispoli, Kristin	COUNSELING, EDUC PSYCH SPEC EDUC	PREPARING FACILITATORS OF COMPASSION AND CULTURAL HUMILITY IN UNDERREPRESENTED STUDENTS IN SCHOOL PSYCHOLOGY AND SPECIAL EDUCATION (PROJECT FOCCUS3)

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81	\$5,376	KESSLER FOUNDATION	Sung, Connie	COUNSELING, EDUC PSYCH SPEC EDUC	IMPROVING SOCIAL SKILLS IN YOUTH WITH BRAIN INJURY: A GROUP-BASED INTERVENTION UPDATED FOR THE DIGITAL GENERATION
82	\$250,000	JOYCE FOUNDATION	Kilbride, Tara	EDUCATION POLICY CENTER	MICHIGAN TEACHER WORKFORCE RESEARCH
83	\$10,484	UNIVERSITY OF CALIFORNIA LOS ANGELES	Austin, Ann	EDUCATIONAL ADMINISTRATION	COLLABORATIVE RESEARCH: A CIRTL CHANGE LEADERSHIP DEVELOPMENT PROGRAM: DEVELOPING CHANGE LEADERS TO REVOLUTIONIZE TEACHING AND LEARNING IN HIGHER EDUCATION
84	\$60,000	THE FAR FUND	Cox, Brad	EDUCATIONAL ADMINISTRATION	POSTSECONDARY EDUCATION: AUTISTIC COLLEGE STUDENTS' EXPERIENCES OF SUCCESS (PEACES)
85	\$249,997	STEELCASE FOUNDATION	Dhaliwal, Tasminda	EDUCATIONAL ADMINISTRATION	KENT ISD RESTORATIVE PRACTICES RESEARCH-PRACTICE PARTNERSHIP: A LONGITUDINAL EVALUATION OF IMPLEMENTATION AND OUTCOMES
86	\$992,626	WILLIAM & FLORA HEWLETT FOUNDATION	Burgess, Terrance	TEACHER EDUCATION	RACIAL JUSTICE IN TEACHER EDUCATION NETWORKED IMPROVEMENT COMMUNITY (RJTE NIC)
87	\$477,701	NORTHWESTERN UNIV	Gotwals, Amelia	TEACHER EDUCATION	OPENSIED ELEMENTARY DEVELOPERS CONSORTIUM: SUPPORTING MEANINGFUL THREE-DIMENSIONAL SCIENCE AND LITERACY FOR K-5 CLASSROOMS
COLLEGE OF ENGINEERING					
88	\$104,860	OAK RIDGE NATIONAL LABORATORY	Hickner, Michael	CHEMICAL ENGINEERING AND MATERIALS SCI	FAST AND COOPERATIVE ION TRANSPORT IN POLYMER-BASED ELECTROLYTES (FACT)
89	\$320,000	UNIVERSITY OF PENNSYLVANIA	Hickner, Michael	CHEMICAL ENGINEERING AND MATERIALS SCI	THE ROLE OF LOCAL STRUCTURE AND DYNAMICS ON PROTON AND HYDROXIDE TRANSPORT IN THE ION-CONDUCTING POLYMERS
90	\$24,911	MAGNA SERVICES OF AMERICA INC	Szczepanski, Caroline	CHEMICAL ENGINEERING AND MATERIALS SCI	BIOINSPIRED SOLUTIONS TO INCREASE PAYLOAD CAPACITY
91	\$159,991	MINNESOTA DEPT OF TRANSPORTATION	Cetin, Bora	CIVIL AND ENVIRONMENTAL ENGINEERING	A SYNTHESIS OF USAGE AND PERFORMANCE OF DAYLIGHTED BASES IN COMPARISON TO EDGE DRAINS
92	\$160,000	MINNESOTA DEPT OF TRANSPORTATION	Cetin, Bora	CIVIL AND ENVIRONMENTAL ENGINEERING	IMPROVING THE RESILIENCY AND DURABILITY OF PAVEMENT FOUNDATION SYSTEMS VIA ENGINEERED WATER REPELLENCY
93	\$119,009	TEXAS A&M UNIV	Congress, Surya Sarat Chandra	CIVIL AND ENVIRONMENTAL ENGINEERING	IMPROVING SAFETY GRADE CROSSINGS USING UAV-CRP DATA ANALYSIS
94	\$104,000	ARGONNE NATIONAL LABORATORY	Ghamami, Mehrnaz	CIVIL AND ENVIRONMENTAL ENGINEERING	CASE STUDIES AND STRATEGIES TO ASSESS IMPACTS OF TEMPORAL PRICING POLICIES, GRID CAPACITY, AND INVESTMENT TRADE-OFF

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95	\$295,199	GREAT LAKES WATER AUTHORITY	Xagorarakis, Irene	CIVIL AND ENVIRONMENTAL ENGINEERING	SURVEILLANCE OF DETROIT WASTEWATER FOR IDENTIFICATION OF ENDEMIC AND EMERGING DISEASES
96	\$100,000	LOS ALAMOS NATL LABORATORY	Murillo, Michael	COMPUTATIONAL MATH SCI AND ENGR EGR	AGENT BASED MODELS OF REGIONAL CONFLICT
97	\$29,859	ROCHESTER INST OF TECHNOLOGY	Kong, Yu	COMPUTER SCIENCE AND ENGINEERING	BAITBUSTER 2.0: KEEPING USERS AWAY FROM CLICKBAIT
98	\$85,707	ROCHESTER INST OF TECHNOLOGY	Kong, Yu	COMPUTER SCIENCE AND ENGINEERING	DEFAKE: DEPLOYING A TOOL FOR ROBUST DEEPPFAKE DETECTION
99	\$84,372	UNIVERSITY OF SOUTHERN CALIFORNIA	Tang, Jiliang	COMPUTER SCIENCE AND ENGINEERING	INTELLIGENT, ADAPTIVE PROGRAM WITH JUST-IN-TIME FEEDBACK FOR PRESERVICE TEACHERS
100	\$1,731,182	US DEPT OF COMMERCE	Zeng, Huacheng	COMPUTER SCIENCE AND ENGINEERING	AI-ENABLED EFFICIENT TESTING AND EVALUATION FOR RU, DU AND CU COMPONENTS OF 5G RADIO ACCESS NETWORKS
101	\$65,000	EXTREME WAVES, INC.	Ettorre, Mauro	ELECTRICAL AND COMPUTER ENGINEERING	GIFT BY EXTREME-WAVES TO DR. ETTORRE'S RESEARCH GROUP
102	\$50,000	MICHIGAN TECHNOLOGICAL UNIVERSITY	Fan, Qi	ELECTRICAL AND COMPUTER ENGINEERING	DEVELOP MOISTURE BARRIER COATINGS FOR PACKAGING
103	\$75,000	OFFICE OF NAVAL RESEARCH	Kiumarsi, Bahare	ELECTRICAL AND COMPUTER ENGINEERING	TOWARDS HIGH-CONFIDENCE REINFORCEMENT LEARNING ALGORITHMS FOR SAFETY-CRITICAL SYSTEMS VIA DUAL PROCESS THEORY OF REASONING
104	\$2,000,000	NATIONAL SCIENCE FOUNDATION	Mahapatra, Nihar	ELECTRICAL AND COMPUTER ENGINEERING	NSF CONVERGENCE ACCELERATOR TRACK H: AN INCLUSIVE, HUMAN-CENTERED, AND CONVERGENT FRAMEWORK FOR TRANSFORMING VOICE AI ACCESSIBILITY FOR PEOPLE WHO STUTTER
105	\$50,000	LOCKHEED MARTIN CORP	Nanzer, Jeffrey	ELECTRICAL AND COMPUTER ENGINEERING	JOINT COMMUNICATIONS AND WIRELESS COORDINATION FOR DISTRIBUTED ANTENNA ARRAYS
106	\$75,000	TEXAS INSTRUMENTS INC	Papapolymerou, Ioannis	ELECTRICAL AND COMPUTER ENGINEERING	MEMBERSHIP FOR SPARTE: SPACE ELECTRONICS CENTER
107	\$348,075	MICHIGAN ECONOMIC DEVELOPMENT CORP	Sepulveda Alancastro, Nelson	ELECTRICAL AND COMPUTER ENGINEERING	SEMICONDUCTOR SCHOLARS PROGRAM AT MSU

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108	\$124,570	UNIVERSITY OF CALIFORNIA SAN DIEGO	Srivastava, Vaibhav	ELECTRICAL AND COMPUTER ENGINEERING	HUMAN AUTONOMY TEAMING IN UNCERTAIN AND DYNAMIC ENVIRONMENTS
109	\$395,926	NATIONAL INST OF HEALTH	Aguirre, Aitor	INSTITUTE FOR QUANTITATIVE HEALTH	OXYLIPIN SIGNALING IN CONGENITAL HEART DISEASE
110	\$538,000	KOREA INST OF INDUSTRIAL TECHNOLOGY	Kwon, Patrick	MECHANICAL ENGINEERING	DEVELOPMENT OF PROCESS OPTIMIZATION TECHNOLOGY BASED ON LIFE CYCLE DATA IN MACHINING PROCESS
111	\$230,000	US DEPT OF THE ARMY	Naguib, Ahmed	MECHANICAL ENGINEERING	LARGE-AMPLITUDE, MULTI-DEGREE OF FREEDOM FLOW-INDUCED VIBRATIONS OF RECTANGULAR CYLINDERS
112	\$62,603	UNIVERSITY OF COLORADO BOULDER	Roccabianca, Sara	MECHANICAL ENGINEERING	THE INTERPLAY BETWEEN ACTIVE AND PASSIVE MECHANICS IN THE AGING BLADDER
113	\$43,227	CLEMSON UNIV	Zhu, Guoming	MECHANICAL ENGINEERING	CO-DREAM OER (COLLABORATIVE DEVELOPMENT OF ROBOTICS EDUCATION AND ADVANCED MANUFACTURING OPEN EDUCATIONAL RESOURCES)
COLLEGE OF HUMAN MEDICINE					
114	\$169,000	STEPHANIE H. & DAVID A. SPINA FAMILY FOUNDATION	Custack, Amy	CS MOTT DEPARTMENT OF PUBLIC HEALTH	FLINT KIDS COOK
115	\$75,000	BLUE CROSS BLUE SHIELD OF MICHIGAN FOUNDATION	Hanna-Attisha, Mona	CS MOTT DEPARTMENT OF PUBLIC HEALTH	RX KIDS: PRENATAL AND INFANT ALLOWANCES IN FLINT, MI
116	\$12,500	HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES	Pearson, Amber	CS MOTT DEPARTMENT OF PUBLIC HEALTH	DIFFERENTIAL EFFECTS OF AIR POLLUTION ON INFLAMMATORY RESPONSES BY RACE: A PATHWAY TO CANCER DISPARITIES
117	\$109,807	CITY OF FLINT	Sadler, Richard	CS MOTT DEPARTMENT OF PUBLIC HEALTH	RESILIENCY IN COMMUNITIES AFTER STRESS AND TRAUMA - FLINT (RECAST)
118	\$98,360	OHIO STATE UNIV	Hirko, Kelly	EPIDEMIOLOGY AND BIOSTATISTICS	ALCOHOL COUNTER MARKETING AS A BREAST CANCER PREVENTION STRATEGY IN YOUNG WOMEN
119	\$70,000	WAYNE STATE UNIV	Misra, Dawn	EPIDEMIOLOGY AND BIOSTATISTICS	COVID-19 VACCINATION FOR UNDERSERVED POPULATION
120	\$56,885	UNIVERSITY OF CENTRAL FLORIDA	Misra, Dawn	EPIDEMIOLOGY AND BIOSTATISTICS	EPIGENETIC AGING, SOCIAL FACTORS, AND PRETERM BIRTH AMONG BLACK WOMEN
121	\$29,979	UNIVERSITY OF ALABAMA AT BIRMINGHAM	Vazquez, Ana	EPIDEMIOLOGY AND BIOSTATISTICS	FUNCTIONAL AND INTEGRATIVE OMICS OF RECURRENT GOUT FLARES

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122	\$63,246	OREGON HEALTH & SCIENCE UNIVERSITY	Boivin, Michael	HUMAN MEDICINE DEAN	NEUROEBOLA
123	\$150,000	ACADEMYHEALTH	Oostema, John	HUMAN MEDICINE DEAN	USING NATURAL LANGUAGE PROCESSING TECHNIQUES TO UNDERSTAND EMS DECISION MAKING THAT CONTRIBUTES TO MISSED AND DELAYED DIAGNOSIS OF ACUTE STROKE
124	\$11,556	RUTGERS UNIVERSITY	Arora, Ripla	INSTITUTE FOR QUANTITATIVE HEALTH	INNATE IMMUNE MECHANISMS AT THE MATERNAL-FETAL INTERFACE IN NORMAL AND SUPEROVULATORY PREGNANCY
125	\$396,540	NATIONAL INST OF HEALTH	Gu, Bin	INSTITUTE FOR QUANTITATIVE HEALTH	DEVELOPING A CLINICALLY-RELEVANT GENETICALLY ENGINEERED MOUSE MODEL FOR NUT CARCINOMA
126	\$109,060	HENRY FORD HEALTH SYSTEM	Shammakhi, Nureddin	INSTITUTE FOR QUANTITATIVE HEALTH	DEVELOPMENT OF A PROREGENERATIVE OXYGEN RELEASING PATCH THAT CAN BE USED TO ENHANCE WOUND HEALING
127	\$18,026	UNIVERSITY OF CALIFORNIA LOS ANGELES	Shammakhi, Nureddin	INSTITUTE FOR QUANTITATIVE HEALTH	MULTI-ORGAN-ON-CHIP DEVICE FOR MODELING OPIOID REINFORCEMENT AND WITHDRAWAL, AND THE NEGATIVE AFFECTIVE COMPONENT OF PAIN: A THERAPEUTIC SCREENING TOOL
128	\$61,944	UNIVERSITY OF TARTU	Shammakhi, Nureddin	INSTITUTE FOR QUANTITATIVE HEALTH	MULTIFUNCTIONAL COMPOSITES OF NANOFIBER-BASED 3D BIOPRINTED CONSTRUCTS FOR BONE TISSUE ENGINEERING
129	\$100,750	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	Luke, Barbara	OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO	IN VITRO FERTILIZATION OUTCOMES AFTER CANCER
130	\$2,687,186	NATIONAL INST OF HEALTH	Meghea, Cristian	OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO	MATERNAL HEALTH MULTILEVEL INTERVENTION/S FOR RACIAL EQUITY (MIRACLE) CENTER
131	\$699,786	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Roman, Leeanne	OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO	MICHIGAN PAY-FOR-SUCCESS DEMONSTRATION: REACHING BLACK AND HISPANIC WOMEN AT GREATEST RISK TO IMPROVE OUTCOMES (AKA: STRONG BEGINNINGS INITIATIVE)
132	\$145,000	SPECTRUM HEALTH SYSTEM	Chen, Bin	PEDIATRICS AND HUMAN DEVELOPMENT	DELINEATING CELLULAR AND MOLECULAR PATHWAYS IN DIFFERENT STAGES OF CARIOGENIC SHOCK
133	\$47,400	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	English, Boyce	PEDIATRICS AND HUMAN DEVELOPMENT	MC3- COMMUNITY
134	\$80,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Jobe, Shawn	PEDIATRICS AND HUMAN DEVELOPMENT	SICKLE CELL CLINIC EXPANSION AND ENHANCEMENT PROGRAM

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135	\$61,158	HEMOPHILIA FOUNDATION OF MICHIGAN	Jobe, Shawn	PEDIATRICS AND HUMAN DEVELOPMENT	OPERATING SUPPORT GRANT 2023-2024 FOR CENTER FOR BLEEDING AND CLOTTING DISORDER
136	\$556,358	NATIONAL INST OF HEALTH	Sempere, Lorenzo	RADIOLOGY HUMAN MEDICINE	IMAGE-GUIDED INTRADUCTAL ABLATIVE PROCEDURE FOR PRIMARY PREVENTION OF BREAST CANCER
137	\$152,831	RUTGERS UNIVERSITY	Kanaan, Nicholas	TRANSLATIONAL NEUROSCIENCE	DIELDRIN-INDUCED DIFFERENTIAL GENE METHYLATION AND PARKINSONIAN TOXICITY
138	\$49,093	UNIVERSITY OF MICHIGAN	Patterson, Joseph	TRANSLATIONAL NEUROSCIENCE	CHARACTERIZATION AND TARGETING OF A NOVEL PATHWAY PROMOTING PARKINSON'S DISEASE
139	\$131,534	UNIVERSITY OF MICHIGAN	Vega, Irving	TRANSLATIONAL NEUROSCIENCE	MICHIGAN CENTER FOR CONTEXTUAL FACTORS IN ALZHEIMER'S DISEASE
COLLEGE OF MUSIC					
140	\$18,000	MICHIGAN ARTS & CULTURE COUNCIL	Demott, Jaime	COMMUNITY MUSIC SCHOOL	MUSIC EDUCATION OUTREACH TO LOW INCOME STUDENTS
COLLEGE OF NATURAL SCIENCE					
141	\$268,662	NATIONAL INST OF FOOD & AGRICULTURE	Chruszcz, Maksymilian	BIOCHEMISTRY MOLECULAR BIOLOGY CNS	MOLECULAR BASIS OF XENOBIOTIC METABOLISM AND RESISTANCE IN TETRANYCHUS URTICAE
142	\$56,455	HENRY M JACKSON FOUNDATION FOR ADVANCEMENT OF MILITARY MED	Chruszcz, Maksymilian	BIOCHEMISTRY MOLECULAR BIOLOGY CNS	ROLE OF LY6K IN TGF-BETA AND IMMUNE ESCAPE PATHWAYS OF TRIPLE NEGATIVE BREAST CANCER
143	\$18,000	HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES	Hu, Jian	BIOCHEMISTRY MOLECULAR BIOLOGY CNS	DEVELOPING MONOCLONAL ANTIBODIES AGAINST ZIP4 FOR DIAGNOSIS AND THERAPY OF OVARIAN CANCER
144	\$231,467	UNIVERSITY OF VIRGINIA	Kuo, Min	BIOCHEMISTRY MOLECULAR BIOLOGY CNS	TREATING NEUROTOXICITY AND COGNITIVE DEFICITS DUE TO HYPERPHOSPHORYLATED TAU
145	\$20,000	PROSTATE ACTION, INC.	Ogunwobi, Olorunseun	BIOCHEMISTRY MOLECULAR BIOLOGY CNS	ELUCIDATING THE MOLECULAR DIFFERENCES IN PROSTATE CANCER BETWEEN MEN OF DIVERSE ANCESTRY
146	\$602,044	DONALD DANFORTH PLANT SCIENCE CENTER	Rhee, Seung	BIOCHEMISTRY MOLECULAR BIOLOGY CNS	INTEGRATED ENGINEERING OF WHOLE PLANT WATER USE EFFICIENCY IN SORGHUM AND SETARIA
147	\$185,000	US DEPT OF ENERGY	Dantus, Marcos	CHEMISTRY	SISGR: UNDERSTANDING AND CONTROLLING STRONG-FIELD LASER INTERACTIONS WITH POLYATOMIC MOLECULES

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148	\$261,659	NATIONAL INST OF HEALTH	Huang, Xuefei	CHEMISTRY	ENABLING SYNTHESIS AND BIOLOGICAL STUDIES OF HOMOGENEOUS HEPARAN SULFATE AND CHONDROITIN SULFATE GLYCO-POLYPEPTIDES AND PROTEOGLYCANS
149	\$53,580	TULANE UNIV	Sun, Liangliang	CHEMISTRY	COMPUTATIONAL TOOLS FOR PROTEOFORM IDENTIFICATION BY TOP-DOWN DATA INDEPENDENT ACQUISITION MASS SPECTROMETRY
150	\$339,066	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
151	\$71,273	UNIVERSITY OF IOWA	Bazavov, Alexei	COMPUTATIONAL MATH SCI AND ENGR CNS	FOUNDATIONS OF QUANTUM COMPUTING FOR GAUGE THEORIES AND QUANTUM GRAVITY
152	\$20,000	MICHIGAN POTATO INDUSTRY COMMISSION	Basso, Bruno	EARTH AND ENVIRONMENTAL SCIENCES	LINKING PLANT HEALTH WITH SOIL HEALTH INDICATORS: INTEGRATING DATA IN A SYSTEMS APPROACH
153	\$800,000	NATIONAL OCEANIC & ATMOSPHERIC ADMINISTRATION	Freymueller, Jeffrey	EARTH AND ENVIRONMENTAL SCIENCES	DATA, MODELS, SOFTWARE TOOLS AND EDUCATION FOR ENHANCING GEODETIC INFRASTRUCTURE
154	\$46,942	NATIONAL SCIENCE FOUNDATION	Hardisty, Dalton	EARTH AND ENVIRONMENTAL SCIENCES	COLLABORATIVE RESEARCH: MANGANESE CYCLING AND COUPLING ACROSS REDOX BOUNDARIES WITHIN STRATIFIED BASINS OF THE BALTIC SEA
155	\$50,000	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Jacobson, Seth	EARTH AND ENVIRONMENTAL SCIENCES	ISOTOPIC FRACTIONATION DUE TO MULTI-STAGE CORE FORMATION
156	\$18,985	SPACE TELESCOPE SCIENCE INST	Jacobson, Seth	EARTH AND ENVIRONMENTAL SCIENCES	ARE M-TYPE ASTEROIDS THE REMNANT CORE FRAGMENTS OF THE PLANETESIMALS?
157	\$46,466	NATIONAL SCIENCE FOUNDATION	Zarnetske, Phoebe	INTEGRATIVE BIOLOGY	COLLABORATIVE PROPOSAL: MRA: CONNECTING LOCAL, REGIONAL, AND CONTINENTAL SCALE DRIVERS TO BIODIVERSITY ACROSS NEON THROUGH THE LENS OF INTRASPECIFIC TRAIT VARIATION AND DISTURBANCE
158	\$1,275,000	NATIONAL SCIENCE FOUNDATION	Haddad, Nicholas	KELLOGG BIOLOGICAL STATION NAT SCI	LTER: KBS - ECOLOGICAL AND SOCIAL MECHANISMS OF RESILIENCE IN AGROECOSYSTEMS
159	\$350,000	SYNGENTA CROP PROTECTION LLC	Sprunger, Christine	KELLOGG BIOLOGICAL STATION NAT SCI	MSU/SYNGENTA SOIL HEALTH PARTNERSHIP
160	\$119,055	NORTH CENTRAL SUSTAINABLE AGRICULTURE RESEARCH	Sprunger, Christine	KELLOGG BIOLOGICAL STATION NAT SCI	EXPLORING THE EFFICACY OF PRAIRIE STRIPS AS A SOIL HEALTH PROMOTING PRACTICE

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161	\$29,996	NATIONAL SCIENCE FOUNDATION	Gerhardt, Teena	MATHEMATICS	THE 2024 GRADUATE STUDENT TOPOLOGY AND GEOMETRY CONFERENCE
162	\$8,400	SIMONS FOUNDATION	Schmidt, Benjamin	MATHEMATICS	RIGIDITY IN METRIC AND RIEMANNIAN GEOMETRY
163	\$8,400	SIMONS FOUNDATION	Waldron, Joe	MATHEMATICS	BIRATIONAL GEOMETRY IN POSITIVE AND MIXED CHARACTERISTIC
164	\$22,500	TARN BIOSCIENCES	Abramovitch, Robert	MICROBIOLOGY, GENETICS, IMMUNOLOGY CNS	DEVELOPMENT OF THE HC2099 SERIES OF MMPL3 INHIBITORS TO TREAT TUBERCULOSIS
165	\$69,080	NATIONAL INST OF HEALTH	Alakavuklar, Melene	MICROBIOLOGY, GENETICS, IMMUNOLOGY CNS	FUNCTIONAL ANALYSIS OF A NOVEL CELL ENVELOPE INTEGRITY PROTEIN IN BRUCELLA OVIS
166	\$211,950	NATIONAL INST OF HEALTH	DiRita, Victor	MICROBIOLOGY, GENETICS, IMMUNOLOGY CNS	ROLE OF THE GUT METABOLITE LACTATE ON CAMPYLOBACTER JEJUNI PATHOGENICITY
167	\$2,322,479	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	DiRita, Victor	MICROBIOLOGY, GENETICS, IMMUNOLOGY CNS	COVID-19 GENOME SEQUENCING RESPONSE MSU-MI-SAPPHIRE (YEAR 3)
168	\$15,000	HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES	Hong, Bong Jin	MICROBIOLOGY, GENETICS, IMMUNOLOGY CNS	EVALUATION OF ZN AND FE HOMEOSTASIS IN CANCER AND TUMOR-INFILTRATING IMMUNE CELLS IN PANCREATIC CANCER LIVER METASTASIS WITH INKT CELL IMMUNOTHERAPY
169	\$329,389	NATIONAL INST OF HEALTH	O'Halloran, Thomas	MICROBIOLOGY, GENETICS, IMMUNOLOGY CNS	REGULATORY ROLES OF ZINC FLUXES IN METALLOPROTEIN OCCUPANCY AND CELL CYCLE PROGRESSION
170	\$21,281	NATIONAL SCIENCE FOUNDATION	Schrenk, Matthew	MICROBIOLOGY, GENETICS, IMMUNOLOGY CNS	COLLABORATIVE RESEARCH: CONFERENCE: FUTURE OF US MARINE SEAFLOOR AND SUBSEAFLOOR SAMPLING CAPABILITIES WORKSHOP
171	\$91,499	UNIVERSITY OF RHODE ISLAND	Walker, Edward	MICROBIOLOGY, GENETICS, IMMUNOLOGY CNS	INNOVATING RESTING BOXES FOR MANAGEMENT OF CULISETA MELANURA POPULATIONS AND TO REDUCE EEE VIRUS TRANSMISSION
172	\$352,125	NATIONAL INST OF HEALTH	Zhang, Yu	MICROBIOLOGY, GENETICS, IMMUNOLOGY CNS	CHROMATIN LOOPING DIRECTED RAG TARGETING DURING V(D)J RECOMBINATION
173	\$300,000	CALIFORNIA INST OF TECHNOLOGY	Dykman, Mark	PHYSICS ASTRONOMY	LISTENING TO MOLECULES : QUANTUM VIBRATIONAL DYNAMICS OF INDIVIDUAL PROTEIN COMPLEXES
174	\$89,888	UNIVERSITY OF WISCONSIN MILWAUKEE	Weaver, Christopher	PHYSICS ASTRONOMY	A FRAMEWORK FOR DATA INTENSIVE DISCOVERY IN MULTIMESSENGER ASTROPHYSICS

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	Amount	Sponsor	Principal Investigator/Director	Unit	Project Title
175	\$10,265	SPACE TELESCOPE SCIENCE INST	Zepf, Stephen	PHYSICS ASTRONOMY	FAR-ULTRAVIOLET INSIGHTS INTO MULTIPLE POPULATIONS IN EXTRAGALACTIC GLOBULAR CLUSTERS
176	\$138,983	USDA FOREST SERVICE	Brudvig, Lars	PLANT BIOLOGY CNS	PREDICTING SUCCESSFUL LONGLEAF PINE SAVANNA RESTORATION OUTCOMES
177	\$14,160	HENRY FORD HEALTH SYSTEM	Cui, Yuehua	STATISTICS PROBABILITY	STATISTICAL ANALYSIS OF SPATIAL TRANSCRIPTOMICS DATA
178	\$321,369	NATIONAL SCIENCE FOUNDATION	Maiti, Tapabrata	STATISTICS PROBABILITY	NSF IPA AGREEMENT FOR TAPABRATA MAITI
179	\$79,437	NATIONAL SCIENCE FOUNDATION	Sung, Chih-Li	STATISTICS PROBABILITY	CAREER: SINGLE-FIDELITY VS. MULTI-FIDELITY COMPUTER EXPERIMENTS: UNVEILING THE EFFECTIVENESS OF MULTI-FIDELITY EMULATION
COLLEGE OF OSTEOPATHIC MEDICINE					
180	\$5,429	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
181	\$6,781	LUNDBECK NA LTD	Khalil, Suad	NEUROLOGY AND OPHTHALMOLOGY COM	INTERVENTIONAL, RANDOMIZED, DOUBLE-BLIND, PARALLEL-GROUP, PLACEBO-CONTROLLED STUDY TO EVALUATE THE EFFICACY AND SAFETY OF IV EPTINEZUMAB IN ADOLESCENTS (12-17 YEARS) FOR PREVENTIVE TREATMENT OF CH
182	\$8,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Khalil, Suad	NEUROLOGY AND OPHTHALMOLOGY COM	NEUROLOGY TELEMEDICINE PROJECT
183	\$18,982	EISAI INC	Sachdev, Amit	NEUROLOGY AND OPHTHALMOLOGY COM	EISAI BAN2401-G000-201 OPEN LABEL EXTENSION
184	\$14,000	BAYER PHARMACEUTICALS	Seol, Hyeyoung	NEUROLOGY AND OPHTHALMOLOGY COM	BAYER-OCEANIC STROKE
185	\$595,085	NATIONAL INST DIABETES & DIGESTIVE & KIDNEY DISEASES	Tykocki, Nathan	PHARMACOLOGY TOXICOLOGY	BLADDER WALL STIFFNESS DRIVES SENSATION OF FULLNESS
186	\$2,424,341	NATIONAL INST OF HEALTH	Watts, Stephanie	PHARMACOLOGY TOXICOLOGY	PERIVASCULAR ADIPOSE TISSUE (PVAT) AS A CENTRAL INTEGRATOR OF VASCULAR HEALTH
187	\$658,038	NATIONAL INST OF HEALTH	Boivin, Michael	PSYCHIATRY OSTEOPATHIC MEDICINE	CONGOLESE MOTHER AND CHILD MENTAL HEALTH IN RESPONSE TO EARLY CHILD DEVELOPMENT INTERVENTIONS

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188	\$183,900	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Scheid, Jeanette	PSYCHIATRY OSTEOPATHIC MEDICINE	ADDITIONAL SERVICE OF PHYSICIAN REVIEWER FOR THE STATE OF MICHIGAN DEPARTMENT OF HEALTH AND HUMAN SERVICES EFFECTIVE 10/1/20
COLLEGE OF SOCIAL SCIENCE					
189	\$25,000	WENNER GREN FOUNDATION	Fujita, Masako	ANTHROPOLOGY SOCIAL SCIENCE	EXPLORING HUMAN MILK IMMUNE SPECIFICITY
190	\$150,000	JOHNSON & JOHNSON	Kammel, Kari	CNTR ANTI COUNTERFEIT AND PROD PROTECT	TBD "THEMATIC RESEARCH" AREAS: CURRENT AND FUTURE BP WORKFORCE, GLOBAL ENFORCEMENT AND IMPACT OF COUNTERFEITING, CONSUMER BEHAVIOR AND IMPACT AROUND COUNTERFEITING, TECHNOLOGY, POLICY, AND E-COMMERCE
191	\$24,000	CHARLES STEWART MOTT FOUNDATION	Santiago, Anna	COLLEGE OF SOCIAL SCIENCE	FLINT COMMUNITY INITIATIVE: ASSET BASED COMMUNITY DEVELOPMENT SCHOLARS PROGRAM.
192	\$250,000	JUSTICE & SECURITY STRATEGIES INC	Rojek, Jeffrey	CRIMINAL JUSTICE	BODY-WORN CAMERA POLICY AND IMPLEMENTATION PROGRAM TRAINING AND TECHNICAL ASSISTANCE (BWC PIP TTA)
193	\$97,656	MICHIGAN DEPT OF ENVIRONMENT, GREAT LAKES, AND ENERGY	Theuerkauf, Ethan	GEOGRAPHY ENVIRONMENT SPATIAL SCIENCES	MSU NEARSHORE TRANSPORT SEDIMENT STUDY
194	\$35,356	SOUTH DAKOTA STATE UNIV	Henebry, Geoffrey	GLOBAL CHG AND EARTH OBSERVATION CTR FOR	MAINTENANCE, EVOLUTION, AND VALIDATION OF THE GLOBAL LAND SURFACE PHENOLOGY PRODUCT FROM SUOMI NPP AND JPSS VIIRS OBSERVATIONS
195	\$200,000	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Roy, David	GLOBAL CHG AND EARTH OBSERVATION CTR FOR	WHERE ARE THE MISSING BURNED AREAS? GLOBAL HOTSPOTS OF BURNED AREA - A MULTIREOLUTION ANALYSIS
196	\$19,720	UNIVERSITY OF MARYLAND	Roy, David	GLOBAL CHG AND EARTH OBSERVATION CTR FOR	SUPPORT AND MAINTENANCE OF S-NPP AND JPSS VIIRS GLOBAL ACTIVE FIRE AND BURNED AREA EARTH SYSTEM DATA RECORDS
197	\$29,772	UNIVERSITY OF MARYLAND	Roy, David	GLOBAL CHG AND EARTH OBSERVATION CTR FOR	NASA LAND COVER LAND USE CHANGE (LCLUC) PROGRAM SCIENCE SUPPORT
198	\$8,449	UNIVERSITY OF CONNECTICUT	Halgunseth, Linda	HUMAN DEVELOPMENT AND FAMILY STUDIES CSS	DEVELOPMENT OF A CULTURALLY INFORMED METHOD OF EVALUATING EMOTION SOCIALIZATION WITHIN LATINO FAMILIES

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199	\$15,913	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Holtrop, Kendal	HUMAN DEVELOPMENT AND FAMILY STUDIES CSS	PMTO QUALITY MONITORING AND IMPROVEMENT
200	\$26,705	INGHAM INTERMEDIATE SCHOOL DISTRICT	Linscott, Laurie	HUMAN DEVELOPMENT AND FAMILY STUDIES CSS	2023-2024 INGHAM GREAT START READINESS PROGRAM
201	\$118,468	STAND FOR CHILDREN LEADERSHIP CENTER	Vallotton, Claire	HUMAN DEVELOPMENT AND FAMILY STUDIES CSS	GREAT FIRST EIGHT PREK-3 & PREK-4 CURRICULUM DEVELOPMENT
202	\$50,000	W K KELLOGG FOUNDATION	Grossmann, Matthew	INST FOR PUBLIC POLICY SOCIAL RESEARCH	ANALYZING AND IMPROVING RACIAL REPRESENTATION IN MICHIGAN AFTER REDISTRICTING REFORM PT 2
203	\$15,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Grossmann, Matthew	INST FOR PUBLIC POLICY SOCIAL RESEARCH	ASIAN AMERICAN AND PACIFIC ISLANDER - SPECIFIC BEHAVIOR RISK FACTOR SURVEY
204	\$67,659	MICHIGAN HEALTH ENDOWMENT FUND	Weinfeld, Arnold	INST FOR PUBLIC POLICY SOCIAL RESEARCH	IMPROVING MICHIGAN HEALTH POLICYMAKING
205	\$167,860	GEORGIA INST OF TECHNOLOGY	Fenn, Kimberly	PSYCHOLOGY SOCIAL SCIENCE	UNDERSTANDING AND BUILDING OVERALL COGNITIVE CAPABILITY THROUGH ATTENTION CONTROL.
206	\$579,948	NATIONAL INST OF HEALTH	Klump, Kelly	PSYCHOLOGY SOCIAL SCIENCE	A TWIN STUDY OF ANDROGEN EFFECTS ON BINGE EATING RISK DURING PUBERTY IN MALES
207	\$105,500	NATIONAL INST OF HEALTH	Shewark, Elizabeth	PSYCHOLOGY SOCIAL SCIENCE	THE DEVELOPMENT OF YOUTH RESILIENCE TO NEIGHBORHOOD DISADVANTAGE
208	\$344,804	NATIONAL INST OF HEALTH	Veenema, Alexa	PSYCHOLOGY SOCIAL SCIENCE	OXYTOCIN NEURAL CIRCUITRY INVOLVEMENT IN JUVENILE SOCIAL PLAY
209	\$54,085	UNIVERSITY OF MICHIGAN	Yan, Lili	PSYCHOLOGY SOCIAL SCIENCE	ELECTROPHYSIOLOGIC CHARACTERIZATION OF CIRCADIAN RHYTHMS OF PREFRONTAL CORTICAL NETWORK STATES IN A DIURNAL RODENT
210	\$427,397	MICHIGAN HEALTH ENDOWMENT FUND	Freddolino, Paul	SOCIAL WORK	VIRTUAL CONNECTIONS: RURAL HEALTH THROUGH DIGITAL LITERACY
211	\$35,989	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
212	\$18,812	UNIVERSITY OF DENVER	Sun, Fei	SOCIAL WORK	EXAMINING THE RELATIONSHIP BETWEEN DEATH ATTITUDE AND AD COMPLETION AND ATTITUDE AMONG OLDER CHINESE AMERICANS

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213	\$42,569	UNIVERSITY OF MICHIGAN	Woodward, Amanda	SOCIAL WORK	MICHIGAN CENTER FOR URBAN AFRICAN AMERICAN AGING RESEARCH (MCUAAAR)
COLLEGE OF VETERINARY MEDICINE					
214	\$42,653	CORNELL UNIV	Abuelo Sebio, Angel	LARGE ANIMAL CLINICAL SCIENCES	PARTNERSHIP: DELAYED COW-CALF SEPARATION AND EARLY-LIFE NUTRITION: ADDRESSING CRITICAL KNOWLEDGE GAPS TO INFORM INDUSTRY BEST PRACTICES
215	\$132,005	UNIVERSITY OF MICHIGAN	Johnson, Valerie	SMALL ANIMAL CLINICAL SCIENCES	ENGINEERED MULTIFUNCTIONAL CELLULAR WOUND HEALING PATCH ACTS AS AN ANTIMICROBIAL LIVING BANDAGE TO IMPROVE WOUND HEALING
216	\$281,047	MEDICAL COLLEGE OF WISCONSIN	Komaromy, Andras	SMALL ANIMAL CLINICAL SCIENCES	DEVELOPMENT OF AN IOP-LOWERING GENE THERAPY TREATMENT FOR GLAUCOMA
217	\$40,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Dodd, Kimberly	VETERINARY DIAGNOSTIC LABORATORY	BIOTERRORISM PREPAREDNESS - DIAGNOSTIC CTR FOR POPULATION AND ANIMAL HEALTH
218	\$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
219	\$1,122,000	US DEPT OF AGRICULTURE	Dodd, Kimberly	VETERINARY DIAGNOSTIC LABORATORY	NAHLN-NBAF PARTNERING TO IMPROVE EARLY DETECTION IN OUR NATION'S VETERINARY LABORATORY SYSTEM
FACILITY FOR RARE ISOTOPE BEAMS					
220	\$14,000	WASHINGTON UNIV IN ST LOUIS	Bogner, Scott	FACILITY FOR RARE ISOTOPE BEAMS	FRIB THEORY ALLIANCE FELLOW AT WUSTL - ANNA MCCOY
221	\$317,000	US DEPT OF ENERGY	Ostroumov, Peter	FACILITY FOR RARE ISOTOPE BEAMS	ONLINE AUTONOMOUS TUNING OF THE FRIB ACCELERATOR USING MACHINE LEARNING
222	\$202,000	US DEPT OF ENERGY	Chen, Jun	NAT'L SUPERCONDUCTING CYCLOTRON LAB	COMPLILATION AND EVALUATION OF NUCLEAR STRUCTURE AND DECAY DATA
PROVOST AND ACADEMIC AFFAIRS					
223	\$3,000,000	MICHIGAN DEPT OF EDUCATION	Gretter, Sarah	APPLE DEVELOPER ACADEMY	67C MSU DEVELOPER ACADEMY
ASC PROV FOR UNIV OUTREACH ENGAGEMENT					
224	\$600,000	MICHIGAN DEPT OF EDUCATION	Wu, Jamie	COMMUNITY EVALUATION AND RSCH COLLABRTVE	GREAT STATE READINESS PROGRAM STATE EVALUATION: YEAR 7
225	\$200,000	MICHIGAN DEPT OF EDUCATION	Wu, Jamie	COMMUNITY EVALUATION AND RSCH COLLABRTVE	CHILD CARE MAPPING PROJECT: SECOND YEAR

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226	\$150,000	CLINTON COUNTY REGIONAL EDUCATIONAL SERVICE AGENCY	Wu, Jamie	COMMUNITY EVALUATION AND RSCH COLLABRTVE	EVALUATION OF STRONG BEGINNINGS PRESCHOOL PROGRAM
MSU AGBIORESEARCH					
227	\$60,000	STRATEGIC ENVIRONMENTAL RESEARCH & DEVELOPMENT PROGRAM	Murphy, Cheryl	FISHERIES AND WILDLIFE MABR	DEVELOPMENT OF AN EFFICIENT TESTING FRAMEWORK FOR INTERPRETING TOXICITY OF COMPLEX MIXTURES FOR ECOLOGICAL RISK ASSESSMENT
MICHIGAN STATE UNIVERSITY EXTENSION					
228	\$19,750	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Ferry, Elizabeth	EXTENSION AGRICULTURE AND AGRIBUSINESS	ASSESSMENT OF EMRS2, USAHERDS, AND AGVIEW FOR ISSUING MOVEMENT PERMITS DURING AN AFRICAN SWINE FEVER RESPONSE
229	\$21,765	CELERY RESEARCH INC	Werling, Benjamin	EXTENSION AGRICULTURE AND AGRIBUSINESS	CELERY RESEARCH, INC - 2023 GIFTS FOR RESEARCH & EXTENSION ON CELERY PRODUCTION AND PEST MANAGEMENT
230	\$43,322	MICHIGAN 4H FOUNDATION	Schulz, Jodi	EXTENSION CHILDREN AND YOUTH	MICHIGAN 4H FOUNDATION COUNTY PROGRAMS
231	\$52,336	USDA FOREST SERVICE	Bockelman, Kelsey	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	MOBILE BOAT WASH PROGRAM FOR AQUATIC INVASIVE SPECIES PREVENTION
232	\$289,864	MIDWEST ORGANIC SERVICE ASSOCIATION	Borgman, Mariel	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	TRANSITION TO ORGANIC PARTNERSHIP PROGRAM
233	\$150,000	LITTLE TRAVERSE CONSERVANCY	Cohen, Joshua	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	FILLING KNOWLEDGE GAPS AND INCREASING THE CAPACITY OF MICHIGAN LAND CONSERVANCIES TO RESTORE ECOSYSTEMS
234	\$262,627	MICHIGAN DEPT OF NATURAL RESOURCES	Cohen, Joshua	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	TITLE 2 - MI DNR WLD INTEGRATED INVENTORY 2024
235	\$116,479	MICHIGAN DEPT OF NATURAL RESOURCES	Cohen, Joshua	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	19 - DEVELOPMENT OF A STATEWIDE MAP OF CLIMATE RESILIENT NATURAL COMMUNITIES

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	Amount	Sponsor	Principal Investigator/Director	Unit	Project Title
236	\$8,832	MICHIGAN POTATO INDUSTRY COMMISSION	Dedecker, James	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	TARGETED POTATO RESEARCH WITHIN MICHIGAN'S UPPER PENINSULA TO MEET PRODUCER NEEDS AND INCREASE GROWTH OF THE MICHIGAN POTATO INDUSTRY
237	\$41,098	UNIVERSITY OF MINNESOTA	Ivan, David	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	COMMUNITY DEVELOPMENT AND TECHNICAL ASSISTANCE TO ADVANCE ENVIRONMENT AND ENERGY JUSTICE IN THE GREAT LAKES REGION
238	\$123,293	UNIVERSITY OF MINNESOTA	Ivan, David	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	COMMUNITY DEVELOPMENT AND TECHNICAL ASSISTANCE TO ADVANCE ENVIRONMENT AND ENERGY JUSTICE IN THE GREAT LAKES REGION
239	\$25,217	MICHIGAN DEPT OF MILITARY & VETERANS AFFAIRS	Lee, Yu Man	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	CAMP GRAYLING SURVEYS
240	\$41,716	MICHIGAN DEPT OF NATURAL RESOURCES	Lee, Yu Man	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	TITLE 22: DNR WLD WOOD TURTLE CONSERVATION IN MICHIGAN
241	\$38,145	MICHIGAN DEPT OF NATURAL RESOURCES	Lee, Yu Man	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	UPPER MIDWEST TURTLE CONSERVATION - CSWG PHASE 3
242	\$73,596	MICHIGAN DEPT OF NATURAL RESOURCES	Lincoln, Jesse	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	TITLE 3: LAND MANAGEMENT CONSULTATIONS AND SURVEYS 2024
243	\$30,666	MICHIGAN DEPT OF NATURAL RESOURCES	Lincoln, Jesse	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	TITLE 9: VEGETATION MONITORING OF RESTORATION EFFORTS IN MUSKEGON STATE GAME AREA
244	\$75,344	MICHIGAN DEPT OF NATURAL RESOURCES	Monfils, Michael	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	TITLE 27: CONDUCTING KARNER BLUE SURVEYS AND CREATING A LONG-TERM MONITORING PLAN TO SUPPORT RECOVERY EFFORTS ON STATE LANDS
245	\$406,933	MICHIGAN DEPT OF NATURAL RESOURCES	Monfils, Michael	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	CONSULTATION, ADMINISTRATION, AND DATABASE FOR MDNR FY 2024

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246	\$49,719	LAWRENCE BERKELEY NATIONAL LABORATORY	Reilly, Mary	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	COMMUNITY CENTERED SOLAR DEVELOPMENT
247	\$39,586	MICHIGAN DEPT OF NATURAL RESOURCES	Rogers, Rebecca	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	ROLE OF THE GUT METABOLITE LACTATE ON CAMPYLOBACTER JEJUNI PATHOGENICITY
248	\$49,114	MICHIGAN DEPT OF TRANSPORTATION	Rogers, Rebecca	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	MDOT ANNUAL ACCESS TO NATURAL HERITAGE DATABASE
249	\$20,000	WALTERS FAMILY FOUNDATION	Woods, Mollie	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	MAKING IT IN MICHIGAN 2024 VENDOR SUPPORT
250	\$119,911	NORTH CENTRAL SUSTAINABLE AGRICULTURE RESEARCH	Curell, Christina	MICHIGAN STATE UNIVERSITY EXTENSION	EXPANDING REGIONAL ECONOMIC AND LIVESTOCK INTEGRATION SOIL HEALTH INFORMATION AND RESOURCES
RESEARCH AND INNOVATION					
251	\$277,652	COMMUNITY FOUNDATION HOLLAND ZEELAND AREA	Guarr, Thomas	BIOECONOMY INSTITUTE	SUPPORT FOR BIOECONOMY INSTITUTE R&D DIRECTOR
252	\$107,653	NATIONAL INST OF HEALTH	Luyendyk, James	INSTITUTE FOR INTEGRATIVE TOXICOLOGY	FIRST TIME SUMMER RESEARCH EXPERIENCE IN ENVIRONMENTAL HEALTH SCIENCES
253	\$25,000	UNIVERSITY OF MICHIGAN	Hasemann, Charles	OFFICE OF RESEARCH AND INNOVATION	TECHNOLOGY TRANSFER TALENT NETWORK - 10
254	\$25,000	UNIVERSITY OF MICHIGAN	Hasemann, Charles	OFFICE OF RESEARCH AND INNOVATION	TECHNOLOGY TRANSFER TALENT NETWORK - 10
255	\$25,000	UNIVERSITY OF MICHIGAN	Hasemann, Charles	OFFICE OF RESEARCH AND INNOVATION	TECHNOLOGY TRANSFER TALENT NETWORK - 10
UNIVERSITY ADVANCEMENT					
256	\$37,281,574	VARIOUS DONORS - ADVANCEMENT	Shoup, Anne	VICE PRESIDENT UNIVERSITY ADVANCEMENT	CASH GIFTS TO MSU FOR THE PERIOD 10/1/23 TO 12/31/23

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UNIVERSITY ARTS AND COLLECTIONS					
257	\$10,000	ARTS COUNCIL OF GREATER LANSING	Olmscheid, Eric	PERFORMING ARTS FACILITIES AND PROGRAMS	OUT-OF-COUNTY MARKETING FOR MOULIN ROUGE! THE MUSICAL (WHARTON CENTER FOR PERFORMING ARTS)
DEPARTMENT OF POLICE AND PUBLIC SAFETY					
258	\$13,297	MICHIGAN STATE POLICE	Dunlap, James	DEPARTMENT OF POLICE AND PUBLIC SAFETY	IN SERVICE TRAINING OF POLICE OFFICERS
UNIVERSITY HEALTH AND WELLBEING					
259	\$30,000	CHILDRENS HOSPITAL OF MICHIGAN FOUNDATION	Travis, Alexis	CAMPUS HEALTH SERVICES	IMPACTING OUTCOMES FOR STUDENTS IN RECOVERY
VARIOUS					
260	\$90,836	VARIOUS	Various	Various	33 CONSOLIDATED GRANTS WITH INDIVIDUAL VALUES OF \$5000 OR LESS. DETAILS ON FILE IN CONTRACT & GRANT ADMINISTRATION
261	\$41,610	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
	\$92,890,131	Total February 2024 Board			

CONSIGNMENT/NON-CASH GIFTS
BOARD OF TRUSTEES
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GIFT NO.	GIFT	DONOR	DEPARTMENT NAME	ESTIMATED VALUE	PURPOSE OR USE
1	Rock & roll posters	Eric King	Libraries	\$82,000.00	Research & Special Collections
2	Graphic design & installation Furniture & delivery Carpet TV monitors & stand	JRT/CG Detroit Agency	Advertising & Public Relations	\$38,767.69	Student workspace in the 42pointSEVEN Agency.
3	Air transportation	Dawn Williams	Intercollegiate Athletics Spartan Fund	\$19,320.00	Flight for Coach Jonathan Smith
4	Drilling dynamometer Milling dynamometer Lathe dynamometer CNC rotary dynamometer Kistler charge amplifier Power monitor system	General Motors	Mechanical Engineering	\$15,000.00	Stimulate & facilitate research projects & education
5	Building materials	James Rosenthal	Intercollegiate Athletics Spartan Fund	\$11,832.25	Lumber for construction of Tom Izzo Football Building.

CONSIGNMENT/NON-CASH GIFTS
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6-36	Various	Various	Various	\$4,580.50	31 Consolidated non-cash gifts for individual values less than \$5,000 details on file in the Hannah Administration Building Contract & Grant Administration Office, Room 2 426 Auditorium Road East Lansing, MI
			TOTAL	\$171,500.44	