



MICHIGAN STATE UNIVERSITY  
**BOARD OF TRUSTEES**  
Executive Action Summary

Gift, Grant and Contract Report

**APPROVED**  
**DECEMBER 15, 2023**  
**BOARD OF TRUSTEES**  
**MICHIGAN STATE UNIVERSITY**

**Date** December 15, 2023

**From:** Gift, Grant and Contract Report

**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 August 10, 2023 through November 13, 2023.

**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: \$488,458,983
  - b) Gifts, Grants and Contracts plus Consignments: \$489,098,967
- (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 697 Gifts, Grants and Contracts plus 34 Consignment/Non-Cash Gifts, with a total value of \$306,308,890.

## Current Period / Year to Date

### Gift & Grant Awards

Meeting Date: 12/15/2023

Current Period: Aug 10, 2023 - Nov 13, 2023

#### AWARD TOTALS

Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government	\$221,699,847	\$316,123,892	92.4%
State of Michigan	\$4,113,768	\$5,455,328	1.6%
Other	\$3,369,511	\$7,600,362	2.2%
Industry/CO	\$2,282,690	\$4,194,897	1.2%
Foundation	\$2,942,926	\$7,326,567	2.1%
Association	\$575,431	\$1,338,929	0.4%
<b>Research - Total</b>	<b>\$234,984,173</b>	<b>\$342,039,975</b>	<b>100%</b>
Non-Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government	\$33,012,943	\$70,983,200	48.5%
State of Michigan	\$2,321,706	\$4,240,067	2.9%
Other	\$9,890,707	\$10,490,358	7.2%
Industry/CO	\$4,461,441	\$6,364,016	4.3%
Foundation	\$3,562,718	\$4,811,012	3.3%
Association	\$44,000	\$60,000	0.0%
Various Donors - Advancement*	\$17,450,826	\$49,470,355	33.8%
<b>Non-Research - Total</b>	<b>\$70,744,341</b>	<b>\$146,419,008</b>	<b>100%</b>
Total			
Gift/Grant Source	Current Period	Year to Date	Amount % YTD
Federal Government	\$254,712,790	\$387,107,092	79.3%
State of Michigan	\$6,435,474	\$9,695,395	2.0%
Other	\$13,260,218	\$18,090,720	3.7%
Industry/CO	\$6,744,131	\$10,558,913	2.2%
Foundation	\$6,505,644	\$12,137,579	2.5%
Association	\$619,431	\$1,398,929	0.3%
Various Donors - Advancement*	\$17,450,826	\$49,470,355	10.1%
<b>TOTAL</b>	<b>\$305,728,514</b>	<b>\$488,458,983</b>	<b>100%</b>

#### # OF AWARDS

Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government	353	653	68.0%
State of Michigan	16	26	2.7%
Other	72	132	13.7%
Industry/CO	40	91	9.5%
Foundation	16	41	4.3%
Association	10	18	1.9%
<b>Research - Total</b>	<b>507</b>	<b>961</b>	<b>100%</b>
Non-Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government	89	152	51.4%
State of Michigan	15	24	8.1%
Other	31	45	15.2%
Industry/CO	30	36	12.2%
Foundation	21	33	11.1%
Association	3	4	1.4%
Various Donors - Advancement*	1	2	0.7%
<b>Non-Research - Total</b>	<b>190</b>	<b>296</b>	<b>100%</b>
Total			
Gift/Grant Source	Current Period	Year to Date	Count % YTD
Federal Government	442	805	64.0%
State of Michigan	31	50	4.0%
Other	103	177	14.1%
Industry/CO	70	127	10.1%
Foundation	37	74	5.9%
Association	13	22	1.8%
Various Donors - Advancement*	1	2	0.2%
<b>TOTAL</b>	<b>697</b>	<b>1,257</b>	<b>100%</b>

\*This is philanthropic cash received.

## Current Year / Previous Year

### Gift & Grant Awards

Meeting Date: 12/15/2023

Current Period: Aug 10, 2023 - Nov 13, 2023

#### AWARD TOTALS

Research			
Gift/Grant Source	Previous YTD	Year to Date	% Change
Federal Government	\$255,101,080	\$316,123,892	23.9%
State of Michigan	\$3,628,198	\$5,455,328	50.4%
Other	\$8,756,261	\$7,600,362	-13.2%
Industry/CO	\$4,074,997	\$4,194,897	2.9%
Foundation	\$8,310,636	\$7,326,567	-11.8%
Association	\$1,649,809	\$1,338,929	-18.8%
<b>Research - Total</b>	<b>\$281,520,980</b>	<b>\$342,039,975</b>	<b>21.5%</b>
Non-Research			
Gift/Grant Source	Previous YTD	Year to Date	% Change
Federal Government	\$47,349,683	\$70,983,200	49.9%
State of Michigan	\$2,118,827	\$4,240,067	100.1%
Other	\$10,222,632	\$10,490,358	2.6%
Industry/CO	\$3,482,925	\$6,364,016	82.7%
Foundation	\$3,075,255	\$4,811,012	56.4%
Association	\$496,772	\$60,000	-87.9%
Various Donors - Advancement*	\$54,049,147	\$49,470,355	-8.5%
<b>Non-Research - Total</b>	<b>\$120,795,242</b>	<b>\$146,419,008</b>	<b>21.2%</b>
Total			
Gift/Grant Source	Previous YTD	Year to Date	Amount % Change
Federal Government	\$302,450,763	\$387,107,092	28.0%
State of Michigan	\$5,747,025	\$9,695,395	68.7%
Other	\$18,978,893	\$18,090,720	-4.7%
Industry/CO	\$7,557,922	\$10,558,913	39.7%
Foundation	\$11,385,891	\$12,137,579	6.6%
Association	\$2,146,581	\$1,398,929	-34.8%
Various Donors - Advancement*	\$54,049,147	\$49,470,355	-8.5%
<b>TOTAL</b>	<b>\$402,316,222</b>	<b>\$488,458,983</b>	<b>21.4%</b>

#### # OF AWARDS

Research			
Gift/Grant Source	Previous YTD	Year to Date	% Change
Federal Government	664	653	-1.7%
State of Michigan	29	26	-10.3%
Other	130	132	1.5%
Industry/CO	118	91	-22.9%
Foundation	47	41	-12.8%
Association	45	18	-60.0%
<b>Research - Total</b>	<b>1,033</b>	<b>961</b>	<b>-7.0%</b>
Non-Research			
Gift/Grant Source	Previous YTD	Year to Date	% Change
Federal Government	170	152	-10.6%
State of Michigan	25	24	-4.0%
Other	47	45	-4.3%
Industry/CO	38	36	-5.3%
Foundation	26	33	26.9%
Association	8	4	-50.0%
Various Donors - Advancement*	2	2	0.0%
<b>Non-Research - Total</b>	<b>316</b>	<b>296</b>	<b>-6.3%</b>
Total			
Gift/Grant Source	Acceptance Total	Year to Date	Count % Change
Federal Government	834	805	-3.5%
State of Michigan	54	50	-7.4%
Other	177	177	0.0%
Industry/CO	156	127	-18.6%
Foundation	73	74	1.4%
Association	53	22	-58.5%
Various Donors - Advancement*	2	2	0.0%
<b>TOTAL</b>	<b>1,349</b>	<b>1,257</b>	<b>-6.8%</b>

\*This is philanthropic cash received.

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

## Gift & Grant Awards

Meeting Date: 12/15/2023

Current Period: Aug 10, 2023 - Nov 13, 2023

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 8-51. 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	\$23,989,647	\$23,989,647	100%
<b>Research - Total</b>	<b>\$23,989,647</b>	<b>\$23,989,647</b>	<b>100%</b>
Non-Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government			
<b>Non-Research - Total</b>	<b>\$ -</b>	<b>\$ -</b>	<b>100%</b>
Total			
Gift/Grant Source	Current Period	Year to Date	Amount % YTD
Federal Government	\$23,989,647	\$23,989,647	100%
<b>TOTAL</b>	<b>\$23,989,647</b>	<b>\$23,989,647</b>	<b>100%</b>

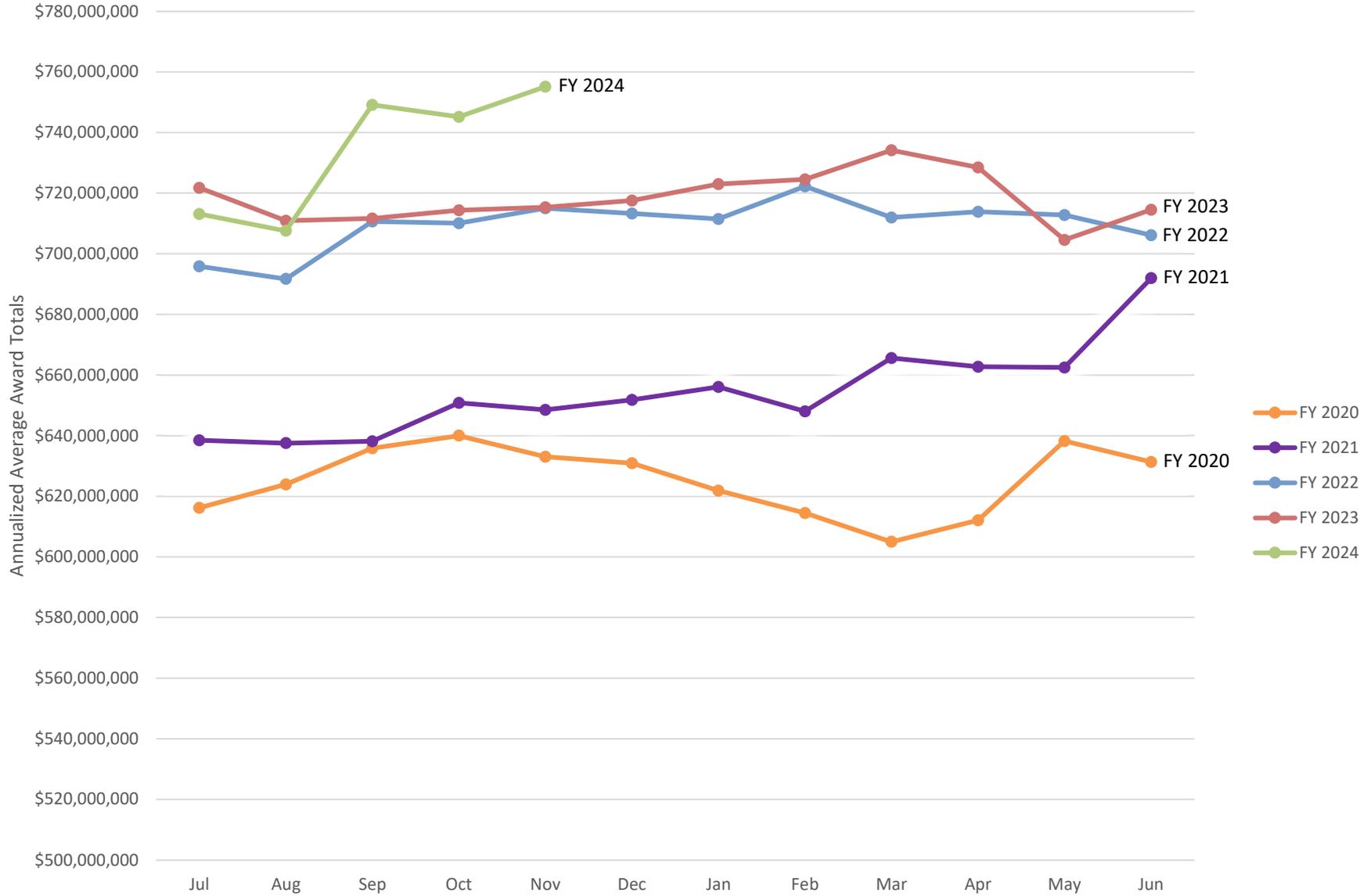
### # OF AWARDS

Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government	8	8	100%
<b>Research - Total</b>	<b>8</b>	<b>8</b>	<b>100%</b>
Non-Research			
Gift/Grant Source	Current Period	Year to Date	% of Total YTD
Federal Government			
<b>Non-Research - Total</b>	<b>0</b>	<b>0</b>	<b>100%</b>
Total			
Gift/Grant Source	Current Period	Year to Date	Count % YTD
Federal Government	8	8	100%
<b>TOTAL</b>	<b>8</b>	<b>8</b>	<b>100%</b>

**Henry Ford Health + MSU Health Sciences**  
**Board of Trustees**  
**December 2023**

	Amount	Sponsor	Principal Investigator/ Director	Unit	Project Title
<b>COLLEGE OF HUMAN MEDICINE</b>					
1	\$3,378,982	NATIONAL INST OF HEALTH	Kerver, Jean	EPIDEMIOLOGY AND BIostatISTICS	PRENATAL EXPOSURES AND CHILD HEALTH OUTCOMES 2: INCREASING ECHO URBAN AND RURAL DIVERSITY
2	\$18,393,034	NATIONAL INST OF HEALTH	Johnson, Christine	OBSTETRICS, GYNECOLOGY AND REPRODUCTIVE BIOLOGY	ALL OF US RESEARCH PROGRAM TRANS-AMERICA CONSORTIUM OF THE HCSRN
3	\$157,000	NATIONAL INST OF HEALTH	Gui, Hongsheng	PSYCHIATRY	ASSEMBLY AND RE-ALIGNMENT OF HLA GENOMIC REGION AND ITS IMPLICATION FOR FINE-MAPPING SUICIDALITY IN AFRICAN DESCENT POPULATION
4	\$430,375	NATIONAL INST OF HEALTH	Knickmeyer-Santelli, Rebecca	INSTITUTE FOR QUANTITATIVE HEALTH	DOES MICROBIOME COMPOSITION MODERATE GI AND CNS FUNCTION IN A VPA-INDUCED MOUSE MODEL OF AUTISM
5	\$542,283	NATIONAL INST OF HEALTH	Alshaarawy, Omayma	FAMILY MEDICINE	CANNABIS USE AND CARDIOVASCULAR HEALTH OUTCOMES AMONG PATIENTS WITH HIGH BLOOD PRESSURE
6	\$796,636	NATIONAL INST OF HEALTH	Lockhart, Elizabeth	EPIDEMIOLOGY AND BIostatISTICS	A MULTILEVEL, MULTIPHASE OPTIMIZATION STRATEGY FOR PREP: PATIENTS AND PROVIDERS IN PRIMARY CARE
<b>COLLEGE OF NATURAL SCIENCE</b>					
7	\$61,250	UNIVERSITY OF NEBRASKA KEARNEY	Bazil, Jason	PHYSIOLOGY NATURAL SCIENCE	PYRUVATE DEHYDROGENASE COMPLEX ACTIVATION AS A STRATEGY TO AMELIORATE METABOLIC DISEASE
<b>COLLEGE OF NURSING</b>					
8	\$230,087	NATIONAL INST OF NURSING RESEARCH	Chen, Angela Chia-Chen	COLLEGE OF NURSING	PILOT TESTING OF A GAME-BASED INTERVENTION TO PROMOTE HPV VACCINATION IN FAMILIES WITH UNVACCINATED CHILDREN

### Michigan State University 3 Year Annualized Average Awards



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

## Top 10 Awards for the December 15, 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	\$83,358,000	Thomas Glasmacher	US Dept of Energy	FACILITY FOR RARE ISOTOPE BEAMS	New	Research	01/15/2023 01/15/2028	Operation of the Facility for Rare Isotope Beams as Scientific User Facility
2	Federal Government	\$18,393,034	Christine Johnson	National Inst of Health	OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO	New	Research	09/01/2023 08/31/2024	All of Us Research Program Trans-America Consortium of the HCSRN
3	Federal Government	\$9,838,243	Kurt Thelen	US Dept of Energy	GREAT LAKES BIOENERGY RESEARC CTR VPRGS	Modification	Research	12/01/2017 11/30/2023	Great Lakes Bioenergy Research Center
4	Federal Government	\$9,213,848	Erin Moore	US Dept of Agriculture	EXTENSION HEALTH AND NUTRITION	New	Public Service	10/01/2023 09/30/2024	Supplemental Nutrition Assistance Program - Education FY2024
5	Federal Government	\$6,033,062	Zsofia Szendrei	National Inst of Food & Agriculture	ENTOMOLOGY AGRICULTURE AND NATURAL RES	New	Research	09/01/2023 08/31/2026	Enhancing integrated insect pest management strategies for U.S. potato production systems
6	Federal Government	\$3,952,330	Timothy Miles	National Inst of Food & Agriculture	PLANT SOIL AND MICROBIAL SCIENCES	New	Research	09/15/2023 09/14/2027	BLUE-DYNAMO: An interactive platform to deliver blueberry disease and horticultural management strategies for fruit rots
7	Federal Government	\$3,378,982	Jean Kerver	National Inst of Health	EPIDEMIOLOGY AND BIOSTATISTICS	New	Research	09/01/2023 05/31/2025	Prenatal Exposures and Child Health Outcomes 2: Increasing ECHO Urban and Rural Diversity
8	Federal Government	\$3,000,000	Thomas Glasmacher	US Dept of Energy	FACILITY FOR RARE ISOTOPE BEAMS	New	Research	09/22/2023 11/28/2030	High Rigidity Spectrometer Project
9	Federal Government	\$2,985,597	Jennifer Johnson	National Inst of Mental Health	CS MOTT DEPARTMENT OF PUBLIC HEALTH	Modification	Research	08/22/2022 07/31/2027	The National Center for Health and Justice Integration for Suicide Prevention
10	Federal Government	\$2,187,500	Laurie Linscott	Administration for Children & Families	HUMAN DEVELOPMENT AND FAMILY STUDIES CSS	New	Public Service	08/30/2023 08/30/2024	Michigan State University Child Development Laboratories Community Expansion
	<b>TOTAL</b>	<b>\$142,340,596</b>							

**Gift, Grant and Contract Report**  
**Board of Trustees**  
**December 2023**

	Amount	Sponsor	Principal Investigator/Director	Unit	Project Title
<b>COLLEGE OF AGRICULTURE AND NAT RESOURCES</b>					
1	\$650,054	INTL FOOD POLICY RESEARCH INST	Boughton, Duncan	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	IFPRI - MAPSA 2
2	\$374,940	WINROCK INTL	Boughton, Duncan	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	USDA THAILAND FOOD FOR PROGRESS ACTIVITY
3	\$1,000,000	US AGENCY FOR INTL DEVELOPMENT	Burke, William	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	USAID/MALAWI ECONOMIC GROWTH POLICY ACTIVITY UNDER LEADER WITH ASSOCIATE AWARD
4	\$22,500	ECONOMIC RESEARCH SERVICE	Caputo, Vincenzina	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	THE MARKET OF MEAT ALTERNATIVES: EXISTING PRODUCTS, NEW DEVELOPMENTS, AND CONSUMER PERSPECTIVE
5	\$24,957	MICHIGAN APPLE COMMITTEE	Ker, Alan	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	PRICE SURVEY OF MICHIGAN APPLE PROCESSORS
6	\$14,462	UNIVERSITY OF MICHIGAN	Miller, Steven	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	"MAPPING AND BRIDGING BARRIERS IN KNOWLEDGE FLOWS OF HOW SOLAR PHOTOVOLTAICS AFFECT RURAL COMMUNITY ECONOMIES"
7	\$1,995,887	FOUNDATION FOR A SMOKE FREE WORLD	Muyanga, Milu	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	MWAPATA PHASE II
8	\$119,208	CHICO STATE ENTERPRISES	Rudi Polloshka, Jeta	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	ECONOMICS OF FOOD SAFETY: A CASE-STUDY APPROACH
9	\$24,960	NATIONAL INST OF FOOD & AGRICULTURE	Rutledge, Zachariah	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	UNDERSTANDING AND ADDRESSING AGRICULTURAL LABOR CHALLENGES IN THE UNITED STATES
10	\$2,050,000	US AGENCY FOR INTL DEVELOPMENT	Tschirley, David	AGRICULTURAL FOOD AND RESOURCE ECONOMICS	FEED THE FUTURE INNOVATION LAB FOR FOOD SECURITY POLICY RESEARCH, CAPACITY, AND INFLUENCE
11	\$87,928	VARIOUS INDUSTRIES	Bradford, Barry	ANIMAL SCIENCE DEPARTMENT ANR	DR. BARRY BRADFORD TESTING
12	\$83,804	AMER LAMB BOARD	Ehrhardt, Richard	ANIMAL SCIENCE DEPARTMENT ANR	DEVELOPMENT OF A GREENHOUSE GAS EMISSIONS CALCULATOR FOR USE BY US SHEEP PRODUCERS.
13	\$38,833	VARIOUS INDUSTRIES	Ruegg, Pamela	ANIMAL SCIENCE DEPARTMENT ANR	DR. RUEGG'S TESTING ACCOUNT

**Gift, Grant and Contract Report**  
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	Amount	Sponsor	Principal Investigator/Director	Unit	Project Title
14	\$156,500	NATIONAL INST OF HEALTH	Wang, Yuan	ANIMAL SCIENCE DEPARTMENT ANR	MITOCHONDRIAL DYNAMICS IN FEMALE REPRODUCTION
15	\$42,000	SCHLUMBERGER FOUNDATION	Alocilja, Evangelyn	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	FACULTY FOR THE FUTURE PROGRAM - FELLOWSHIP SUPPORT OF MWANGALA NALISA PURSUING A POSTDOC IN INFECTIOUS DISEASES
16	\$75,489	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Das, Narendra	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	ENHANCEMENT OF HIGH-RESOLUTION SOIL MOISTURE ALGORITHM AND PRODUCT FOR THE ARCTIC REGION USING THE MULTI-SENSOR DATA FUSION APPROACH
17	\$146,977	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Das, Narendra	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	DEVELOPMENT OF GLOBAL HIGH-RESOLUTION SOIL MOISTURE USING A DATA-DRIVEN APPROACH FOR THE NISAR MISSION
18	\$498,873	BOOZ ALLEN HAMILTON INC	Liao, Wei	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	A ROBUST, ENERGY-POSITIVE WASTEWATER TREATMENT SYSTEM FOR FORWARD OPERATING BASES
19	\$30,000	MICHIGAN SOYBEAN COMMITTEE	Liu, Yan	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	PRODUCTION OF PROBIOTIC ANIMAL FEED FROM SOYBEAN AND SOYBEAN MEAL
20	\$617,500	NATIONAL INST OF FOOD & AGRICULTURE	Lu, Yuzhen	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	AN AI-ENHANCED MULTISPECTRAL VISION-BASED IN-FIELD APPLE SORTING SYSTEM
21	\$27,160	MISSISSIPPI STATE UNIV	Lu, Yuzhen	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	NONDESTRUCTIVE DETECTION OF SPOTTED WING DROSOPHILA INFESTATION IN BLUEBERRY FRUIT USING OPTICAL IMAGING
22	\$461,067	NATIONAL INST OF HEALTH	Mitchell, Jade	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	QMRA IV- QUANTITATIVE MICROBIAL RISK ASSESSMENT INTERDISCIPLINARY VEHICLE: ADDRESSING EMERGING GLOBAL HEALTH RISKS
23	\$2,123,000	US ENVIRONMENTAL PROTECTION AGENCY	Mitchell, Jade	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	WINNING THE RACE AGAINST COMPETING RISKS: OPTIMIZING DRINKING WATER DISINFECTION TO MINIMIZE OPPORTUNISTIC PATHOGEN & DBP RISKS
24	\$300,000	NATIONAL SCIENCE FOUNDATION	Mitchell, Jade	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	EXPANDING ETHICS IN ENGINEERING EDUCATION
25	\$47,887	DTE ENERGY	Surbrook, Truman	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	MAEC DUES 2022
26	\$119,595	VARIOUS INDUSTRIES	Uludag-Demirer, Sibel	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	FEE FOR SERVICE - ADREC

**Gift, Grant and Contract Report**  
**Board of Trustees**  
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	Amount	Sponsor	Principal Investigator/Director	Unit	Project Title
27	\$51,054	AGRICULTURAL RESEARCH SERVICE	Yi, Jiyeon	BIOSYSTEMS AND AGRICULTURAL ENGINEERING	MSU-USDA ARS RESEARCH SUPPORT AGREEMENT
28	\$25,000	NATIONAL INST OF FOOD & AGRICULTURE	Barry, Judith	DEPARTMENT OF COMMUNITY SUSTAINABILITY	ADDRESSING BARRIERS TO BETTER SERVE SOCIALLY-DISADVANTAGED MICHIGAN PRODUCERS: A COMMUNITY-MSU INCLUSIVE TECHNICAL ASSISTANCE NETWORK
29	\$10,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Gensler, Liz	DEPARTMENT OF COMMUNITY SUSTAINABILITY	SPINE MICHIGAN LOCAL FOOD COUNCIL NETWORK
30	\$499,989	MICHIGAN HEALTH ENDOWMENT FUND	Gensler, Liz	DEPARTMENT OF COMMUNITY SUSTAINABILITY	MODELING FOOD SOVEREIGNTY IN MICHIGAN'S LOCAL FOOD COUNCILS
31	\$31,508	NATIONAL INST OF STANDARDS & TECHNOLOGY	Gray, Steven	DEPARTMENT OF COMMUNITY SUSTAINABILITY	INTEGRATING NIST EDGES AND MENTAL MODELER IPA AGREEMENT
32	\$5,077	CLEMSON UNIV	McKim, Aaron	DEPARTMENT OF COMMUNITY SUSTAINABILITY	IMMERSIVE PROFESSIONAL DEVELOPMENT EXPERIENCES FOR AGRISCIENCE TEACHERS TO EXPLORE THE FLORICULTURE INDUSTRY
33	\$25,000	USDA FOREST SERVICE	Perry, Elizabeth	DEPARTMENT OF COMMUNITY SUSTAINABILITY	MANISTEE RIVER LOOP TRAIL SUSTAINABILITY ASSESSMENT
34	\$499,957	US DEPT OF AGRICULTURE	Warsaw, Phillip	DEPARTMENT OF COMMUNITY SUSTAINABILITY	IMPROVING ADOPTION AND UTILIZATION OF METRICS AND EVIDENCE-BASED MARKETING AT FARMERS MARKETS
35	\$290,000	AGRICULTURAL MARKETING SERVICE	Warsaw, Phillip	DEPARTMENT OF COMMUNITY SUSTAINABILITY	STRENGTHENING INSTITUTIONAL PROCUREMENT: LESSONS FROM LFPA
36	\$5,585	UNIVERSITY OF ILLINOIS	Zwickle, Adam	DEPARTMENT OF COMMUNITY SUSTAINABILITY	SUSTAINING ECOSYSTEM SERVICES IN AGRICULTURAL LANDSCAPES THROUGH A BETTER UNDERSTANDING OF DECISION-SUPPORT SYSTEMS
37	\$121,404	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Burrack, Hannah	ENTOMOLOGY AGRICULTURE AND NATURAL RES	EXPANSION OF MICHIGAN'S PESTICIDE SAFETY EDUCATION PROGRAM: FY2024
38	\$25,400	VARIOUS INDUSTRIES	Isaacs, Rufus	ENTOMOLOGY AGRICULTURE AND NATURAL RES	ISAACS TESTING PROJECTS
39	\$49,999	ANIMAL & PLANT HEALTH INSPECTION SERVICE	Isaacs, Rufus	ENTOMOLOGY AGRICULTURE AND NATURAL RES	MI FY23 BC SPOTTED-WING DROSOPHILA

**Gift, Grant and Contract Report**  
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	Amount	Sponsor	Principal Investigator/Director	Unit	Project Title
40	\$56,339	IOWA STATE UNIV	Jess, Lynnae	ENTOMOLOGY AGRICULTURE AND NATURAL RES	NORTH CENTRAL INTEGRATED PEST MANAGEMENT (NCIPMC): A REGIONAL APPROACH TO PEST MANAGEMENT IMPLEMENTATION
41	\$200,000	BAYER CROPSCIENCE	Maredia, Karimbhai	ENTOMOLOGY AGRICULTURE AND NATURAL RES	MSU-BAYER SCIENCE AND TECHNOLOGY GLOBAL FELLOWSHIP PROGRAM II
42	\$22,039	MICHIGAN SOYBEAN COMMITTEE	Quintanilla Tornel, Marisol	ENTOMOLOGY AGRICULTURE AND NATURAL RES	EXPLORING HOST SUITABILITY AND TRAP CROP POTENTIAL FOR SOYBEAN CYST NEMATODE MANAGEMENT IN WINTER WHEAT
43	\$233,785	UNIVERSITY OF IDAHO	Quintanilla Tornel, Marisol	ENTOMOLOGY AGRICULTURE AND NATURAL RES	SYSTEMS APPROACH TO CONTROLLING NEMATODES IN US POTATO PRODUCTION
44	\$14,000	VARIOUS INDUSTRIES	Quintanilla Tornel, Marisol	ENTOMOLOGY AGRICULTURE AND NATURAL RES	QUINTANILLA TESTING PROJECTS
45	\$19,902	MICHIGAN WHEAT PROGRAM	Quintanilla Tornel, Marisol	ENTOMOLOGY AGRICULTURE AND NATURAL RES	EXPLORING HOST SUITABILITY AND TRAP CROP POTENTIAL FOR NEMATODE MANAGEMENT IN WINTER WHEAT
46	\$90,000	USDA FOREST SERVICE	Ravlin, Bill	ENTOMOLOGY AGRICULTURE AND NATURAL RES	PARASITOID ESTABLISHMENT AND IMPACT FOR BIOLOGICAL CONTROL OF EMERALD ASH BORER ACROSS A NORTH SOUTH GRADIENT
47	\$11,000	VARIOUS INDUSTRIES	Smitley, David	ENTOMOLOGY AGRICULTURE AND NATURAL RES	SMITLEY TESTING PROJECTS
48	\$25,000	ANIMAL & PLANT HEALTH INSPECTION SERVICE	Smitley, David	ENTOMOLOGY AGRICULTURE AND NATURAL RES	FACILITATING SPREAD OF THE MICROSPORIDIAN
49	\$14,988	NORTH CENTRAL REGION SARE AT THE UNIV OF MINNESOTA	Szendrei, Zsofia	ENTOMOLOGY AGRICULTURE AND NATURAL RES	DEVELOP GROWER-APPROPRIATE PLANT RESIDUE MANAGEMENT METHODS TO REDUCE ASPARAGUS BEETLE DAMAGE
50	\$6,033,062	NATIONAL INST OF FOOD & AGRICULTURE	Szendrei, Zsofia	ENTOMOLOGY AGRICULTURE AND NATURAL RES	ENHANCING INTEGRATED INSECT PEST MANAGEMENT STRATEGIES FOR U.S. POTATO PRODUCTION SYSTEMS
51	\$28,400	VARIOUS INDUSTRIES	Wilson, Julianna	ENTOMOLOGY AGRICULTURE AND NATURAL RES	WILSON TESTING PROJECTS
52	\$72,750	VARIOUS INDUSTRIES	Wise, John	ENTOMOLOGY AGRICULTURE AND NATURAL RES	WISE TESTING PROJECTS

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53	\$14,972	MICHIGAN APPLE COMMITTEE	Wise, John	ENTOMOLOGY AGRICULTURE AND NATURAL RES	RAINFASTNESS OF FUNGICIDES FOR DISEASE CONTROL IN APPLES
54	\$288,585	USDA FOREST SERVICE	Ziegler, Amos	ENTOMOLOGY AGRICULTURE AND NATURAL RES	NATIONAL SLOW THE SPREAD OF THE SPONGY MOTH PROJECT: NORTHERN REGIONAL DATABASE NODE
55	\$28,000	ANIMAL & PLANT HEALTH INSPECTION SERVICE	Ziegler, Amos	ENTOMOLOGY AGRICULTURE AND NATURAL RES	EAB BIOLOGICAL CONTROL MOBILE DATA COLLECTION
56	\$45,000	VARIOUS FOUNDATIONS	Belant, Jerrold	FISHERIES AND WILDLIFE	BOONE AND CROCKETT PROGRAM
57	\$50,000	MICHIGAN DEPT OF NATURAL RESOURCES	Belant, Jerrold	FISHERIES AND WILDLIFE	WLD 2316 - DEVELOPING MONITORING TOOLS FOR BLACK BEAR ABUNDANCE AND DEER HARVEST, ABUNDANCE, AND DISEASE
58	\$16,518	MINNESOTA DEPT OF NATURAL RESOURCES	Bence, James	FISHERIES AND WILDLIFE	MICHIGAN STATE UNIVERSITY QUANTITATIVE FISHERIES CENTER/GREAT LAKES FISHERIES CONSULTING WITH MINNESOTA DEPARTMENT OF NATURAL RESOURCES
59	\$22,024	MICHIGAN DEPT OF NATURAL RESOURCES	Brenden, Travis	FISHERIES AND WILDLIFE	QUANTITATIVE SUPPORT FOR INTER-JURISDICTIONAL FISHERIES MANAGEMENT ON THE GREAT LAKES
60	\$256,614	US GEOLOGICAL SURVEY	Brenden, Travis	FISHERIES AND WILDLIFE	IMPROVE CONTROL EFFICIENCY THROUGH BETTER UNDERSTANDING OF GRASS CARP BEHAVIOR IN NEARSHORE AREAS OF THE GREAT LAKES
61	\$249,712	GREAT LAKES FISHERY TRUST	Buchinger, Tyler	FISHERIES AND WILDLIFE	BEHAVIORAL INVESTIGATIONS OF OLFACTORY IMPRINTING TO NATAL ODORS IN CISCO COREGONUS ARTEDI
62	\$186,250	UNIVERSITY OF MINNESOTA TWIN CITIES	Cahill, Christopher	FISHERIES AND WILDLIFE	EXPANDING LESSONS FROM DATA-RICH INLAND FISHERIES TO DATA-LIMITED SCENARIOS FOR CLIMATE ADAPTATION
63	\$97,062	ANIMAL & PLANT HEALTH INSPECTION SERVICE	Christensen, Sonja	FISHERIES AND WILDLIFE	ASSESSING LANDOWNER ACCESS FOR CWD MANAGEMENT
64	\$75,000	ANIMAL & PLANT HEALTH INSPECTION SERVICE	DeGregorio, Brett	FISHERIES AND WILDLIFE	23-7400-1674-CA. EVALUATING NON-LETHAL TOOLS TO REDUCE DAMAGE CAUSED BY AMERICAN BEAVER
65	\$133,425	US FISH & WILDLIFE SERVICE	Infante, Dana	FISHERIES AND WILDLIFE	FISH HABITAT PARTNERSHIP
66	\$40,000	US GEOLOGICAL SURVEY	Infante, Dana	FISHERIES AND WILDLIFE	PREDICTING INVASION HOTSPOTS FOR AQUATIC ORGANISMS ACROSS THE U.S. LANDSCAPE
67	\$30,000	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Liu, Jianguo (Jack)	FISHERIES AND WILDLIFE	NASA-MSU PROFESSIONAL ENHANCEMENT AWARDS

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68	\$198,367	UNIVERSITY OF ILLINOIS URBANA CHAMPAIGN	Liu, Jianguo (Jack)	FISHERIES AND WILDLIFE	HDR INSTITUTE: GEOSPATIAL UNDERSTANDING THROUGH AN INTEGRATIVE DISCOVERY ENVIRONMENT
69	\$280,111	IOWA STATE UNIV	Loch, Thomas	FISHERIES AND WILDLIFE	IMPROVING FISH HEALTH IN THE NCR BY INTEGRATING EXTENSION WITH THE DEVELOPMENT OF ALTERNATIVE DISEASE PREVENTION METHODS
70	\$58,000	EMERGINGDX INC	Loch, Thomas	FISHERIES AND WILDLIFE	LOW-COST DIAGNOSTIC PLATFORM FOR AQUACULTURE
71	\$24,951	NATIONAL SCIENCE FOUNDATION	Owen, Jennifer	FISHERIES AND WILDLIFE	PLANNING THE FUTURE OF COREY MARSH ECOLOGICAL RESEARCH CENTER
72	\$10,000	MICHIGAN DEPT OF NATURAL RESOURCES	Owen, Jennifer	FISHERIES AND WILDLIFE	BURKE LAKE BANDING STATION SUPPORT
73	\$123,714	SAULT STE MARIE TRIBE OF CHIPPEWA INDIANS	Roloff, Gary	FISHERIES AND WILDLIFE	TASK ORDER NO. 3 UNDER MASTER RESEARCH AGREEMENT BETWEEN SAULT STE MARIE TRIBE OF CHIPPEWA INDIANS AND MICHIGAN STATE UNIVERSITY
74	\$89,867	MICHIGAN DEPT OF NATURAL RESOURCES	Roloff, Gary	FISHERIES AND WILDLIFE	ROLOFF ANNUAL PERM AGREEMENT
75	\$1,230,048	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Rose, Joan	FISHERIES AND WILDLIFE	SARS-COV-2 EPIDEMIOLOGY – WASTEWATER EVALUATION AND REPORTING (SEWER) NETWORK
76	\$174,427	GREAT LAKES FISHERY COMMISSION	Vandergoot, Christopher	FISHERIES AND WILDLIFE	PERM SALARY: CHRIS VANDERGOOT
77	\$39,371	WELLESLEY COLLEGE	Comstock, Sarah	FOOD SCIENCE AND HUM NUTRITION ANR	DIVERSITY OF HUMAN MILK OLIGOSACCHARIDE METABOLIZING GENES IN TWO INFANT COHORTS
78	\$158,839	AGRICULTURAL RESEARCH SERVICE	Mayhew, Emily	FOOD SCIENCE AND HUM NUTRITION ANR	ACCESSIBLE CULTIVAR AND PROCESSING STRATEGIES FOR IMPROVED PULSE FLOUR QUALITY
79	\$7,996	BACARDI USA INC	Mayhew, Emily	FOOD SCIENCE AND HUM NUTRITION ANR	CONSUMER TESTING OF CANNED COCKTAILS
80	\$565,997	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.
81	\$20,549	AGRICULTURAL RESEARCH SERVICE	Swada, Jeffrey	FOOD SCIENCE AND HUM NUTRITION ANR	DRY BEAN DEHULLING METHOD DEVELOPMENT
82	\$7,000	WORLD HEALTH ORGANIZATION	Wu, Felicia	FOOD SCIENCE AND HUM NUTRITION ANR	REVIEW AND EVIDENCE SYNTHESIS OF DATA NEEDED TO ESTIMATE THE GLOBAL BURDEN OF DISEASE CAUSED BY FOODBORNE EXPOSURE TO AFLATOXIN B1 AND AFLATOXIN M1
83	\$24,998	TUFTS UNIV	Wu, Felicia	FOOD SCIENCE AND HUM NUTRITION ANR	FOOD SYSTEMS FOR NUTRITION INNOVATION LAB (FSN-IL)
84	\$63,570	UNIVERSITY OF HOUSTON	Wu, Felicia	FOOD SCIENCE AND HUM NUTRITION ANR	MISC-CBO: A CLUSTER RANDOMIZED CONTROL TRIAL TO IMPROVE THE MENTAL HEALTH OF OVC IN SOUTH AFRICA

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85	\$25,000	AMERICAN FOREST FOUNDATION	Clay, Kylie	FORESTRY	IMPLEMENTING FORESTS AS A CLIMATE SOLUTION: FOREST PROPERTY TAX PROGRAM AND CARBON PROJECT COMPATIBILITY
86	\$16,000	USDA FOREST SERVICE	Cooper, Lauren	FORESTRY	TRAINING AND PARTNERSHIP IN CARBON AND CLIMATE FOR LATIN AMERICAN PROFESSIONALS
87	\$284,000	USDA FOREST SERVICE	Dowtin, Asia	FORESTRY	ENGAGING DETROIT COMMUNITIES THROUGH REFORESTATION ACROSS SIX DIFFERENT SITE TYPES: A PROJECT OF THE GREAT LAKES RESTORATION INITIATIVE
88	\$300,000	NATIONAL COUNCIL FOR AIR & STREAM IMPROVEMENT	Finley, Andrew	FORESTRY	TOWARD OPERATIONAL FIA MODEL-BASED ESTIMATION OF HIGH-DIMENSIONAL FOREST INVENTORY PARAMETERS TO SUPPORT INFERENCE AT USER-DEFINED SPATIAL AND TEMPORAL SCALES
89	\$437,180	USDA FOREST SERVICE	Huff, Emily	FORESTRY	SYNTHESIS OF BASELINE ACCEPTANCE, RESEARCH NEEDS, AND PRIORITIES RELATED TO WILDFIRE
90	\$52,000	USDA FOREST SERVICE	Huff, Emily	FORESTRY	EXPERT PERCEPTIONS OF FIRE-IMPACTED WOOD
91	\$68,000	NORTHERN MICHIGAN UNIV	Huff, Emily	FORESTRY	FOREST FUELS: EQUITY, ENVIRONMENT, AND WOODY BIOMASS ENERGY TECHNOLOGIES IN MICHIGAN
92	\$249,999	MICHIGAN DEPT OF NATURAL RESOURCES	Kobe, Richard	FORESTRY	MDNR START-UP SUPPORT OF A REPLACEMENT SILVICULTURIST FACULTY POSITION WITH THE MSU DEPARTMENT OF FORESTRY
93	\$100,000	AMER FORESTS	Lupien, Sandra	FORESTRY	2022 STATE URBAN FOREST RESILIENCE GRANT PROGRAM
94	\$50,000	USDA FOREST SERVICE	Macfarlane, David	FORESTRY	INVESTIGATING NEW NATIONAL TREE BIOMASS MODELS FOR URBAN FIA
95	\$160,000	UNITED SOYBEAN BOARD	Nejad, Mojgan	FORESTRY	DEVELOPMENT OF SOY-LIGNIN POLYURETHANE FLEXIBLE FOAM FOR AUTOMOTIVE
96	\$28,300	OREGON STATE UNIV	Nejad, Mojgan	FORESTRY	A FUNDAMENTAL STUDY OF LIGNIN REACTION WITH FORMALDEHYDE
97	\$126,954	PENN SOIL RESOURCE CONSERVATION & DEV COUNCIL	Pokharel, Raju	FORESTRY	THE ECONOMIC TRADEOFFS IN TIMBER PRODUCTS UNDER VARIOUS CARBON MANAGEMENT STRATEGIES FOR MARYLAND AND PENNSYLVANIA
98	\$40,904	WISCONSIN DEPT OF NATURAL RESOURCES	Pokharel, Raju	FORESTRY	ANALYSIS OF LOCATION, FEEDSTOCK AVAILABILITY, AND ECONOMIC CONTRIBUTIONS OF LOCATING A MASS TIMBER MANUFACTURING PLANT IN WISCONSIN
99	\$304,556	WORLD RESOURCES INSTITUTE	Skole, David	FORESTRY	RAMPING UP SCIENCE-BASED MEASUREMENT AND REPORTING OF LAND CARBON STOCKS FOR CLIMATE CHANGE MITIGATION USING NATURE-BASED SOLUTIONS
100	\$29,799	UNIVERSITY OF MARYLAND	Skole, David	FORESTRY	NASA LAND COVER LAND USE CHANGE (LCLUC) PROJECT COMMUNITY SUPPORT
101	\$150,335	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Skole, David	FORESTRY	HOTSPOT DETECTION FOR MONITORING NEW TRENDS IN CARBON SEQUESTRATION IN SYSTEMS OF TREES OUTSIDE OF FORESTS (TOF)

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102	\$42,032	MICHIGAN APPLE COMMITTEE	Beaudry, Randolph	HORTICULTURE ANR	APPLE RIPENING AFTER DYNAMIC CA STORAGE: ASSESSING THE RISK OF FLAVOR LOSS
103	\$14,595	CHRISTMAS TREE PROMOTION BOARD	Cregg, Bert	HORTICULTURE ANR	MANAGING CONE FORMATION IN ABIES CHRISTMAS TREE SPECIES
104	\$20,845	CHRISTMAS TREE PROMOTION BOARD	Cregg, Bert	HORTICULTURE ANR	IMPROVING CHRISTMAS TREE PLANTATION ESTABLISHMENT: IMPACTS OF SEEDLING QUALITY AND PLANTING TREATMENTS
105	\$86,314	MICHIGAN APPLE COMMITTEE	Einhorn, Todd	HORTICULTURE ANR	NEW THINNING STRATEGIES TO IMPROVE APPLE PROFITABILITY AND PREDICTABILITY
106	\$159,832	CORNELL UNIV	Einhorn, Todd	HORTICULTURE ANR	PRECISION CROP LOAD MANAGEMENT FOR APPLES
107	\$31,703	MICHIGAN APPLE COMMITTEE	Hollender, Courtney	HORTICULTURE ANR	THE BIOLOGICAL MECHANISM BEHIND EARLY AND LATE APPLE SPORTS
108	\$35,000	AMER FLORAL ENDOWMENT	Lopez, Roberto	HORTICULTURE ANR	DEVELOPING FOLIAGE STOCK PLANT, LINER AND FINISH PLANT PRODUCTION PROTOCOLS FOR TEMPERATE CLIMATES
109	\$35,000	AMER FLORAL ENDOWMENT	Lopez, Roberto	HORTICULTURE ANR	MANIPULATING LIGHT QUANTITY, QUALITY, AND DURATION TO IMPROVE TIMING, YIELD, AND QUALITY OF GREENHOUSE GROWN CUT FLOWERS
110	\$48,239	AGRICULTURAL RESEARCH SERVICE	Runkle, Erik	HORTICULTURE ANR	MODERNIZING FLORICULTURE PRODUCTION WITH LEDS WHILE CO-OPTIMIZING THE ENVIRONMENT
111	\$98,088	AGRICULTURAL RESEARCH SERVICE	Song, Guo-Qing	HORTICULTURE ANR	DEVELOP NOVEL TRANSIENT TRANSFORMATION METHODS FOR CREATING NON-TRANSGENIC GENE EDITING EVENTS IN GRAPEVINE
112	\$5,795	AGRICULTURAL RESEARCH SERVICE	Vannocker, Steven	HORTICULTURE ANR	PLANT EXPLORATION IN THE STATE OF MICHIGAN TO COLLECT MALUS CORONARIA GERMPASM FOR CROP IMPROVEMENT
113	\$24,600	AMER FLORAL ENDOWMENT	Warner, Ryan	HORTICULTURE ANR	ALTERING PETUNIA DEVELOPMENT RATE TO IMPROVE CUTTING YIELD AND CROP PRODUCTION EFFICIENCY
114	\$397,400	NATIONAL INST OF FOOD & AGRICULTURE	Byrne, Jan	PLANT SOIL AND MICROBIAL SCIENCES	NORTH CENTRAL PLANT DIAGNOSTIC NETWORK
115	\$55,000	MICHIGAN WHEAT PROGRAM	Chilvers, Martin	PLANT SOIL AND MICROBIAL SCIENCES	PROTECTING YIELDS AND IMPROVING WHEAT DISEASE MANAGEMENT THROUGH DISEASE SURVEILLANCE AND IMPROVED MANAGEMENT RECOMMENDATIONS
116	\$76,081	AGRICULTURAL RESEARCH SERVICE	Chilvers, Martin	PLANT SOIL AND MICROBIAL SCIENCES	EVALUATION AND OPTIMIZATION OF GENOMIC SELECTION FOR DURABLE WHITE MOLD RESISTANCE IN DRY BEAN
117	\$1,144,000	NATIONAL INST OF FOOD & AGRICULTURE	Douches, David	PLANT SOIL AND MICROBIAL SCIENCES	POTATO BREEDING AND VARIETY DEVELOPMENT IN THE NORTH CENTRAL US: ENHANCING YIELD, QUALITY AND RESILIENCE WITH NEW TECHNOLOGIES, 2023-25
118	\$19,296	AGRICULTURAL RESEARCH SERVICE	Douches, David	PLANT SOIL AND MICROBIAL SCIENCES	SCREENING SOLANUM SPECIES FOR ABIOTIC HEAT AND WATER STRESS

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119	\$64,806	AGRICULTURAL RESEARCH SERVICE	Douches, David	PLANT SOIL AND MICROBIAL SCIENCES	LEVERAGING PLANT-MICROBE INTERACTIONS TO OPTIMIZE SYMBIOTIC NITROGEN FIXATION OF DRY BEAN
120	\$116,279	AGRICULTURAL RESEARCH SERVICE	Hausbeck, Mary	PLANT SOIL AND MICROBIAL SCIENCES	ADVANCING NOVEL TACTICS AND TRIAGING FUNGICIDE RESISTANCE FOR BOTRYTIS CINEREA AND OTHER PROFIT-LIMITING PATHOGENS
121	\$11,405	AGRICULTURAL RESEARCH SERVICE	Horgan, Brian	PLANT SOIL AND MICROBIAL SCIENCES	ACQUISITION OF GOODS AND SERVICES
122	\$47,053	AGRICULTURAL RESEARCH SERVICE	Horgan, Brian	PLANT SOIL AND MICROBIAL SCIENCES	ACQUISITION OF GOODS AND SERVICES
123	\$20,597	MICHIGAN WHEAT PROGRAM	Merewitz Holm, Emily	PLANT SOIL AND MICROBIAL SCIENCES	INFLUENCE OF ICE ENCASEMENT AND WINTER DESICCATION ON WINTER WHEAT PHYSIOLOGY AND YIELD
124	\$12,000	MICHIGAN TURFGRASS FOUNDATION	Merewitz Holm, Emily	PLANT SOIL AND MICROBIAL SCIENCES	2021-22 TURFGRASS RESEARCH
125	\$53,300	VARIOUS INDUSTRIES	Miles, Timothy	PLANT SOIL AND MICROBIAL SCIENCES	MILES PSM TESTING
126	\$10,000	CANADIAN TURFGRASS RESEARCH FOUNDATION	Nikolai, Thomas	PLANT SOIL AND MICROBIAL SCIENCES	ENVIRONMENTAL AND ECONOMIC COMPARISON BETWEEN VARIABLE DEPTH ROOTZONE AND CAPILLARY HYDROPONICS SYSTEM TO PROMOTE SUSTAINABLE PUTTING GREEN MANAGEMENT
127	\$81,959	OHIO STATE UNIV	Olson, Eric	PLANT SOIL AND MICROBIAL SCIENCES	A MULTI-PURPOSE COOPERATIVE TRIAL TO IMPROVE ALL PHASES OF CULTIVAR DEVELOPMENT
128	\$38,001	MICHIGAN WHEAT PROGRAM	Olson, Eric	PLANT SOIL AND MICROBIAL SCIENCES	2024 HIGH-MANAGEMENT TESTING OF MICHIGAN WHEAT VARIETIES
129	\$51,080	MICHIGAN WHEAT PROGRAM	Olson, Eric	PLANT SOIL AND MICROBIAL SCIENCES	IMPROVED METHODS FOR ASSESSING PREHARVEST SPROUTING AND APPLICATIONS IN RESISTANT VARIETY DEVELOPMENT, PHASE III
130	\$88,505	MICHIGAN WHEAT PROGRAM	Olson, Eric	PLANT SOIL AND MICROBIAL SCIENCES	DEVELOPING SOFT WINTER WHEAT VARIETIES FOR MICHIGAN, 2024
131	\$24,527	MICHIGAN WHEAT PROGRAM	Singh, Maninderpal	PLANT SOIL AND MICROBIAL SCIENCES	OPTIMIZING PLANTING PRACTICES IN WINTER WHEAT: ROLE OF PRECISION PLANTING, ROW SPACING, VARIETAL CANOPY & SEEDING RATE
132	\$29,693	MICHIGAN WHEAT PROGRAM	Singh, Maninderpal	PLANT SOIL AND MICROBIAL SCIENCES	EXPLORING WINTER WHEAT CANOPY ARCHITECTURE FOR VARIETY-SPECIFIC MANAGEMENT STRATEGIES
133	\$28,000	MICHIGAN WHEAT PROGRAM	Sprague, Christy	PLANT SOIL AND MICROBIAL SCIENCES	WEED CONTROL AND CROP TOLERANCE IN EARLY- AND LATE-PLANTED WINTER WHEAT FROM FALL HERBICIDE APPLICATIONS – YEAR 2
134	\$42,750	VARIOUS INDUSTRIES	Sprague, Christy	PLANT SOIL AND MICROBIAL SCIENCES	SPRAGUE PSM TESTING
135	\$48,943	MICHIGAN WHEAT PROGRAM	Steinke, Kurt	PLANT SOIL AND MICROBIAL SCIENCES	MANAGING AND MITIGATING VARIABILITY IN WINTER WHEAT UPTAKE OF HEAVY METALS

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136	\$85,684	VARIOUS INDUSTRIES	Steinke, Kurt	PLANT SOIL AND MICROBIAL SCIENCES	STEINKE PSM TESTING
137	\$26,401	MICHIGAN APPLE COMMITTEE	Sundin, George	PLANT SOIL AND MICROBIAL SCIENCES	FUNGICIDE RESISTANCE SCREENING IN THE APPLE SCAB PATHOGEN VENTURIA INAEQUALIS, AND CONTINUED WORK ON SHOOT BLIGHT MANAGEMENT
138	\$11,926	VARIOUS INDUSTRIES	Sundin, George	PLANT SOIL AND MICROBIAL SCIENCES	SUNDIN PSM TESTING
139	\$400,000	NATIONAL SCIENCE FOUNDATION	Thomashow, Michael	PLANT SOIL AND MICROBIAL SCIENCES	RESEARCH PGR: THE TEMPERATURE-IMMUNITY NEXUS: ACTIVATION OF IMMUNITY BY LOW TEMPERATURE
140	\$374,997	AG SPECTRUM CO	Thompson, Addie	PLANT SOIL AND MICROBIAL SCIENCES	PREDICTING MAIZE HYBRID YIELD RESPONSE TO NITROGEN
141	\$25,000	VARIOUS INDUSTRIES	Vargas, Joseph	PLANT SOIL AND MICROBIAL SCIENCES	VARGAS PSM TESTING
142	\$60,000	UNITED SOYBEAN BOARD	Wang, Dechun	PLANT SOIL AND MICROBIAL SCIENCES	INCORPORATION OF NOVEL RESISTANCE GENES INTO NON-GMO HIGH OLEIC SOYBEAN VARIETIES USING GENETICS, GENOMICS, AND BREEDING TOOLS
143	\$99,783	UNITED SOYBEAN BOARD	Wang, Dechun	PLANT SOIL AND MICROBIAL SCIENCES	CONTINUE DEVELOPMENT AND COMMERCIALIZATION OF NON-GMO HIGH OLEIC VARIETIES IN MATURITY GROUPS I TO III
144	\$150,000	USDA-NATURAL RESOURCES CONSERVATION SERVICE	Wessel, Barret	PLANT SOIL AND MICROBIAL SCIENCES	IMPROVING SOIL BULK DENSITY AND CARBON ESTIMATES IN INLAND WETLAND HISTOSOLS
145	\$38,591	AGRICULTURAL RESEARCH SERVICE	Willbur, Jaime	PLANT SOIL AND MICROBIAL SCIENCES	DEVELOPMENT OF A GENOMIC SELECTION MODEL FOR RHIZOCTONIA ROOT AND CROWN ROT RESISTANCE ACROSS ARS BREEDING PROGRAMS
146	\$94,600	VARIOUS INDUSTRIES	Willbur, Jaime	PLANT SOIL AND MICROBIAL SCIENCES	WILLBUR PSM TESTING
147	\$79,424	CREIGHTON UNIVERSITY	Zhang, Wei	PLANT SOIL AND MICROBIAL SCIENCES	CONFINEMENT OF CHRONIC WASTING DISEASE PRIONS FROM INFECTED CARCASSES AFTER BURIAL
148	\$149,969	AGRICULTURAL MARKETING SERVICE	Cui, Yue	SCHOOL OF PLANNING DES CONSTRUCTION ANR	2024 NATIONAL FARMERS MARKET MANAGER SURVEY: PHASE I
149	\$64,000	US ARMY CORPS OF ENGINEERS	Cui, Yue	SCHOOL OF PLANNING DES CONSTRUCTION ANR	ESTIMATING THE SOCIAL AND ECONOMIC IMPACTS OF USACE WATER SUPPLY PROJECTS: AN EXPLORATORY STUDY
150	\$30,000	MICHIGAN DEPT OF NATURAL RESOURCES	Kim, Jun Hyun	SCHOOL OF PLANNING DES CONSTRUCTION ANR	SUSTAINABLE PARK DESIGN AND PLANNING PROJECT
151	\$100,000	NATIONAL HOUSING ENDOWMENT	Yeganeh, Armin	SCHOOL OF PLANNING DES CONSTRUCTION ANR	MICHIGAN STATE UNIVERSITY RESIDENTIAL CONSTRUCTION MANAGEMENT PROGRAM
152	\$25,000	PURDUE UNIV	Yeganeh, Armin	SCHOOL OF PLANNING DES CONSTRUCTION ANR	NCRCRD-RESILIENT RURAL COMMUNITIES

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153	\$55,000	NATIONAL SCIENCE FOUNDATION	Zhao, Dong	SCHOOL OF PLANNING DES CONSTRUCTION ANR	CAREER: INTELLIGENT ENERGY RETROFIT DECISIONS FOR LARGE-SCALE RESIDENTIAL BUILDINGS
<b>COLLEGE OF ARTS AND LETTERS</b>					
154	\$66,000	ISRAEL INST	Aronoff, Yael	AL RESEARCH AND SCHOLARSHIP	SERLING ISRAELI VISITING SCHOLAR AND ISRAEL INSTITUTE VISITING PROFESSOR
155	\$399,186	NATIONAL SCIENCE FOUNDATION	Kirby, Caitlin	AL RESEARCH AND SCHOLARSHIP	IMPROVING LEARNING OUTCOMES AND EQUITY IN BLENDED ONLINE AND FACE-TO-FACE LEARNING
156	\$28,980	PRESIDENT & FELLOWS OF HARVARD COLLEGE	Frey, Jon	ART ART HISTORY AND DESIGN	PUBLICATION OF A MONOGRAPH ON THE ROMAN BATH AT THE SANCTUARY OF POSEIDON AT ISTHMIA
157	\$9,982	NATIONAL ENDOWMENT FOR THE HUMANITIES	Frey, Jon	ART ART HISTORY AND DESIGN	ACCESSIBLE ARTIFACT STORAGE AT ISTHMIA
158	\$6,854	DUOLINGO INC	Winke, Paula	LINGUISTICS, LANGUAGES, AND CULTURES	SHEDDING LIGHT ON THE TEST-TAKING EXPERIENCES OF FRANCOPHONE AFRICAN LEARNERS OF ENGLISH IN HIGH-STAKES ENGLISH PROFICIENCY TESTING THROUGH FOCUS GROUPS
159	\$74,209	NATIONAL SCIENCE FOUNDATION	Kendig, Catherine	PHILOSOPHY	EPISTEMIC AND ETHICAL FUNCTIONS OF CATEGORIES IN THE AGRICULTURAL SCIENCES
160	\$287,195	NATIONAL SCIENCE FOUNDATION	O'Rourke, Michael	PHILOSOPHY	A THEORY OF INTEGRATION IN CROSSDISCIPLINARY RESEARCH AND PRACTICE
161	\$29,422	UNIVERSITY OF MICHIGAN	Khalil, Mohammad	RELIGIOUS STUDIES	DIGITAL ISLAMIC STUDIES CURRICULUM (DISC)
162	\$16,206	US DEPT OF STATE	McNish, Deric	THEATRE	RIPPLE EFFECT: DEvised CLIMATE-BASED PERFORMANCES IN UNITED STATES AND MACEDONIA
163	\$199,737	NATIONAL ENDOWMENT FOR THE HUMANITIES	Boyles, Christina	WRITING, RHETORIC, AND CULTURES	ARCHIVING PUERTO RICO: DIGITAL MEMORY AND THE TEMPORALITIES OF DISASTER
<b>COLLEGE OF COMMUNICATION ARTS SCIENCES</b>					
164	\$323,289	NATIONAL SCIENCE FOUNDATION	Besley, John	ADVERTISING AND PUBLIC RELATIONS	COLLABORATIVE RESEARCH: ADVANCING PUBLIC ENGAGEMENT WITH SCIENCE ACROSS THE LONG-TERM ECOLOGICAL RESEARCH NETWORK
165	\$49,668	AGENCY FOR HEALTHCARE RESEARCH & QUALITY	Holtz, Bree	ADVERTISING AND PUBLIC RELATIONS	TELEHEALTH POST-PANDEMIC: A ROADMAP FOR THE COMING DECADE
166	\$17,331	UNITED WAY OF SOUTH CENTRAL MICHIGAN	Turner, Shawn	BROADCASTING SERVICES	COMMUNITY INVESTMENT
167	\$1,425,000	US DEPT OF EDUCATION	Turner, Shawn	BROADCASTING SERVICES	STRENGTHENING EQUITABLE K-12 ACCESS TO EDUCATION TO THE LANSING AREA VIA FREE OVER THE AIR SERVICES

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168	\$10,000	FRED ROGERS PRODUCTIONS	Turner, Shawn	BROADCASTING SERVICES	BE MY NEIGHBOR DAY 2023-24
169	\$94,994	CALVIN UNIVERSITY	Eden, Allison	COMMUNICATION	CHARACTER ENGAGEMENT AND MORAL UNDERSTANDING IN SCREEN STORIES
170	\$631,380	NATIONAL SCIENCE FOUNDATION	Schmaelzle, Ralf	COMMUNICATION	NEUROCOGNITIVE AND BEHAVIORAL CONSTITUENTS OF NONVERBAL SPEAKER-LISTENER ATTUNEMENT DURING SCIENCE COMMUNICATION
171	\$68,924	NATIONAL INST OF HEALTH	Naghbolhosseini, Maryam	COMMUNICATIVE SCIENCES DISORDERS CAS	BAYESIAN DATA-DRIVEN SUBJECT-SPECIFIC MODELING OF VOICE PRODUCTION
172	\$49,931	US DEPT OF STATE	Takahashi, Bruno	JOURNALISM	BUILDING RESPONSE CAPACITY AMONG BOLIVIAN JOURNALISTS TO COVER HUMAN AND CLIMATE THREATS TO THE AMAZON AND PANTANAL
173	\$326,916	MICHIGAN DEPT OF LICENSING & REGULATORY AFFAIRS	Swierenga, Sarah	MEDIA AND INFORMATION	MICHIGAN WORKFORCE BACKGROUND CHECK FY24 - LARA ONLY PORTION
174	\$213,918	MICHIGAN DEPT OF LICENSING & REGULATORY AFFAIRS	Swierenga, Sarah	MEDIA AND INFORMATION	MICHIGAN WORKFORCE BACKGROUND CHECK FY24 - CCPL PORTION
175	\$150,000	MOZILLA FOUNDATION	Wyche, Susan	MEDIA AND INFORMATION	REIMAGINING INFORMATION COMMUNICATION TECHNOLOGY AND DEVELOPMENT (ICTD): DEVELOPING AND IMPLEMENTING AN AFRICAN-INFORMED APPROACH TO GLOBAL TECHNOLOGY DESIGN
<b>COLLEGE OF EDUCATION</b>					
176	\$26,750	VARIOUS SCHOOLS	Paine, Lynn	CED INTERNATIONAL STUDIES IN EDUCATION	WORLD LANGUAGE TEACHER CERTIFICATION RESIDENCY PROGRAM
177	\$500,000	FLINT COMMUNITY SCHOOLS	Beverly, Bryan	CED OUTREACH	FLINT FELLOWSHIP OF INSTRUCTIONAL LEADERS 2023-24
178	\$250,000	CHARLES STEWART MOTT FOUNDATION	Beverly, Bryan	CED OUTREACH	COMPREHENSIVE SYSTEM FOR RAPID DISTRICT INTERVENTION FOR FLINT COMMUNITY SCHOOLS-YEAR 9
179	\$75,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Carlson, John	COUNSELING, EDUC PSYCH SPEC EDUC	MOBILE CRISIS RESPONSE CAREGIVER EXPERIENCE SURVEY
180	\$725,078	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Carlson, John	COUNSELING, EDUC PSYCH SPEC EDUC	IMPROVING SERVICE DELIVERY FOR CHILDREN WITH SERIOUS EMOTIONAL DISTURBANCE
181	\$483,990	US DEPT OF EDUCATION	Fisher, Marisa	COUNSELING, EDUC PSYCH SPEC EDUC	PROJECT FUTURE: FOCUS ON THE UNDERSERVED IN TRANSITION USING REHABILITATION AND EDUCATION

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182	\$163,541	TEACHERS COLLEGE COLUMBIA UNIV	Frank, Kenneth	COUNSELING, EDUC PSYCH SPEC EDUC	UNDERSTANDING FIRST-GENERATION COLLEGE STUDENTS' CONNECTIONS TO SUPPORT ON AND OFF CAMPUS
183	\$196,865	US DEPT OF EDUCATION	Lee, Ka Lai	COUNSELING, EDUC PSYCH SPEC EDUC	MICHIGAN STATE UNIVERSITY MASTERS OF ARTS REHABILITATION COUNSELING PROGRAM
184	\$5,250	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
185	\$60,571	LANSING SCHOOL DISTRICT	Wahman, Charis	COUNSELING, EDUC PSYCH SPEC EDUC	LANSING SCHOOL DISTRICT APPLIED BEHAVIOR ANALYSIS PRACTICUM TRAINING PROGRAM CONTRACT
186	\$10,531	LANSING SCHOOL DISTRICT	Wahman, Charis	COUNSELING, EDUC PSYCH SPEC EDUC	LANSING SCHOOL DISTRICT APPLIED BEHAVIOR ANALYSIS PRACTICUM TRAINING PROGRAM CONTRACT
187	\$244,004	US DEPT OF EDUCATION	Witmer, Sara	COUNSELING, EDUC PSYCH SPEC EDUC	HYBRID INTERDISCIPLINARY TRAINING TO ADDRESS HIGH INTENSITY NEEDS OF STUDENTS WITH LEARNING DISABILITIES (PROJECT HI2LD)
188	\$199,996	NATIONAL SCIENCE FOUNDATION	Yadav, Aman	COUNSELING, EDUC PSYCH SPEC EDUC	RAPID: EMPOWERING FUTURE TEACHERS WITH GENERATIVE AI EDUCATION: UNDERSTANDING APPLICATIONS, RISKS, AND LIMITS
189	\$232,131	NATIONAL SCIENCE FOUNDATION	Krajcik, Joseph	CREATE FOR STEM	SUPPORTING INSTRUCTIONAL DECISION MAKING: THE POTENTIAL OF AUTOMATICALLY SCORED THREE-DIMENSIONAL ASSESSMENT SYSTEM
190	\$76,000	DETROIT PUBLIC SCHOOLS	Miller, Cory	CREATE FOR STEM	DETROIT PS PROFESSIONAL DEVELOPMENT - MODIFICATION 006
191	\$479,970	NATIONAL SCIENCE FOUNDATION	Yadav, Aman	CREATE FOR STEM	COLLABORATIVE RESEARCH: MODELING INCLUSIVE COMPUTATIONAL THINKING INSTRUCTION: VIDEO CASES FOR DEVELOPING TEACHER KNOWLEDGE
192	\$111,981	VARIOUS SCHOOLS	Beverly, Bryan	EDUCATION DEAN	K-12 SCHOOL IMPROVEMENT TRAINING
193	\$217,001	TULANE UNIV	Cowen, Joshua	EDUCATION POLICY CENTER	THE SCHOOL CHOICE POLICY RESEARCH CENTER: IMPROVING POLICY, IMPLEMENTATION, AND OUTCOMES FOR DISADVANTAGED STUDENTS
194	\$230,000	STATE OF MICHIGAN	Kilbride, Tara	EDUCATION POLICY CENTER	MICHIGAN PA 316 TEACHER WORKFORCE RESEARCH
195	\$102,448	UNIVERSITY OF COLORADO BOULDER	Austin, Ann	EDUCATIONAL ADMINISTRATION	ADVANCE AND BEYOND: UNDERSTANDING PROCESSES OF INSTITUTIONAL CHANGE TO PROMOTE STEM EQUITY AND EDUCATION
196	\$155,000	US DEPT OF STATE	Cantwell, Brendan	EDUCATIONAL ADMINISTRATION	WRITING CENTER IS THE SUPPORT KAZHAKSTAN'S CONTRIBUTIONS TO THE GLOBAL SCIENTIFIC COMMUNITY
197	\$910,979	INST OF EDUCATION SCIENCES	Kilbride, Tara	EDUCATIONAL ADMINISTRATION	EVALUATING MICHIGAN'S EARLY LITERACY LAW: IMPACTS, IMPLEMENTATION AND IMPROVING STATE CAPACITY
198	\$1,497,420	US AGENCY FOR INTL DEVELOPMENT	Wawrzynski, Matthew	EDUCATIONAL ADMINISTRATION	MSUCDC

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199	\$651,972	NATIONAL INST OF HEALTH	Currie, Katharine	KINESIOLOGY ED	CHRONO-EXERCISE IS MEDICINE: IMPROVING BLOOD PRESSURE AND VASCULAR FUNCTION THROUGH CHRONOTHERAPY
200	\$5,500	NASCAR EVENT MANAGEMENT	Ferguson, David	KINESIOLOGY ED	PHYSIOLOGICAL RESPONSES TO DRIVING A RACE CAR
201	\$75,415	NIKE INC	Harkey, Matthew	KINESIOLOGY ED	NIKE PRODUCTS AND SERVICES AGREEMENT, 2023-2024
202	\$7,872	IOWA STATE UNIV	Vazou, Spyridoula	KINESIOLOGY ED	BUILDING CAPACITY FOR STAFF AND STUDENT MENTAL HEALTH PROGRAMMING: A PARTNERSHIP BETWEEN SWITCH AND THE HEALTHIEST STATE INITIATIVE
203	\$15,936	UNIVERSITY OF DELAWARE	Bartell, Tonya	TEACHER EDUCATION	PREPARING ELEMENTARY MATHEMATICS TEACHERS FOR CULTURALLY RESPONSIVE TEACHING: CONNECTIONS TO STUDENT AND TEACHER OUTCOMES
204	\$45,571	NATIONAL SCIENCE FOUNDATION	Bieda, Kristen	TEACHER EDUCATION	SUPPLEMENT TO "COLLABORATIVE RESEARCH: ADVANCING EQUITY GOALS IN SECONDARY CLASSROOMS BY INCORPORATING MATHEMATICAL JUSTIFICATION IN TEACHING"
205	\$272,674	NATIONAL SCIENCE FOUNDATION	Dominguez, Higinio	TEACHER EDUCATION	COLLABORATIVE RESEARCH: DEVELOPING TEACHER LEARNING THEORY WITH TEACHERS AND STUDENTS ANIMATING MATHEMATICAL CONCEPTS
206	\$21,120	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
207	\$38,034	STAND FOR CHILDREN LEADERSHIP CENTER	Halvorsen, Anne-Lise	TEACHER EDUCATION	GREAT FIRST EIGHT
208	\$61,262	US DEPT OF EDUCATION	Li, Jiahang	TEACHER EDUCATION	TECHNOLOGY FACILITATED CHINESE LANGUAGE TEACHING (TFCLT)
<b>COLLEGE OF ENGINEERING</b>					
209	\$177,000	FLORIDA STATE UNIV	Bieler, Thomas	CHEMICAL ENGINEERING AND MATERIALS SCI	THE EFFECT OF PROCESS HISTORY ON GRAIN BOUNDARIES AND DISLOCATION SUBSTRUCTURES ON FUNCTIONAL PROPERTIES OF NB FOR SRF CAVITIES: PLASTIC FORMABILITY AND MICROSTRUCTURAL EVOLUTION
210	\$16,243	VARIOUS INDUSTRIES	Boehlert, Carl	CHEMICAL ENGINEERING AND MATERIALS SCI	FEE FOR SERVICE -- CARL BOEHLERT
211	\$384,589	NATIONAL SCIENCE FOUNDATION	Chan, Christina	CHEMICAL ENGINEERING AND MATERIALS SCI	SATURATED FATTY ACIDS INVOLVED IN DNA DAMAGE RESPONSE, MEDIATED BY IRE1A, TO PROMOTE CHEMOTOLERANCE
212	\$214,269	HELICOID INDUSTRIES	Drzal, Lawrence	CHEMICAL ENGINEERING AND MATERIALS SCI	MULTISCALE BIOINSPIRED ENHANCEMENT OF NATURAL-FIBER COMPOSITES FOR GREEN VEHICLES, PHASE 2
213	\$215,936	GENERAL MOTORS CORP	Fang, Chengcheng	CHEMICAL ENGINEERING AND MATERIALS SCI	HIGH VOLTAGE ELECTROLYTE FOR LITHIUM ION BATTERIES

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214	\$40,000	UNIVERSITY OF MARYLAND	Cetin, Bora	CIVIL AND ENVIRONMENTAL ENGINEERING	ENVIRONMENTAL AND LIFE CYCLE ANALYSIS OF HIGHWAY INFILTRATION BERMS CONSTRUCTED WITH DREDGED SEDIMENTS
215	\$14,112	VARIOUS INDUSTRIES	Cetin, Bora	CIVIL AND ENVIRONMENTAL ENGINEERING	FEE FOR SERVICE - BORA CETIN
216	\$120,500	MINNESOTA DEPT OF TRANSPORTATION	Cetin, Bora	CIVIL AND ENVIRONMENTAL ENGINEERING	COMPARISON OF COMPOST AND PROPRIETARY SOIL AMENDMENTS FOR VEGETATION ESTABLISHMENT
217	\$62,557	STATE OF IOWA DEPT OF TRANSPORTATION	Cetin, Bora	CIVIL AND ENVIRONMENTAL ENGINEERING	USE OF ORGANOSILANES TO MITIGATE THE IMPACT OF FREEZE-THAW DAMAGE TO THE GRANULAR ROADWAYS IN IOWA
218	\$350,000	PRAIRIE VIEW A&M UNIV	Cetin, Bora	CIVIL AND ENVIRONMENTAL ENGINEERING	NATIONAL CENTER FOR INFRASTRUCTURE TRANSFORMATION
219	\$16,627	BELIMO	Cetin, Kristen	CIVIL AND ENVIRONMENTAL ENGINEERING	EASE OF COMMISSIONING AND USABILITY TESTING OF HVAC COMPONENTS
220	\$444,562	NATIONAL SCIENCE FOUNDATION	Cetin, Kristen	CIVIL AND ENVIRONMENTAL ENGINEERING	COLLABORATIVE RESEARCH: FW-HTF-RL: FUTURE OF DIGITAL FACILITY MANAGEMENT (FUTURE OF DFM)
221	\$210,198	STRATEGIC ENVIRONMENTAL RESEARCH & DEVELOPMENT PROGRAM	Cupples, Alison	CIVIL AND ENVIRONMENTAL ENGINEERING	EVALUATING THE ENHANCEMENT AND METABOLISM OF 1,4-DIOXANE BIODEGRADATION AT LOW CONCENTRATIONS
222	\$206,332	MICHIGAN FITNESS FOUNDATION	Gates, Timothy	CIVIL AND ENVIRONMENTAL ENGINEERING	TECHNICAL SUPPORT FOR MICHIGAN SAFE ROUTES TO SCHOOL - FY2020
223	\$120,000	MICHIGAN OFFICE OF HIGHWAY SAFETY PLANNING	Gates, Timothy	CIVIL AND ENVIRONMENTAL ENGINEERING	SEAT BELT AND HAND-HELD DEVICE USE DIRECT OBSERVATION SURVEY- FY23-FY25
224	\$27,114	MICHIGAN DEPT OF TRANSPORTATION	Haider, Syed	CIVIL AND ENVIRONMENTAL ENGINEERING	TESTING PROTOCOL, DATA STORAGE, AND RE-CALIBRATION FOR PAVEMENT ME DESIGN
225	\$325,000	EATON CORP	Haq, Mahmoodul	CIVIL AND ENVIRONMENTAL ENGINEERING	HIGH STRENGTH FUNCTIONAL COMPOSITES - PHASE II

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226	\$150,000	INGHAM COUNTY ROAD DEPT	Lanotte, Michele	CIVIL AND ENVIRONMENTAL ENGINEERING	OPTIMIZATION OF TIRE-DERIVED AGGREGATES FOR LIGHTWEIGHT FILL OF ROAD UNBOUND LAYERS
227	\$353,968	MICHIGAN DEPT OF TRANSPORTATION	Savolainen, Peter	CIVIL AND ENVIRONMENTAL ENGINEERING	SOCIO ECONOMIC IMPACTS OF TECHNOLOGY BASED STAKEHOLDER ENGAGEMENT PLATFORMS AND THEIR EFFECTS
228	\$1,445,687	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Xagorarakis, Irene	CIVIL AND ENVIRONMENTAL ENGINEERING	WASTEWATER EVALUATION AND REPORTING NETWORK PROJECT - XAGORARAKI
229	\$150,000	LAWRENCE LIVERMORE NATIONAL LABORATORY	Murillo, Michael	COMPUTATIONAL MATH SCI AND ENGR EGR	HIGH DIMENSIONAL KINETIC SIMULATIONS ENABLED BY TENSOR-TRAIN BASED DISCRETIZATIONS
230	\$188,556	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
231	\$555,077	NATIONAL SCIENCE FOUNDATION	Yu, Hui-Chia	COMPUTATIONAL MATH SCI AND ENGR EGR	ELEMENTS: OPEN-SOURCE BATTERY ELECTRODE SIMULATION TOOLKIT USING MFEM (BESFEM)
232	\$445,000	NATIONAL SCIENCE FOUNDATION	Cao, Zhichao	COMPUTER SCIENCE AND ENGINEERING	COLLABORATIVE RESEARCH: NETS: MEDIUM: TOWARDS HIGH-PERFORMING LORA WITH EMBEDDED INTELLIGENCE ON THE EDGE
233	\$25,000	HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES	Ghassemi, Mohammad	COMPUTER SCIENCE AND ENGINEERING	IMPROVING DETECTION OF HEAD AND NECK CANCER RECURRENCE USING MULTI-MODALITY AI MODELS
234	\$70,000	JP MORGAN CHASE & CO	Ghassemi, Mohammad	COMPUTER SCIENCE AND ENGINEERING	THE EVOLUTION OF PRIVATE CAPITAL MODELED AS A GRAPH OF INVESTMENTS
235	\$61,899	US ARMY RESEARCH OFFICE	Liu, Sijia	COMPUTER SCIENCE AND ENGINEERING	LIFELONG MULTIMODAL FUSION BY CROSS LAYER DISTRIBUTED OPTIMIZATION
236	\$752,500	INTELLIGENCE ADVANCED RESEARCH PROJECTS ACTIVITY	Liu, Xiaoming	COMPUTER SCIENCE AND ENGINEERING	PHYSICS-DRIVEN MODELING AND LEARNING FOR PERSON RECOGNITION AT A DISTANCE AND ALTITUDE
237	\$138,065	NATIONAL SCIENCE FOUNDATION	Ross, Arun	COMPUTER SCIENCE AND ENGINEERING	SUPPLEMENT TO PHASE II IUCRC MICHIGAN STATE UNIVERSITY: CENTER FOR IDENTIFICATION TECHNOLOGY RESEARCH
238	\$31,876	INTELLIGENCE ADVANCED RESEARCH PROJECTS ACTIVITY	Ross, Arun	COMPUTER SCIENCE AND ENGINEERING	PRESENTATION ATTACK DETECTION: SOLUTIONS FOR FINGERPRINTS, FACE AND IRIS SYSTEMS
239	\$70,000	JP MORGAN CHASE & CO	Tang, Jiliang	COMPUTER SCIENCE AND ENGINEERING	FIGHTING FINANCIAL CRIME WITH GRAPH NEURAL NETWORKS FROM THE OPTIMIZATION PERSPECTIVE
240	\$20,000	SNAP INC	Tang, Jiliang	COMPUTER SCIENCE AND ENGINEERING	GRAPH REWRITER

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241	\$599,995	NATIONAL SCIENCE FOUNDATION	Tu, Guan-Hua	COMPUTER SCIENCE AND ENGINEERING	NETS: SMALL: EXPLORING THE NON-STANDARDIZED POLICES, OPERATIONS, AND REQUIREMENTS FOR 5G CELLULAR NETWORKS AND BEYOND: ADVANCING
242	\$193,587	NATIONAL SCIENCE FOUNDATION	Yan, Qiben	COMPUTER SCIENCE AND ENGINEERING	SATC: CORE: SMALL: ROBUST SPEAKER AND SPEECH RECOGNITION UNDER AI-DRIVEN PHYSICAL AND DIGITAL ATTACKS
243	\$300,000	NATIONAL SCIENCE FOUNDATION	Zeng, Huacheng	COMPUTER SCIENCE AND ENGINEERING	COLLABORATIVE RESEARCH: NETS: MEDIUM: AN INTEGRATED MULTI-TIME SCALE APPROACH TO HIGH-PERFORMANCE, INTELLIGENT, AND SECURE O-RAN BASED NEXTG
244	\$600,000	NATIONAL SCIENCE FOUNDATION	Biswas, Subir	ELECTRICAL AND COMPUTER ENGINEERING	SCH: A DATA-DRIVEN CLASSROOM INTERVENTION FRAMEWORK FOR CHILDREN WITH SOCIAL PEER ENGAGEMENT DEFICITS
245	\$48,853	UNIVERSITY OF PENNSYLVANIA	Bopardikar, Shaunak	ELECTRICAL AND COMPUTER ENGINEERING	ARCHES: AUTONOMOUS RESILIENT COGNITIVE HETEROGENEOUS SWARMS GRANT #W911NF-17-2-0181
246	\$20,000	AMER SOCIETY FOR NONDESTRUCTIVE TESTING	Chakrapani, Sunil Kishore	ELECTRICAL AND COMPUTER ENGINEERING	ASNT FELLOWSHIP AWARD
247	\$15,000	IOWA STATE UNIV	Chakrapani, Sunil Kishore	ELECTRICAL AND COMPUTER ENGINEERING	RESIDUAL STRESS MEASUREMENT USING NONLINEAR ACOUSTIC METHODS
248	\$30,000	AMCOR RIGID PLASTICS NORTH AMERICA	Fan, Qi	ELECTRICAL AND COMPUTER ENGINEERING	CARBON-BASED BARRIER COATINGS ENABLED BY HIGH-DENSITY COLD PLASMA
249	\$228,028	ARIZONA STATE UNIV	Grotjohn, Timothy	ELECTRICAL AND COMPUTER ENGINEERING	ULTRA MATERIALS FOR A RESILIENT, SMART ELECTRICITY GRID
250	\$482,900	DEFENSEWERX INC.	Hodek, Matthew	ELECTRICAL AND COMPUTER ENGINEERING	MILLIMETER-WAVE HARDWARE DEMONSTRATION FOR 6G COMMUNICATIONS
251	\$400,000	NATIONAL SCIENCE FOUNDATION	Kiumarsi, Bahare	ELECTRICAL AND COMPUTER ENGINEERING	DATA-EFFICIENT SAFE CONTROL WITH RECOVERY-TO-OPTIMALITY GUARANTEES
252	\$176,000	BORG WARNER CORP	Lee, Woongkul	ELECTRICAL AND COMPUTER ENGINEERING	TECHNOLOGY & DESIGN INNOVATIONS TO MAXIMIZE THE REDUCTION EFFECT ON DCFC UNIT COST ECONOMICS (MAX-REDUCE)
253	\$98,000	BORG WARNER CORP	Lee, Woongkul	ELECTRICAL AND COMPUTER ENGINEERING	ADVANCED EV PROPULSION SYSTEM DESIGN WITH WBG-BASED MULTILEVEL INVERTER TOPOLOGIES
254	\$10,000	UNIVERSITY OF MICHIGAN	Li, Tongtong	ELECTRICAL AND COMPUTER ENGINEERING	DETECTION AND PREDICTION OF MILD COGNITIVE IMPAIRMENT IN SENIORS WITH MEMORY COMPLAINTS
255	\$15,650	UNIVERSITY OF MICHIGAN	Li, Tongtong	ELECTRICAL AND COMPUTER ENGINEERING	DETECTION AND PREDICTION OF MILD COGNITIVE IMPAIRMENT IN SENIORS WITH MEMORY COMPLAINTS
256	\$546,026	NATIONAL INST OF HEALTH	Mason, Andrew	ELECTRICAL AND COMPUTER ENGINEERING	WEARABLE MICROSYSTEM FOR CONTINUOUS PERSONALIZED AEROSOL EXPOSURE ASSESSMENT

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257	\$300,000	DEFENSEWERX INC.	Nanzer, Jeffrey	ELECTRICAL AND COMPUTER ENGINEERING	DECENTRALIZED COORDINATION FOR DISTRIBUTED ADAPTIVITY IN WIRELESS NETWORKS
258	\$150,000	TOYOTA MOTOR CORP	Nicley, Shannon	ELECTRICAL AND COMPUTER ENGINEERING	RESEARCH FOR THE DEVELOPMENT OF ENHANCING THE SENSING CAPABILITY IN QUANTUM SENSING SYSTEMS WITH NV-CENTER MATERIALS
259	\$190,000	FRAUNHOFER USA	Nicley, Shannon	ELECTRICAL AND COMPUTER ENGINEERING	QUANTUM MEMORIES
260	\$50,000	NORTHROP GRUMMAN CORP	Papapolymerou, Ioannis	ELECTRICAL AND COMPUTER ENGINEERING	AM-ENABLED 3.5D PACKAGING AND HETEROGENEOUS INTEGRATION OF ELECTRONICS
261	\$74,286	UNIVERSITY OF KANSAS	Papapolymerou, Ioannis	ELECTRICAL AND COMPUTER ENGINEERING	MRI: DEVELOPMENT OF A RECONFIGURABLE RADAR FOR UAS APPLICATIONS
262	\$44,000	HONEYWELL CORP	Papapolymerou, Ioannis	ELECTRICAL AND COMPUTER ENGINEERING	MSU RADAR CONSORTIUM (FY23)
263	\$1,368,013	SAN JOSE STATE UNIV FOUNDATION	Radha, Hayder	ELECTRICAL AND COMPUTER ENGINEERING	CLIMATE CHANGE AND EXTREME EVENTS TRAINING AND RESEARCH PROGRAM
264	\$170,916	IOWA STATE UNIV	Tan, Xiaobo	ELECTRICAL AND COMPUTER ENGINEERING	SCC-IRG TRACK 1: CONNECTING FARMING COMMUNITIES FOR SUSTAINABLE CROP PRODUCTION AND ENVIRONMENT USING SMART AGRICULTURAL DRAINAGE SYSTEMS
265	\$500,000	UNIVERSITY OF NEW MEXICO	Verboncoeur, John	ELECTRICAL AND COMPUTER ENGINEERING	EXPLORATION OF FUNDAMENTAL LIMITS TO HIGH POWER ELECTROMAGNETIC (HPEM) AMPLIFICATION
266	\$125,107	UNIVERSITY OF MICHIGAN	Bush, Tamara	ENGINEERING DEAN	MICHIGAN LOUIS STOKES ALLIANCE FOR MINORITY PARTICIPATION PHASE IV
267	\$40,000	UNIVERSITY OF MICHIGAN	Aguirre, Aitor	INSTITUTE FOR QUANTITATIVE HEALTH	A HUMAN HEART ORGANOID MODEL TO STUDY MATERNAL DIABETES-INDUCED CARDIAC EMBRYOPATHIES
268	\$6,000	HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES	Alessio, Adam	INSTITUTE FOR QUANTITATIVE HEALTH	LEVERAGING PATIENT REPORTED OUTCOMES IN MULTIMODAL RISK PREDICTION FOR HEALTH UTILIZATION AMONG HEAD AND NECK AND LUNG CANCER PATIENTS
269	\$12,500	HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES	Bhattacharya, Sudin	INSTITUTE FOR QUANTITATIVE HEALTH	INVESTIGATE IMPACTS OF CHEMICAL AGENTS ON PANCREATIC CANCER INITIATION USING OMICS APPROACHES
270	\$12,500	HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES	Kim, Taeho	INSTITUTE FOR QUANTITATIVE HEALTH	BIOMIMETIC PRUSSIAN BLUE NANOHYBRIDS FOR GLIOBLASTOMA TREATMENT
271	\$1,999,999	NATIONAL SCIENCE FOUNDATION	Li, Jinxing	INSTITUTE FOR QUANTITATIVE HEALTH	EFRI ELIS: BIOSYNTHETIC ADDITIVE MANUFACTURING OF LIVING BUILDING MATERIALS

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272	\$47,077	NATIONAL SCIENCE FOUNDATION	Li, Wen	INSTITUTE FOR QUANTITATIVE HEALTH	SITS: WIRELESS, SUSTAINABLE, AND AUTOMATED SENSORY SYSTEM FOR IN-SITU MONITORING OF SOIL HEAVY METALS
273	\$399,730	NATIONAL SCIENCE FOUNDATION	Saha, Debajit	INSTITUTE FOR QUANTITATIVE HEALTH	COLLABORATIVE RESEARCH: NEURAL COMPUTATIONAL RULES OF ROBUST AND GENERALIZABLE LEARNING
274	\$250,000	JUVENILE DIABETES FOUNDATION INTL	Smith, Bryan	INSTITUTE FOR QUANTITATIVE HEALTH	MULTICOLOR CELLULAR IMMUNOIMAGING OF RESPONSE TO TRANSPLANTED ISLET CELLS
275	\$200,000	NATIONAL SCIENCE FOUNDATION	Anthony, Rebecca	MECHANICAL ENGINEERING	EAGER: LOW-TEMPERATURE PLASMAS FOR SYNTHESIS OF DIAMOND NANOPARTICLES
276	\$378,414	NATIONAL INST OF FOOD & AGRICULTURE	Benard, Andre	MECHANICAL ENGINEERING	INFEWS/T3: ADVANCED ENERGY EFFICIENT GREENHOUSE SYSTEMS USING SPECTRAL SPLITTING AND SOLAR WATER PURIFICATION
277	\$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
278	\$963,461	NATIONAL SCIENCE FOUNDATION	Fan, Bei	MECHANICAL ENGINEERING	MRI: TRACK 1 ACQUISITION OF A DEEP REACTIVE ION ETCHING SYSTEM FOR ENHANCED SEMICONDUCTOR PROCESSING CAPABILITY
279	\$450,000	NATIONAL SCIENCE FOUNDATION	Gao, Tong	MECHANICAL ENGINEERING	MANEUVERING BIOINSPIRED SOFT MICROROBOTS IN ANISOTROPIC COMPLEX FLUIDS
280	\$202,000	NATIONAL SCIENCE FOUNDATION	Li, Zhaojian	MECHANICAL ENGINEERING	COLLABORATIVE RESEARCH: SPADEPC: SCALABLE AND PRIVACY-AWARE DATA-ENABLED PREDICTIVE CONTROL FOR HETEROGENEOUS MIXED TRAFFIC SYSTEMS
281	\$335,789	NATIONAL SCIENCE FOUNDATION	Lin, Shaoting	MECHANICAL ENGINEERING	COLLABORATIVE RESEARCH: CHEMO-PHYSICS AND MOLECULAR DESIGN OF IN-SITU HYDROGEL-MXENE BIOSENSORS
282	\$241,706	METIS FOUNDATION	Mejia, Ricardo	MECHANICAL ENGINEERING	AN OVINE TRANSLATIONAL MODEL OF BLAST-RELATED AUDITORY INJURY
283	\$70,000	THE GENEVA FOUNDATION	Mejia, Ricardo	MECHANICAL ENGINEERING	LINKING BRAIN DEFORMATION TO ENVIRONMENTAL SENSOR DATA VIA VALIDATING A GYRATED HUMAN HEAD PHANTOM UNDER IMPULSIVE LOADING
284	\$1,999,188	NATIONAL SCIENCE FOUNDATION	Mukherjee, Ranjan	MECHANICAL ENGINEERING	FW-HTF-RL: IMPROVING DISABILITY INCLUSION IN THE WORKFORCE THROUGH ASSESSMENT AND AUGMENTATION OF INDIVIDUAL ABILITIES AND WORKFLOW REDESIGN IN REAL-WORLD CONTEXTS
285	\$75,000	OFFICE OF NAVAL RESEARCH	Mukherjee, Ranjan	MECHANICAL ENGINEERING	OPTIMIZATION OF A BERNOULLI PAD FOR IMPROVING THE EFFICACY OF SHEAR-BASED GROOMING OF MARINE BIOFOULING
286	\$66,601	US DEPT OF THE ARMY	Toulson, Elisa	MECHANICAL ENGINEERING	JET FUEL TURBULENT JET IGNITION SYSTEM FOR COMPRESSION IGNITION ENGINES
287	\$45,000	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Wichman, Indrek	MECHANICAL ENGINEERING	DEVELOPING THE NARROW CHANNEL APPARATUS AS A NASA STANDARD MATERIAL FLAMMABILITY TEST

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	<b>COLLEGE OF HUMAN MEDICINE</b>				
288	\$10,603	WENNER GREN FOUNDATION	Cascio, Ariel	CENTER FOR BIOETHICS AND SOCIAL JUSTICE	MEANINGS OF AUTISM AND WORK: AUTISTIC AND NON-AUTISTIC PEOPLE NAVIGATING SHARED SPACES AND CONFLICTING CONCEPTUALIZATIONS
289	\$500,000	MICHIGAN HEALTH ENDOWMENT FUND	Custack, Amy	CS MOTT DEPARTMENT OF PUBLIC HEALTH	IMPROVING ENGAGEMENT IN PRODUCE PRESCRIPTION PROGRAMS
290	\$1,000,000	JAMIE & DENISE JACOB FAMILY FOUNDATION	Hanna-Attisha, Mona	CS MOTT DEPARTMENT OF PUBLIC HEALTH	RX KIDS: PRENATAL AND INFANT ALLOWANCES IN FLINT, MI
291	\$1,200,000	RUTH MOTT FOUNDATION	Hanna-Attisha, Mona	CS MOTT DEPARTMENT OF PUBLIC HEALTH	RX KIDS: A PRENATAL AND INFANT ALLOWANCE IN FLINT, MI
292	\$24,281	HENRY FORD HEALTH SYSTEM	Johnson, Jennifer	CS MOTT DEPARTMENT OF PUBLIC HEALTH	IMPROVING DECISION MAKING TO PREVENT SUBSTANCE MISUSE AMONG ADOLESCENTS FROM TRADITIONALLY UNDERSERVED COMMUNITIES
293	\$1,228,026	NATIONAL INST OF MENTAL HEALTH	Johnson, Jennifer	CS MOTT DEPARTMENT OF PUBLIC HEALTH	THE ROSE SCALE-UP STUDY: INFORMING A DECISION ABOUT ROSE AS UNIVERSAL POSTPARTUM DEPRESSION PREVENTION
294	\$2,985,597	NATIONAL INST OF MENTAL HEALTH	Johnson, Jennifer	CS MOTT DEPARTMENT OF PUBLIC HEALTH	THE NATIONAL CENTER FOR HEALTH AND JUSTICE INTEGRATION FOR SUICIDE PREVENTION
295	\$50,000	BLUE CROSS BLUE SHIELD OF MICHIGAN FOUNDATION	Lucas, Todd	CS MOTT DEPARTMENT OF PUBLIC HEALTH	COMMUNITY OUTREACH AND CULTURALLY TARGETED COMMUNICATION TO ENHANCE AWARENESS AND EARLY PREVENTION OF COLORECTAL CANCER IN YOUNGER ADULTS.
296	\$20,000	HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES	Lucas, Todd	CS MOTT DEPARTMENT OF PUBLIC HEALTH	COMMUNITY OUTREACH AND CULTURALLY TARGETED COMMUNICATION TO ENHANCE AWARENESS AND EARLY PREVENTION OF COLORECTAL CANCER IN YOUNGER ADULTS
297	\$496,906	NATIONAL INST OF ALCOHOL ABUSE & ALCOHOLISM	Ondersma, Steven	CS MOTT DEPARTMENT OF PUBLIC HEALTH	SCALING UP: A MULTI-SITE TRIAL OF E-SBI FOR ALCOHOL USE IN PREGNANCY
298	\$52,934	UMASS CHAN MEDICAL SCHOOL	Ondersma, Steven	CS MOTT DEPARTMENT OF PUBLIC HEALTH	A TEXT MESSAGING INTERVENTION (TMI) TO REDUCE PERINATAL DEPRESSION RISK
299	\$100,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Ondersma, Steven	CS MOTT DEPARTMENT OF PUBLIC HEALTH	MICHIGAN STATE OPIOID RESPONSE 2 PROJECT "HT2 TECHNOLOGY PROPOSAL (HT2 MI) SAMHSA STATE OPIOID RESPONSE
300	\$93,000	UNIVERSITY OF MICHIGAN	Sadler, Richard	CS MOTT DEPARTMENT OF PUBLIC HEALTH	PREVENTION RESEARCH CENTER OF MICHIGAN
301	\$1,000,000	CENTERS FOR DISEASE CONTROL & PREVENTION	Uphold, Heatherlun	CS MOTT DEPARTMENT OF PUBLIC HEALTH	THE NATIONAL NETWORK TO INNOVATE FOR COVID-19 AND ADULT VACCINE EQUITY (NNICE)
302	\$73,064	UNIVERSITY OF MICHIGAN	Bohnert, Kipling	EPIDEMIOLOGY AND BIOSTATISTICS	ASSOCIATION BETWEEN STATE-LEVEL PRESCRIPTION OPIOID LIMITATION LAWS & SUICIDE OUTCOMES

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303	\$36,393	UNIVERSITY OF MICHIGAN	Bohnert, Kipling	EPIDEMIOLOGY AND BIOSTATISTICS	FACILITATING USE OF THE NATIONAL SUICIDE PREVENTION LIFELINE IN ALCOHOL PATIENTS
304	\$24,187	UNIVERSITY OF MICHIGAN	Hirko, Kelly	EPIDEMIOLOGY AND BIOSTATISTICS	MYGI DIET FOR COLORECTAL CANCER PREVENTION
305	\$25,000	UNIVERSITY OF MICHIGAN	Kerver, Jean	EPIDEMIOLOGY AND BIOSTATISTICS	ECHO INITIATIVE YEAR 5
306	\$3,378,982	NATIONAL INST OF HEALTH	Kerver, Jean	EPIDEMIOLOGY AND BIOSTATISTICS	PRENATAL EXPOSURES AND CHILD HEALTH OUTCOMES 2: INCREASING ECHO URBAN AND RURAL DIVERSITY
307	\$150,786	NATIONAL INST OF HEALTH	Li, Chenxi	EPIDEMIOLOGY AND BIOSTATISTICS	EFFICIENT METHODS FOR GENOME-WIDE SURVIVAL ANALYSIS OF EARLY CHILDHOOD CARIES
308	\$796,636	NATIONAL INST OF HEALTH	Lockhart, Elizabeth	EPIDEMIOLOGY AND BIOSTATISTICS	A MULTILEVEL, MULTIPHASE OPTIMIZATION STRATEGY FOR PREP: PATIENTS AND PROVIDERS IN PRIMARY CARE
309	\$62,486	UNIVERSITY OF COLORADO	Luo, Zhehui	EPIDEMIOLOGY AND BIOSTATISTICS	IMPLEMENTING OBESITY TREATMENT IN PRIMARY CARE UTILIZING EVIDENCE-BASED STRUCTURES
310	\$564,604	NATIONAL INST OF HEALTH	Margerison, Claire	EPIDEMIOLOGY AND BIOSTATISTICS	PREGNANCY-ASSOCIATED MORTALITY AND MORBIDITY DUE TO DRUGS, SELF-HARM, AND VIOLENCE IN THE UNITED STATES
311	\$605,601	NATIONAL INST OF HEALTH	Upson, Kristen	EPIDEMIOLOGY AND BIOSTATISTICS	CONTRACEPTIVE DMPA-INDUCED BONE LOSS: A NOVEL SOURCE OF TOXIC METAL LEAD EXPOSURE IN YOUNG WOMEN
312	\$77,415	UNIVERSITY OF TEXAS AT AUSTIN	Vazquez, Ana	EPIDEMIOLOGY AND BIOSTATISTICS	USING METABOLOMICS TO DEFINE THE BEHAVIORAL PHENOMICS OF ENERGY BALANCE AND EXERCISE RESPONSE
313	\$542,283	NATIONAL INST OF HEALTH	Alshaarawy, Omayma	FAMILY MEDICINE, DEPARTMENT OF	CANNABIS USE AND CARDIOVASCULAR HEALTH OUTCOMES AMONG PATIENTS WITH HIGH BLOOD PRESSURE
314	\$2,037,497	US DEPT OF THE ARMY	Cunningham, Natoshia	FAMILY MEDICINE, DEPARTMENT OF	TRANSFORMING BEHAVIORAL HEALTHCARE TO IMPROVE THE QUALITY OF LIFE FOR INDIVIDUALS WITH CHILDHOOD-ONSET LUPUS
315	\$14,025	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Oostema, John	HUMAN MEDICINE DEAN	MICHIGAN'S ONGOING STROKE REGISTRY TO ACCELERATE IMPROVEMENT OF CARE - OOSTEMA CONSULTANT
316	\$19,969	LAGUNA BIO	Hardy, Jonathan	INSTITUTE FOR QUANTITATIVE HEALTH	CHARACTERIZATION OF LISTERIA VACCINES FOR LAGUNA BIOTECH
317	\$99,660	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	Knickmeyer, Rebecca	INSTITUTE FOR QUANTITATIVE HEALTH	THE DEVELOPMENT OF GUT MICROBIOTA AND BEHAVIORAL INHIBITION IN CHILDHOOD: THE ROLE OF EARLY STRESS AND BRAIN DEVELOPMENT
318	\$430,375	NATIONAL INST OF HEALTH	Knickmeyer, Rebecca	INSTITUTE FOR QUANTITATIVE HEALTH	DOES MICROBIOME COMPOSITION MODERATE GI AND CNS FUNCTION IN A VPA-INDUCED MOUSE MODEL OF AUTISM?
319	\$103,731	UNIVERSITY OF CAPE TOWN	Knickmeyer, Rebecca	INSTITUTE FOR QUANTITATIVE HEALTH	EARLY BRAIN DEVELOPMENT IN CHILDREN BORN TO DEPRESSED MOTHERS IN HIGH AND LOW-INCOME SETTINGS

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320	\$511,589	NATIONAL INST OF HEALTH	Park, Sangbum	INSTITUTE FOR QUANTITATIVE HEALTH	UNDERSTANDING IMMUNE-EPITHELIAL INTERACTIONS DURING WOUND REPAIR IN LIVE MAMMALS
321	\$158,010	NATIONAL INST OF HEALTH	Schmidt, Jens	INSTITUTE FOR QUANTITATIVE HEALTH	DEFINING THE ROLE OF TCAB1 AND ITS PHASE SEPARATION IN TELOMERASE ASSEMBLY.
322	\$40,000	MICHIGAN DEPT OF LICENSING & REGULATORY AFFAIRS	Harduar Morano, Laurel	MEDICINE	PROVIDING TECHNICAL ASSISTANCE TO PREVENT AGRICULTURE-RELATED TRAUMATIC FATAL INJURIES
323	\$100,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Harduar Morano, Laurel	MEDICINE	ENHANCEMENT OF OCCUPATIONAL/ENVIRONMENTAL MEDICINE (PARTIAL FACULTY POSITION) (MDHHS TITLE: OCCUPATIONAL HEALTH SURVEILLANCE (AT))
324	\$200,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Rosenman, Kenneth	MEDICINE	ADULT BLOOD LEAD EPIDEMIOLOGY AND SURVEILLANCE PROJECT
325	\$10,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Rosenman, Kenneth	MEDICINE	ENHANCEMENT OF OCCUPATIONAL/ENVIRONMENTAL MEDICINE
326	\$17,128	UNIVERSITY OF MICHIGAN	Rosenman, Kenneth	MEDICINE	SUPERFUND RESEARCH PROGRAM OCCUPATIONAL HEALTH AND SAFETY EDUCATION PROGRAMS ON EMERGING TECHNOLOGIES
327	\$75,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Wang, Ling	MEDICINE	BIOSTATISTICAL SUPPORT
328	\$25,000	AMER MEDICAL ASSOC	Wang, Ling	MEDICINE	NATURAL LANGUAGE PROCESSING METHODS TO IDENTIFY KEY TERMS IN HISTORY GATHERING AND PHYSICAL EXAMINATION BASED ON PATIENTS NOTES WRITTEN BY MEDICAL STUDENTS
329	\$18,393,034	NATIONAL INST OF HEALTH	Johnson, Christine	OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO	ALL OF US RESEARCH PROGRAM TRANS-AMERICA CONSORTIUM OF THE HCSRN
330	\$164,619	NATIONAL INST OF HEALTH	MacKeigan, Jeffrey	OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO	ULK1 INHIBITOR IN COMBINATION WITH IMMUNE CHECKPOINT BLOCKADE IN PANCREATIC CANCER
331	\$199,391	NATIONAL INST OF HEALTH	Meghea, Cristian	OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO	A SMARTPHONE INTERVENTION FOR PREGNANCY SMOKING CESSATION WITH PEER SUPPORT
332	\$42,576	UNIVERSITY OF MICHIGAN	Missmer, Stacey	OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO	NOVEL BIOMARKERS AND PATHWAYS OF PERSISTENT ENDOMETRIOSIS-ASSOCIATED PAIN ACROSS THE LIFE COURSE

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333	\$1,087,575	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Poland, Cara	OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO	MI-CARES (SOR3)
334	\$200,000	MICHIGAN PUBLIC HEALTH INST	Poland, Cara	OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO	PROVIDING TECHNICAL ASSISTANCE TO MICHIGAN COMMUNITIES FOR THE STATE'S OPIOID SETTLEMENT FUNDS
335	\$24,128	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Poland, Cara	OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO	PILOT FOR TREATMENT OF POST-PARTUM WOMEN (FY22-23)
336	\$50,000	SPECTRUM HEALTH SYSTEM	Roman, Leeanne	OBSTETRICS GYNECOLOGY REPRODUCTIVE BIO	STRONG BEGINNINGS
337	\$389,237	SUPERIOR HEALTH FOUNDATION	Alavi, Zakia	PEDIATRICS AND HUMAN DEVELOPMENT	UP TEACH UPPER PENINSULA TRAINING & ENHANCING ACCESS COLLABORATIVE HEALTHCARE
338	\$34,119	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Alavi, Zakia	PEDIATRICS AND HUMAN DEVELOPMENT	MICHIGAN CHILD COLLABORATIVE CARE (MC3-CONNECT)—PSYCHIATRY RESPONSE
339	\$346,747	NATIONAL INST OF HEALTH	Chen, Bin	PEDIATRICS AND HUMAN DEVELOPMENT	REPURPOSE OPEN DATA TO DISCOVER THERAPEUTICS FOR UNDERSTUDIED DISEASES
340	\$103,178	NATIONAL INST OF HEALTH	Chen, Bin	PEDIATRICS AND HUMAN DEVELOPMENT	EQUIPMENT PURCHASES FOR R01GM145700
341	\$15,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	English, Boyce	PEDIATRICS AND HUMAN DEVELOPMENT	PEDIATRIC GENETICS – FEE FOR SERVICE
342	\$7,000	NOVO NORDISK	Jobe, Shawn	PEDIATRICS AND HUMAN DEVELOPMENT	NN7769-4728: OPEN-LABEL SAFETY STUDY IN ADULTS AND ADOLESCENTS WITH HAEMOPHILIA A WITH AND WITHOUT FVIII INHIBITORS SWITCHING DIRECTLY FROM EMICIZUMAB PROPHYLAXIS TO NNC0365-3769 (MIM8) PROPHYLAXIS
343	\$75,000	VERSITI BLOOD RESEARCH INSTITUTE FOUNDATION INC	Jobe, Shawn	PEDIATRICS AND HUMAN DEVELOPMENT	VERSITI BLOOD RESEARCH INSTITUTE FOUNDATION
344	\$20,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Jobe, Shawn	PEDIATRICS AND HUMAN DEVELOPMENT	SICKLE CELL CLINIC EXPANSION AND ENHANCEMENT PROGRAM
345	\$15,000	AMER THROMBOSIS & HEMOSTASIS NETWORK	Jobe, Shawn	PEDIATRICS AND HUMAN DEVELOPMENT	ATHN DATA QUALITY COUNTS 15

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346	\$86,598	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Karna, Padmani	PEDIATRICS AND HUMAN DEVELOPMENT	VERMONT OXFORD NETWORK MI QUALITY INITIATIVE
347	\$7,000	APCINTEX LTD	Kulkarni, Roshni	PEDIATRICS AND HUMAN DEVELOPMENT	AP-0105: A GLOBAL, NON-INTERVENTIONAL STUDY TO PROSPECTIVELY EVALUATE BLEEDING EPISODES AND TREATMENT USE IN PATIENTS WITH HEMOPHILIA
348	\$50,000	COREWELL HEALTH	Li, Xiaopeng	PEDIATRICS AND HUMAN DEVELOPMENT	CYSTIC FIBROSIS FERRET WITH CFTR G551D MUTATIONS AS A NOVEL MODEL FOR CHRONIC PSEUDOMONAS AERUGINOSA AIRWAY INFECTION”
349	\$79,357	HENRY FORD HEALTH SYSTEM	Omar, Said	PEDIATRICS AND HUMAN DEVELOPMENT	HFHS INTERNAL GRANT PROGRAM THE FIRST YEAR OF LIFE: EVALUATION OF FAMILY FINANCIAL HARDSHIP AND SOCIOECONOMIC DISPARITIES IN MEDICALLY COMPLEX INFANTS
350	\$26,870	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Sigal, Yakov	PEDIATRICS AND HUMAN DEVELOPMENT	PEDIATRIC EPILEPSY ACCESS PROJECT -2024
351	\$40,000	CARDIO-FACIO-CUTANEOUS INTERNATIONAL	Vogt, Daniel	PEDIATRICS AND HUMAN DEVELOPMENT	ASSESSING BRAF GENETIC VARIANTS FOR DISTINCT NEUROLOGICAL SYMPTOMS
352	\$16,666	HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES	Horibata, Sachi	PHARMACOLOGY TOXICOLOGY HUMAN MEDICINE	EXAMINING THE METABOLIC LINK BETWEEN OBESITY AND CHEMORESISTANCE IN OVARIAN CANCER
353	\$157,000	NATIONAL INST OF HEALTH	Gui, Hongsheng	PSYCHIATRY HUMAN MEDICINE	ASSEMBLY AND RE-ALIGNMENT OF HLA GENOMIC REGION AND ITS IMPLICATION FOR FINE-MAPPING SUICIDALITY IN AFRICAN DESCENT POPULATION
354	\$20,000	EMORY UNIV	Mahmoudi, Morteza	RADIOLOGY HUMAN MEDICINE	LEVERAGING 3D BIOPRINTED ORGANOID CONSTRUCTS TO PATTERN AND MODEL HUMAN BRAIN DEVELOPMENT
355	\$417,000	NATIONAL INST OF HEALTH	Shapiro, Erik	RADIOLOGY HUMAN MEDICINE	EVALUATION OF TANTALUM OXIDE NANOPARTICLES FOR IN VIVO X-RAY COMPUTED TOMOGRAPHY EVALUATION OF IMPLANTABLE BIOMATERIALS
356	\$207,617	UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER	Zhu, David	RADIOLOGY HUMAN MEDICINE	IMPACT OF INTENSIVE TREATMENT OF SYSTOLIC BLOOD PRESSURE ON BRAIN PERFUSION, AMYLOID AND TAU IN OLDER ADULTS (IPAT-STUDY)
357	\$130,315	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Brooks, Kevin	THE INSTITUTE FOR HEALTH POLICY	FY24 INTEGRATED CARE ASSESSMENT
358	\$206,741	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Brooks, Kevin	THE INSTITUTE FOR HEALTH POLICY	FY24 TRANSLATING EVIDENCE INTO DEMONSTRATIONS

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359	\$121,280	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Brooks, Kevin	THE INSTITUTE FOR HEALTH POLICY	FY24 OPIOID ANALYTICS
360	\$20,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Oberst, Kathleen	THE INSTITUTE FOR HEALTH POLICY	FY24 LOCAL HEALTH DEPT REGIONAL EDUCATION SEMINARS
361	\$54,936	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Oberst, Kathleen	THE INSTITUTE FOR HEALTH POLICY	FY24 COMPREHENSIVE QUALITY STRATEGY
362	\$515,215	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Oberst, Kathleen	THE INSTITUTE FOR HEALTH POLICY	FY24 FLINT WATER EVALUATION
363	\$277,927	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Oberst, Kathleen	THE INSTITUTE FOR HEALTH POLICY	FY24 QUALITY IMPROVEMENT WORK PLAN
364	\$199,451	ALZHEIMERS ASSOC	Benskey, Matthew	TRANSLATIONAL NEUROSCIENCE	MECHANISMS OF COMPLEMENT MEDIATED SYNAPTIC REMOVAL FOLLOWING TAUOPATHY
365	\$158,270	UNIVERSITY OF GEORGIA	Counts, Scott	TRANSLATIONAL NEUROSCIENCE	NOVEL REENGINEERED MICROBIOME-BASED BIOLOGIC THERAPY TO TREAT COGNITIVE AND BEHAVIORAL SYMPTOMS OF ALZHEIMER'S DISEASE AND RELATED DEMENTIAS
366	\$354,973	UNIVERSITY OF ILLINOIS CHICAGO	Kanaan, Nicholas	TRANSLATIONAL NEUROSCIENCE	TAU CONFORMATION IN TAUOPATHIES AND NEURONAL FUNCTION
367	\$11,322	UNIVERSITY OF MICHIGAN	Kanaan, Nicholas	TRANSLATIONAL NEUROSCIENCE	MICHIGAN ALZHEIMER'S DISEASE RESEARCH CENTER
368	\$357,022	UNIVERSITY OF MICHIGAN	Kanaan, Nicholas	TRANSLATIONAL NEUROSCIENCE	MICHIGAN ALZHEIMER'S DISEASE RESEARCH CENTER
369	\$198,043	ALZHEIMERS ASSOC	Morgan, David	TRANSLATIONAL NEUROSCIENCE	5HT2C TREATMENT OF PSYCHOLOGICAL SYMPTOMS OF DEMENTIA
370	\$31,417	METHODIST RESEARCH INSTITUTE INC	Morgan, David	TRANSLATIONAL NEUROSCIENCE	CLINICAL TRIAL READINESS FOR SCA1 AND SCA3
371	\$509,806	TAKEDA PHARMACEUTICAL CO LTD	Sortwell, Caryl	TRANSLATIONAL NEUROSCIENCE	SYNUCLEINOPATHY TRIGGERED NLRP3 INFLAMMASOME
372	\$14,899	UNIVERSITY OF MICHIGAN	Vega, Irving	TRANSLATIONAL NEUROSCIENCE	TRAINING IN CLINICAL AND BASIC NEUROSCIENCE
<b>COLLEGE OF MUSIC</b>					

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373	\$50,000	COMMUNITY FOUNDATION FOR SOUTHEAST MICHIGAN	Johnson, Kristopher	COMMUNITY MUSIC SCHOOL	CONTINUING EDUCATION FOR ADULTS THROUGH MUSIC PRODUCTION
<b>COLLEGE OF NATURAL SCIENCE</b>					
374	\$383,339	NATIONAL INST OF HEALTH	Kim, Hyojin (Kelly)	BIOCHEMISTRY MOLECULAR BIOLOGY CNS	MECHANISTIC UNDERSTANDING OF POST-TRANSLATIONAL MEMBRANE PROTEIN TARGETING
375	\$317,277	NATIONAL INST OF HEALTH	Lohman, Jeremy	BIOCHEMISTRY MOLECULAR BIOLOGY CNS	MALONYL-THIOESTER ISOSTERES TO DETERMINE ENZYME STRUCTURE-FUNCTION RELATIONSHIPS
376	\$249,000	NATIONAL INST OF GENERAL MEDICAL SCIENCES	Andorfer, Mary	CHEMISTRY	INVESTIGATION AND APPLICATION OF HYDROCARBON-DEGRADING ENZYMES USING CRYO-ELECTRON MICROSCOPY AND DIRECTED EVOLUTION
377	\$265,000	US DEPT OF ENERGY	Beck, Warren	CHEMISTRY	LIGHT HARVESTING IN SEMICONDUCTOR QUANTUM DOTS
378	\$575,000	NATIONAL SCIENCE FOUNDATION	Borhan, Babak	CHEMISTRY	POINT-TO-AXIAL CHIRALITY TRANSFER: ENABLING STEREOCHEMICAL DETERMINATIONS AND ENANTIOSELECTIVE REACTIONS
379	\$36,000	TELEDYNE FLIR	Dantus, Marcos	CHEMISTRY	FLIR COHERENT RAMAN SYSTEM FOR NON-CONTACT CHEMICAL DETECTION
380	\$150,000	DEFENSE THREAT REDUCTION AGENCY	Harel, Elad	CHEMISTRY	UNLABELED SINGLE VIRUS DETECTION AND IDENTIFICATION BY QUANTUM PHONON SPECTROSCOPY AND IMAGING
381	\$500,000	DEFENSE THREAT REDUCTION AGENCY	Harel, Elad	CHEMISTRY	REAL-TIME DETECTION OF CONTAMINANTS IN BIOPHARMACEUTICALS BY AI-ENABLED QUANTUM COHERENCE SPECTROSCOPY
382	\$85,050	OFFICE OF NAVAL RESEARCH	Harel, Elad	CHEMISTRY	ULTRASENSITIVE AND RAPID MULTI-DIMENSIONAL SPECTRAL SENSING AT STANDOFF DISTANCES BY NON-UNIFORM SAMPLING AND STATISTICAL RECONSTRUCTION
383	\$100,321	GLYCAN THERAPEUTICS	Huang, Xuefei	CHEMISTRY	SYNTHESIS OF THE LIBRARY OF HEPARAN SULFATE HEXASACCHARIDE MIMETICS
384	\$140,000	PRINCETON UNIV	McCusker, James	CHEMISTRY	BIOINSPIRED LIGHT-ESCALATED CHEMISTRY (BIOLEC)
385	\$293,845	IASO THERAPEUTICS INC	Odom, Aaron	CHEMISTRY	Q-BETA NANOPARTICLES AS CARRIER PROTEINS FOR GRAM-NEGATIVE OAG HAPTENS
386	\$376,597	NATIONAL SCIENCE FOUNDATION	Odom, Aaron	CHEMISTRY	DISCOVERING DESIGN CRITERIA IN EARLY TRANSITION METAL CATALYSIS
387	\$40,000	SOCIETY FOR ANALYTICAL CHEMISTS OF PITTSBURGH	Qiu, Tian (Autumn)	CHEMISTRY	SPATIAL MOLECULAR TOXICOLOGY OF PER- AND POLYFLUORINATED SUBSTANCES (PFAS) USING MASS SPECTROMETRY IMAGING

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388	\$73,780	NATIONAL SCIENCE FOUNDATION	Wang, Tuo	CHEMISTRY	CAREER: FUNCTIONAL STRUCTURE AND DYNAMICS OF COMPLEX CARBOHYDRATES VIA SENSITIVITY-ENHANCED SOLID-STATE NMR AND DATABASE DEVELOPMENT
389	\$435,795	NATIONAL SCIENCE FOUNDATION	Christlieb, Andrew	COMPUTATIONAL MATH SCI AND ENGR CNS	COLLABORATIVE RESEARCH: HDR DSC: INCREASING ACCESSIBILITY THROUGH BUILDING ALTERNATIVE DATA SCIENCE PATHWAYS
390	\$220,000	US DEPT OF ENERGY	Lin, Huey-Wen	COMPUTATIONAL MATH SCI AND ENGR CNS	HIGH ENERGY PHYSICS COMPUTING TRAINEESHIP FOR LATTICE GAUGE THEORY
391	\$18,675	NATIONAL SCIENCE FOUNDATION	Perea, Jose	COMPUTATIONAL MATH SCI AND ENGR CNS	CAREER: MACHINE LEARNING, MAPPING SPACES, AND OBSTRUCTION THEORETIC METHODS IN TOPOLOGICAL DATA ANALYSIS
392	\$16,400	UNIVERSITY OF MICHIGAN	Xie, Yuying	COMPUTATIONAL MATH SCI AND ENGR CNS	RESTORING THE IMMUNOGENICITY OF HEAD AND NECK CANCER
393	\$1,952,324	USDA-NATURAL RESOURCES CONSERVATION SERVICE	Basso, Bruno	EARTH AND ENVIRONMENTAL SCIENCES	SOIL CARBON IDEA: INCLUSION, DIVERSITY, EQUITY AND ACCESS IN HIGHLY DIVERSE CROPPING SYSTEMS AND PEOPLE IN THE NORTHEAST US
394	\$25,123	MICHIGAN WHEAT PROGRAM	Basso, Bruno	EARTH AND ENVIRONMENTAL SCIENCES	SUSTAINABLE INTENSIFICATION OF WHEAT PRODUCTION IN MICHIGAN: FIELD TRIALS AND SIMULATION APPROACHES
395	\$20,459	UNIVERSITY OF FLORIDA	Freymueller, Jeffrey	EARTH AND ENVIRONMENTAL SCIENCES	QUANTIFYING ARCTIC MASS WASTING USING ARCTICDEM
396	\$45,105	TEXAS STATE UNIVERSITY	Kendall, Anthony	EARTH AND ENVIRONMENTAL SCIENCES	INTEGRATING SYSTEMS MODELS AND REMOTE SENSING TO EXPLORE AQUATIC ECOSYSTEM VULNERABILITY TO GLOBAL CHANGE IN LAKE HURON
397	\$98,923	UNIVERSITY OF NEVADA LAS VEGAS	Schrenk, Matthew	EARTH AND ENVIRONMENTAL SCIENCES	UNDER PRESSURE: DO CELL-CELL INTERACTIONS AND COOPERATIVE BEHAVIOR IMPACT THE LIMITS AND SIGNATURES OF MICROBIAL ACTIVITY UNDER OCEAN WORLD ANALOG CONDITIONS
398	\$203,928	ANIMAL & PLANT HEALTH INSPECTION SERVICE	Cognato, Anthony	ENTOMOLOGY NATURAL SCIENCE	YEAR 2: REVISION OF EUWALLACEA SPECIES LIMITS FOR IMPROVED DIAGNOSTICS OF POTENTIAL INVASIVE SPECIES.
399	\$987,872	NATIONAL SCIENCE FOUNDATION	White, Peter	ENTOMOLOGY NATURAL SCIENCE	MOTHEd - AUTHENTIC SCIENCE FOR ELEMENTARY AND MIDDLE SCHOOL STUDENTS
400	\$285,666	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Reimers, Mark	INSTITUTE FOR QUANTITATIVE HEALTH	HIGH RESOLUTION IMAGING OF CORTICAL ACTIVITY DURING MEMORY FORMATION AND RECALL
401	\$381,100	NATIONAL INST OF GENERAL MEDICAL SCIENCES	Heath-Heckman, Elizabeth	INTEGRATIVE BIOLOGY	ELUCIDATING MOLECULAR MECHANISMS UNDERLYING COOPERATION IN ANIMAL-BACTERIAL SYMBIOSES

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402	\$206,248	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
403	\$39,849	UNIVERSITY OF MICHIGAN	Litchman, Elena	KELLOGG BIOLOGICAL STATION NAT SCI	DOLICHOSPERMUM IN THE GREAT LAKES: A COMPARISON OF TRAIT AND GENETIC DIVERSITY ACROSS LAKES
404	\$20,000	LAWRENCE LIVERMORE NATIONAL LABORATORY	Robertson, Phil	KELLOGG BIOLOGICAL STATION NAT SCI	NATIONAL GETTING TO NEUTRAL CARBON: BIOENERGY PRODUCTION AND SOIL CARBON
405	\$489,613	USDA-NATURAL RESOURCES CONSERVATION SERVICE	Sprunger, Christine	KELLOGG BIOLOGICAL STATION NAT SCI	SOIL HEALTH ASSAYS
406	\$7,200	SIMONS FOUNDATION	Feng, Hongsong	MATHEMATICS	TOPOLOGICAL LAPLACIAN-ASSISTED MACHINE LEARNING STUDIES
407	\$50,695	WAYNE STATE UNIV	Gerhardt, Teena	MATHEMATICS	ECHT: ELECTRONIC COMPUTATIONAL HOMOTOPY THEORY RESEARCH COMMUNITY
408	\$85,673	NATIONAL SCIENCE FOUNDATION	Gerhardt, Teena	MATHEMATICS	ALGEBRAIC K-THEORY, TOPOLOGICAL HOCHSCHILD HOMOLOGY, AND EQUIVARIANT HOMOTOPY THEORY
409	\$72,418	NATIONAL SCIENCE FOUNDATION	Kachkovskiy, Ilya	MATHEMATICS	CAREER: QUANTUM SYSTEMS WITH DETERMINISTIC DISORDER
410	\$116,486	SIMONS FOUNDATION	Levin, Aaron	MATHEMATICS	DIOPHANTINE APPROXIMATION AND ITS APPLICATIONS
411	\$180,000	NATIONAL SCIENCE FOUNDATION	Levin, Aaron	MATHEMATICS	DIOPHANTINE APPROXIMATION TO CLOSED SUBSCHEMES AND INTEGRAL POINTS ON VARIETIES
412	\$42,000	SIMONS FOUNDATION	Schwab, Russell	MATHEMATICS	HAMILTON-JACOBI-BELLMAN METHODS FOR FREE BOUNDARIES
413	\$378,505	NATIONAL INST OF HEALTH	Wei, Guowei	MATHEMATICS	DISCOVERY-DRIVEN MATHEMATICS AND ARTIFICIAL INTELLIGENCE FOR BIOSCIENCES AND DRUG DISCOVERY
414	\$42,000	SIMONS FOUNDATION	Zeidan, Vera	MATHEMATICS	CONTINUOUS-TIME APPROXIMATION FOR CONTROLLED SWEEPING PROCESSES
415	\$154,635	TARN BIOSCIENCES	Abramovitch, Robert	MICROBIOLOGY MOLECULAR GENETICS CNS	OPTIMIZING INHALED DELIVERY OF ANTIMYCOBACTERIAL MMPL3 INHIBITORS
416	\$345,073	NATIONAL INST OF HEALTH	Hausinger, Robert	MICROBIOLOGY MOLECULAR GENETICS CNS	NICKEL-PINCER NUCLEOTIDE ENZYMES
417	\$1,500,000	US AGENCY FOR INTL DEVELOPMENT	Xi, Zhiyong	MICROBIOLOGY MOLECULAR GENETICS CNS	POSITIONING FOR SCALE OF COMBINED IIT/SIT TO CONTROL AEDES-BORNE VIRAL DISEASES

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418	\$50,000	CAPGEMINI AMERICA INC	Xi, Zhiyong	MICROBIOLOGY MOLECULAR GENETICS CNS	MOSQUITO MASS REARING
419	\$17,427	SPACE TELESCOPE SCIENCE INST	Chomiuk, Laura	PHYSICS ASTRONOMY	COMBINING OBSERVATIONS WITH SIMULATIONS TO DECIPHER SHOCKS IN NOVAE
420	\$66,904	SPACE TELESCOPE SCIENCE INST	Chomiuk, Laura	PHYSICS ASTRONOMY	COMBINING OBSERVATIONS WITH SIMULATIONS TO DECIPHER SHOCKS IN NOVAE
421	\$92,449	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Chomiuk, Laura	PHYSICS ASTRONOMY	UNDERSTANDING THE GAMMA-RAY PRODUCTION MECHANISM IN NOVA SHOCKS
422	\$641,052	UNIVERSITY OF WISCONSIN MADISON	DeYoung, Tyce	PHYSICS ASTRONOMY	ICECUBE DATA ANALYSIS IN THE U.S. 2022-2025
423	\$125,362	UNIVERSITY OF WISCONSIN MADISON	DeYoung, Tyce	PHYSICS ASTRONOMY	ICECUBE GEN@ PHASE: AN ICECUBE EXTENSION FOR PREVISION NEUTRINO PHYSICS AND ASTROPHYSICS - CONSTRUCTION UPGRADE
424	\$214,178	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Donahue, Megan	PHYSICS ASTRONOMY	BARYONIC AND WEAK LENSING PROPERTIES OF A VOLUME-LIMITED SAMPLE OF CLUSTERS OF GALAXIES
425	\$52,771	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Donahue, Megan	PHYSICS ASTRONOMY	OBSERVATIONS OF THE JWST/GTO MERGING CLUSTER PLCK G165.7+67.0
426	\$204,222	COLUMBIA UNIV	Fisher, Wade	PHYSICS ASTRONOMY	LHC HIGH LUMINOSITY WBS 6.08.03.01 TRIGGER FRAMEWORK - MREFC - MSU
427	\$106,613	STONY BROOK UNIVERSITY	Fisher, Wade	PHYSICS ASTRONOMY	U.S. ATLAS OPERATIONS: DISCOVERY AND MEASUREMENT AT THE ENERGY FRONTIER
428	\$139,696	UNIVERSITY OF MICHIGAN	Hayden, Daniel	PHYSICS ASTRONOMY	U.S. ATLAS OPERATIONS: DISCOVERY AND MEASUREMENT AT THE ENERGY FRONTIER
429	\$113,736	COLUMBIA UNIV	Hayden, Daniel	PHYSICS ASTRONOMY	MREFC: US ATLAS HL-LHC UPGRADE PROJECT
430	\$251,978	NATIONAL SCIENCE FOUNDATION	Henderson, Rachel	PHYSICS ASTRONOMY	CONSTRUCTING VALID, EQUITABLE, AND FLEXIBLE KINEMATICS AND DYNAMICS ASSESSMENT SCALES WITH EVIDENCE-CENTERED DESIGN
431	\$840,000	NATIONAL SCIENCE FOUNDATION	Huston, Joey	PHYSICS ASTRONOMY	INVESTIGATIONS IN PROTON-PROTON COLLISIONS AT THE LARGE HADRON COLLIDER
432	\$72,000	US DEPT OF ENERGY	Lin, Huey-Wen	PHYSICS ASTRONOMY	EXCLAIM - EXCLUSIVES VIA ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
433	\$55,763	COLORADO SCHOOL OF MINES	Maghrebi, Mohammad	PHYSICS ASTRONOMY	NON-EQUILIBRIUM STEADY STATES AND DYNAMICS IN A TRAPPED-ION QUANTUM SIMULATOR WITH ENGINEERED DISSIPATION
434	\$376,689	NATIONAL INST OF HEALTH	Piermarocchi, Carlo	PHYSICS ASTRONOMY	NETWORK MODELS OF DIFFERENTIATION LANDSCAPES FOR ANGIOGENESIS AND HEMATOPOIESIS

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435	\$246,539	GREAT LAKES CRYSTAL TECHNOLOGIES INC	Pollanen, Johannes	PHYSICS ASTRONOMY	PHASE 2: DESIGN OF COLOR CENTERS FOR SPIN QUBIT DEVICES
436	\$50,000	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Rodriguez, Joey	PHYSICS ASTRONOMY	UNDERSTANDING THE EVOLUTIONARY MECHANISMS OF BROWN DWARFS
437	\$209,728	COLUMBIA UNIV	Schwienhorst, Reinhard	PHYSICS ASTRONOMY	LHC HIGH LUMINOSITY UPGRADE (HL-LHC) WBS 6.06.01.02 MUON SMDT - MREFC - MSU
438	\$137,171	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Strader, Jay	PHYSICS ASTRONOMY	COMPACT BINARIES IN GALACTIC GLOBULAR CLUSTERS
439	\$66,616	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Strader, Jay	PHYSICS ASTRONOMY	REVEALING NEW FERMI MILLISECOND PULSAR BINARIES WITH OPTICAL SPECTROSCOPY
440	\$52,854	MICHIGAN TECHNOLOGICAL UNIVERSITY	Tollefson, Kirsten	PHYSICS ASTRONOMY	WOU-MMA: RESEARCH & DEVELOPMENT FOR THE SOUTHERN WIDE-FIELD GAMMA-RAY OBSERVATORY (SWG0)
441	\$314,999	NATIONAL SCIENCE FOUNDATION	Yuan, Chien-Peng	PHYSICS ASTRONOMY	GLOBAL QCD ANALYSIS AND PRECISION ELECTROWEAK PHYSICS IN HIGH ENERGY COLLIDER PHENOMENOLOGY
442	\$29,980	CHANDRA SCIENCE CENTER	Zepf, Stephen	PHYSICS ASTRONOMY	THE LMXB POPULATION OF NGC 3998: TESTING FOR AN EXTREME IMF
443	\$23,439	CHANDRA SCIENCE CENTER	Zepf, Stephen	PHYSICS ASTRONOMY	CHARACTERIZING THE NATURE OF GLOBULAR CLUSTER ULX SOURCES IN NGC 1399
444	\$63,294	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Zhang, Shuo	PHYSICS ASTRONOMY	CAPTURING PEAK X-RAY LUMINOSITY OF GALACTIC CENTER MOLECULAR CLOUD THE BRIDGE: STORYTELLER OF A SGR A* OUTBURST 400 YEARS AGO
445	\$20,000	JET PROPULSION LABORATORY	Zhang, Shuo	PHYSICS ASTRONOMY	CAPTURING PEAK X-RAY LUMINOSITY OF GALACTIC CENTER MOLECULAR CLOUD "BRIDGE"
446	\$61,250	UNIVERSITY OF NEBRASKA KEARNEY	Bazil, Jason	PHYSIOLOGY NATURAL SCIENCE	PYRUVATE DEHYDROGENASE COMPLEX ACTIVATION AS A STRATEGY TO AMELIORATE METABOLIC DISEASE
447	\$47,694	NATIONAL INST OF HEALTH	Broeker, Carson	PHYSIOLOGY NATURAL SCIENCE	CONSERVED COAMPLIFICATION EVENT IN HER2+ BREAST CANCER INCREASES METASTASIS
448	\$84,931	UNIVERSITY OF ALABAMA AT BIRMINGHAM	Busik, Julia	PHYSIOLOGY NATURAL SCIENCE	HEMATOPOIETIC CELL MOBILIZATION FROM DISTINCT BONE MARROW COMPARTMENTS FOLLOWING RETINAL INJURY
449	\$12,500	OHIO STATE UNIV	Gulbransen, Brian	PHYSIOLOGY NATURAL SCIENCE	ENTERIC GLIAL ETBR SIGNALING IN POSTOPERATIVE ILEUS

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450	\$40,000	UNIVERSITY OF MICHIGAN	Laumet, Geoffroy	PHYSIOLOGY NATURAL SCIENCE	MICHIGAN DIABETES RESEARCH CENTER (MDRC) (P30DK020572 - YRS 46-50)
451	\$609,414	NATIONAL INST OF HEALTH	Robison, Alfred	PHYSIOLOGY NATURAL SCIENCE	PROJECTION-SPECIFIC GENE EXPRESSION IN RESILIENCE TO CHRONIC STRESS
452	\$438,890	NATIONAL INST OF HEALTH	Wang, Hongbing	PHYSIOLOGY NATURAL SCIENCE	MECHANISM UNDERLYING COGNITIVE AND SYNAPTIC FLEXIBILITY
453	\$370,824	NATIONAL SCIENCE FOUNDATION	Farre Prokosch, Eva	PLANT BIOLOGY CNS	COLLABORATIVE RESEARCH: AUREOCHROMES-LIGHT SIGNALING IN THE SEA
454	\$341,318	UNIVERSITY OF TEXAS AT AUSTIN	Lowry, David	PLANT BIOLOGY CNS	TESTING PREDICTIONS OF PLANT-MICROBE-ENVIRONMENT INTERACTIONS TO OPTIMIZE CLIMATE ADAPTATION AND IMPROVE SUSTAINABILITY IN SWITCHGRASS FEEDSTOCKS
455	\$179,943	USDA FOREST SERVICE	Sullivan, Lauren	PLANT BIOLOGY CNS	EVALUATING PRAIRIE RESTORATION WITH ACTIVE BISON GRAZING ON MIDEWIN NATIONAL TALLGRASS PRAIRIE
456	\$233,366	YALE UNIV	Trail, Frances	PLANT BIOLOGY CNS	EVOLUTIONARY MULTISPECIES TRANSCRIPTOMICS TO REVEAL GENES THAT GOVERN FUNGAL SPORE GERMINATION AND PATHOGENESIS
457	\$1,200,000	AUBURN UNIV	Kim, Yongsig	PLANT RESEARCH LABORATORY NAT SCIENCE	REIMAGINING CONTROLLED ENVIRONMENT AGRICULTURE IN A LOW CARBON WORLD
458	\$14,267	HENRY FORD HEALTH SYSTEM	Cui, Yuehua	STATISTICS PROBABILITY	STATISTICAL ANALYSIS OF SPATIAL TRANSCRIPTOMICS DATA
459	\$16,829	OHIO UNIV	Viens, Frederi	STATISTICS PROBABILITY	FRAMEWORKS: BAYESIAN ANALYSIS FOR NUCLEI IN DIVERSE THEORIES
<b>COLLEGE OF NURSING</b>					
460	\$230,087	NATIONAL INST OF NURSING RESEARCH	Chen, Angela Chia-Chen	NURSING	PILOT TESTING OF A GAME-BASED INTERVENTION TO PROMOTE HPV VACCINATION IN FAMILIES WITH UNVACCINATED CHILDREN
461	\$409,410	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Goldstein, Dawn	NURSING	PSYCHIATRIC MENTAL HEALTH NURSE PRACTITIONER RECRUITMENT & RETENTION
462	\$789,635	NATIONAL CENTER FOR COMPLEMENTARY AND INTEGRATIVE HEALTH	Ling, Jiying	NURSING	FOOD-BODY-MIND INTERVENTION: PROMOTE WHOLE CHILD HEALTH
463	\$5,505	HEALTH RESOURCES & SERVICES ADMINISTRATION	Lourens, Gayle	NURSING	IMPROVING ACCESS TO QUALITY ANESTHESIA CARE THROUGH TRAINEESHIP SUPPORT
464	\$723,309	NATIONAL HEART LUNG & BLOOD INST	Robbins, Lorraine	NURSING	GUYS/GIRLS OPT FOR ACTIVITIES FOR LIFE (GOAL) TRIAL
<b>COLLEGE OF OSTEOPATHIC MEDICINE</b>					

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465	\$93,155	INDOOR BIOTECHNOLOGIES, INC	Chruszcz, Maksymilian	BIOCHEMISTRY AND MOLECULAR BIOLOGY COM	ANTIGENIC DETERMINANTS OF ASTHMA-ASSOCIATED ALLERGENS FOR DESIGN OF IMMUNOTHERAPY
466	\$113,441	MASSACHUSETTS GENERAL HOSPITAL	Martinez Hackert, Erik	BIOCHEMISTRY AND MOLECULAR BIOLOGY COM	CONTEXT-SPECIFIC ANGIOGENIC SIGNALING IN THE PULMONARY VASCULATURE
467	\$1,400,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Luz, Clare	FAMILY AND COMMUNITY MEDICINE	DCW TRAINING PILOT PROJECT
468	\$118,276	US DEPT OF STATE	Ghimire, Ramjee	INSTITUTE FOR GLOBAL HEALTH	MEKONG ONE HEALTH INNOVATION PROGRAM (MOHIP)
469	\$9,000	XENON PHARMACEUTICALS INC	Burghardt, Tyson	NEUROLOGY AND OPHTHALMOLOGY COM	A MULTICENTER, OPEN-LABEL, LONG-TERM, SAFETY, TOLERABILITY, AND EFFICACY STUDY OF XEN1101 IN ADULTS DIAGNOSED WITH EPILEPSY
470	\$9,000	XENON PHARMACEUTICALS INC	Burghardt, Tyson	NEUROLOGY AND OPHTHALMOLOGY COM	A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, MULTICENTER, PHASE 3 STUDY TO EVALUATE THE SAFETY, TOLERABILITY, AND EFFICACY OF XEN1101 AS ADJUNCTIVE THERAPY IN PRIMARY GENERALIZED
471	\$15,058	CEREVEL THERAPEUTICS LLC	Goudreau, John	NEUROLOGY AND OPHTHALMOLOGY COM	58-WEEK OPEN-LABEL TRIAL OF TAVAPADON IN PARKINSON'S DISEASE (TEMPO-4 TRIAL)
472	\$8,500	SAGE THERAPEUTICS INC	Goudreau, John	NEUROLOGY AND OPHTHALMOLOGY COM	SAGE-324-ETD-202
473	\$8,000	INHIBIKASE THERAPEUTICS	Goudreau, John	NEUROLOGY AND OPHTHALMOLOGY COM	A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED TRIAL OF IKT-148009 IN UNTREATED PARKINSON'S DISEASE
474	\$8,190	BUKWANG PHARMACEUTICAL CO LTD	Goudreau, John	NEUROLOGY AND OPHTHALMOLOGY COM	A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, TWO-PART STUDY IN PARKINSON'S DISEASE PATIENTS WITH DYSKINESIA TO ASSESS THE EFFICACY AND SAFETY/TOLERABILITY OF FIXED DOSE COMBINATIONS OF JM-010 AND
475	\$9,015	IMMUNOVANT SCIENCES GMBH	Sachdev, Amit	NEUROLOGY AND OPHTHALMOLOGY COM	A PHASE 3, MULTI-CENTER, RANDOMIZED, QUADRUPLE-BLIND, PLACEBO-CONTROLLED STUDY TO ASSESS THE EFFICACY AND SAFETY OF BATOCLIMAB AS INDUCTION AND MAINTENANCE THERAPY IN ADULT PARTICIPANTS WITH
476	\$25,000	MUSCULAR DYSTROPHY ASSOC INC	Sachdev, Amit	NEUROLOGY AND OPHTHALMOLOGY COM	MSU DEPARTMENT OF NEUROLOGY MDA CARE CENTER
477	\$9,445	RA PHARMACEUTICALS INC	Sachdev, Amit	NEUROLOGY AND OPHTHALMOLOGY COM	A PHASE 3, MULTICENTER, OPEN-LABEL EXTENSION STUDY OF ZILUCOPLAN IN SUBJECTS WITH GENERALIZED MYASTHENIA GRAVIS

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478	\$14,156	ALEXION PHARMACEUTICALS INC	Sachdev, Amit	NEUROLOGY AND OPHTHALMOLOGY COM	A PHASE 3, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PARALLEL, MULTICENTER STUDY TO EVALUATE THE SAFETY AND EFFICACY OF ALXN1720 IN ADULTS WITH GENERALIZED MYASTHENIA GRAVIS
479	\$40,262	INDIANA UNIVERSITY PURDUE UNIVERSITY INDIANAPOLIS	Taylor, Terrie	OSTEOPATHIC MEDICAL SPECIALTIES COM	GUT MICROBIOTA AND HUMAN MALARIA
480	\$20,000	HENRY FORD HEALTH SYSTEM MICHIGAN STATE UNIVERSITY HEALTH SCIENCES	Ellsworth, Edmund	PHARMACOLOGY TOXICOLOGY	SYNTHESIS AND RADIATION RADIOPROTECTION STUDIES OF UTS-1401 ANALOGS
481	\$156,991	NATIONAL INST OF HEALTH	Tewari-Singh, Neera	PHARMACOLOGY TOXICOLOGY	TREATMENT STRATEGIES FOR OCULAR TOXICITY FROM CHLOROPICRIN
482	\$18,609	UNIVERSITY OF MICHIGAN	Watts, Stephanie	PHARMACOLOGY TOXICOLOGY	UNIVERSITY OF MICHIGAN KIDNEY, UROLOGY AND HEMATOLOGY RESEARCH TRAINING NETWORK
483	\$69,844	NATIONAL INST OF HEALTH	Ezeamama, Amara	PSYCHIATRY OSTEOPATHIC MEDICINE	ESSENTIAL FATTY ACID DEFICIENCY AS A MODIFIABLE DETERMINANT OF COGNITIVE DYSFUNCTION AMONG 6-18-YEAR-OLD UGANDAN CHILDREN OF VARYING PERINATAL HIV STATUS
484	\$649,051	NATIONAL INST OF HEALTH	Ezeamama, Amara	PSYCHIATRY OSTEOPATHIC MEDICINE	IDENTIFYING ADOLESCENTS AT HIGH RISK OF NEUROCOGNITIVE DISORDER: DEVELOPMENT AND VALIDATION OF A COMPOSITE RISK INDEX
485	\$226,474	NATIONAL INST OF HEALTH	Ezeamama, Amara	PSYCHIATRY OSTEOPATHIC MEDICINE	GUT PERMEABILITY AND VARIATIONS IN BIO-AVAILABLE VITAMIN D AS MECHANISMS OF ADVERSE COGNITIVE DEVELOPMENT IN HIV-AFFECTED & CONTROLS CHILDREN - A NESTED PILOT STUDY
486	\$7,687	UNIVERSITY OF ROCHESTER	Delano, Mark	RADIOLOGY OSTEOPATHIC MEDICINE	GLOBAL RESEARCH ENDEAVORS TO ADVANCE TREATMENT/PREVENTION OF NEUROLOGICAL DISORDERS IN AFRICA (GREAT NEUROLOGY IN AFRICA)
<b>COLLEGE OF SOCIAL SCIENCE</b>					
487	\$64,933	UNIVERSITY OF KENTUCKY	Hefner, Joseph	ANTHROPOLOGY SOCIAL SCIENCE	DEVELOPING STANDARDIZED GRAPHIC LIBRARIES FOR ANATOMY: A FOCUS ON HUMAN CRANIOFACIAL ANATOMY AND PHENOTYPES
488	\$102,339	GEORGE MASON UNIV	McGarrell, Edmund	CRIMINAL JUSTICE	JCOIN COORDINATION AND TRANSLATION CENTER - COMMUNITY STAKEHOLDER
489	\$74,093	JUSTICE RESEARCH & STATISTICS ASSOC	Rojek, Jeffrey	CRIMINAL JUSTICE	BUREAU OF JUSTICE ASSISTANCE (BJA) FY 21 SMART SUITE TRAINING AND TECHNICAL ASSISTANCE
490	\$224,997	OFFICE OF JUSTICE PROGRAMS	Wolfe, Scott	CRIMINAL JUSTICE	CORE CAPACITY AND SPECIAL EMPHASIS SAC PROPOSAL: MICHIGAN STATISTICAL ANALYSIS CENTER 2023
491	\$49,595	UNIVERSITY OF CHICAGO	Barnwal, Prabhat	ECONOMICS	PEER EFFECTS AND INFORMATION SILOS IN THE BUREAUCRACY

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492	\$63,395	STANFORD UNIV	Lee, Ajin	ECONOMICS	“RACIAL BIAS IN RISK-ADJUSTMENT ALGORITHMS AND IMPLICATIONS FOR RACIAL HEALTH DISPARITIES: EVIDENCE FROM DUAL-ELIGIBLE MEDICARE/MEDICAID LONG-TERM CARE PATIENTS IN NEW YORK”
493	\$69,664	UNIVERSITY OF MICHIGAN	Andresen, Jeffrey	GEOGRAPHY ENVIRONMENT SPATIAL SCIENCES	GREAT LAKES INTEGRATED SCIENCE AND ASSESSMENTS (GLISA)
494	\$89,537	SYNOPTIC DATA CORP	Andresen, Jeffrey	GEOGRAPHY ENVIRONMENT SPATIAL SCIENCES	NATIONAL MESONET PROGRAM FOR MSU ENVIROWEATHER EFFORT
495	\$17,656	WAYNE STATE UNIV	Bunting, Erin	GEOGRAPHY ENVIRONMENT SPATIAL SCIENCES	CENTER FOR LEADERSHIP IN ENVIRONMENTAL AWARENESS AND RESEARCH (CLEAR)
496	\$120,892	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Pearson, Amber	GEOGRAPHY ENVIRONMENT SPATIAL SCIENCES	HEALTH POLICY ANALYSIS AND MAPPING
497	\$10,000	USDA FOREST SERVICE	Zhong, Shiyuan	GEOGRAPHY ENVIRONMENT SPATIAL SCIENCES	TOWARDS AN IMPROVED UNDERSTANDING OF THE RELATIONSHIP OF SMOKE DISPERSION FROM PRESCRIBED FIRES TO CANOPY STRUCTURE AND ATMOSPHERIC CONDITIONS
498	\$88,000	USDA FOREST SERVICE	Zhong, Shiyuan	GEOGRAPHY ENVIRONMENT SPATIAL SCIENCES	MODELING AND MONITORING SUPPORT FOR STUDIES OF SMOKE DISPERSION FROM WILDLAND FIRES
499	\$439,922	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Fan, Peilei	GLOBAL CHG AND EARTH OBSERVATION CTR FOR	DECODING LAND TRANSITIONS ACROSS THE URBAN-RURAL CONTINUUMS (URC): A SYNTHESIS STUDY OF PATTERNS, DRIVERS, AND SOCIOENVIRONMENTAL IMPACTS IN SOUTHEAST ASIA
500	\$46,782	COLORADO STATE UNIV	Henebry, Geoffrey	GLOBAL CHG AND EARTH OBSERVATION CTR FOR	UNDERSTANDING URBAN CENTERS AS ECOLOGICAL TRAPS FOR AVIAN MIGRANTS
501	\$49,938	NATIONAL SCIENCE FOUNDATION	Moran, Emilio	GLOBAL CHG AND EARTH OBSERVATION CTR FOR	GCR: CONVERGENCE FOR INNOVATIVE ENERGY SOLUTIONS: EMPOWERING OFF-GRID COMMUNITIES WITH SUSTAINABLE ENERGY TECHNOLOGIES
502	\$43,206	KBR	Roy, David	GLOBAL CHG AND EARTH OBSERVATION CTR FOR	LAND SATELLITES DATA SYSTEM (LSDS) EROS CAL/VAL CENTER OF EXCELLENCE (ECCOE)
503	\$56,543	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
504	\$176,355	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Roy, David	GLOBAL CHG AND EARTH OBSERVATION CTR FOR	MACHINE LEARNING PLANET HIGH RESOLUTION TRAINING DATA FOR MEDIUM RESOLUTION LAND COVER AND DISTURBANCE MAPPING

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	Amount	Sponsor	Principal Investigator/Director	Unit	Project Title
505	\$449,287	US DEPT OF EDUCATION	Douglas, Sarah	HUMAN DEVELOPMENT AND FAMILY STUDIES CSS	THE DEVELOPMENT AND TESTING OF A PROFESSIONAL DEVELOPMENT AND TELEPRACTICE INTERVENTION TO SUPPORT FAMILY MEMBER USE OF AUGMENTATIVE AND ALTERNATIVE COMMUNICATION
506	\$2,187,500	ADMINISTRATION FOR CHILDREN & FAMILIES	Linscott, Laurie	HUMAN DEVELOPMENT AND FAMILY STUDIES CSS	MICHIGAN STATE UNIVERSITY CHILD DEVELOPMENT LABORATORIES COMMUNITY EXPANSION
507	\$90,920	INGHAM INTERMEDIATE SCHOOL DISTRICT	Linscott, Laurie	HUMAN DEVELOPMENT AND FAMILY STUDIES CSS	2023-2024 INGHAM GREAT START READINESS PROGRAM
508	\$24,994	ADMINISTRATION FOR CHILDREN & FAMILIES	Vallotton, Claire	HUMAN DEVELOPMENT AND FAMILY STUDIES CSS	ADMINISTRATIVE SUPPORT AND WELL-BEING OF INFANT, TODDLER, AND PRESCHOOL EDUCATORS
509	\$120,000	NORTH AMERICAS BUILDING TRADES UNIONS	Brockman, Julie	HUMAN RESOURCES AND LABOR RELATIONS	INCREASING AND DIVERSIFYING REGISTERED APPRENTICESHIPS IN THE CONSTRUCTION INDUSTRY
510	\$164,676	JOHNS HOPKINS UNIV	Grossmann, Matthew	INST FOR PUBLIC POLICY SOCIAL RESEARCH	A COMPARISON OF FIREARM-RELATED INTIMATE PARTNER HOMICIDE IN TEXAS AND MARYLAND
511	\$200,000	JOYCE FOUNDATION	Grossmann, Matthew	INST FOR PUBLIC POLICY SOCIAL RESEARCH	ANALYZING AND IMPROVING RACIAL REPRESENTATION IN MICHIGAN AFTER REDISTRICTING REFORM
512	\$349,803	NATIONAL ENDOWMENT FOR THE HUMANITIES	Hawthorne III, Walter	MATRIX HUM ARTS LETTERS SOC SCI ONLINE	EXPANDING AND SUSTAINING 'ENSLAVED.ORG: PEOPLES OF THE HISTORICAL SLAVE TRADE'
513	\$11,795	FOUNDATION HIRONDELLE	Conroy-Krutz, Jeffrey	POLITICAL SCIENCE	EVALUATION OF RADIO NDEKE LUKA—PHASE II
514	\$35,000	US NAVAL ACADEMY	Sebell, Dustin	POLITICAL SCIENCE	RESIDENT ETHICS FELLOW IN THE STOCKDALE CENTER FOR ETHICAL LEADERSHIP
515	\$7,127	AVILA UNIVERSITY	Brandt, Mark	PSYCHOLOGY SOCIAL SCIENCE	MENTORING RESEARCH PROJECTS THROUGH REPLICATION WITH THE COLLABORATIVE REPLICATION AND EDUCATION PROJECT
516	\$75,000	RICE UNIV	Carter, Dorothy	PSYCHOLOGY SOCIAL SCIENCE	NEXT GENERATION TEAMS AND ORGANIZATIONAL SUBSYSTEMS RESEARCH.
517	\$52,000	NATIONAL AERONAUTICS & SPACE ADMINISTRATION	Carter, Dorothy	PSYCHOLOGY SOCIAL SCIENCE	NASA RESEARCH AND TECHNOLOGY DEVELOPMENT TO SUPPORT CREW HEALTH AND PERFORMANCE IN SPACE EXPLORATION MISSIONS
518	\$20,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Gregory, Katie	PSYCHOLOGY SOCIAL SCIENCE	HUMAN TRAFFICKING PROJECT - FY24
519	\$400,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Gregory, Katie	PSYCHOLOGY SOCIAL SCIENCE	CRIME VICTIM ADMINISTRATIVE FEDERAL ASSISTANCE.

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520	\$213,506	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Gregory, Katie	PSYCHOLOGY SOCIAL SCIENCE	MIVAN CAPACITY BUILDING TRAINING PROJECT
521	\$49,806	UNIVERSITY OF MICHIGAN	McAuley, J	PSYCHOLOGY SOCIAL SCIENCE	SPONTANEOUS SYNCHRONIZATION TO SPEECH AS A WINDOW INTO AUDITORY MOTOR INTEGRATION IN STUTTERING
522	\$65,028	UNIVERSITY OF ILLINOIS CHICAGO	Neal, Jennifer	PSYCHOLOGY SOCIAL SCIENCE	EMPOWERING LATINAS TO OBTAIN GUIDELINE-CONCORDANT BREAST CANCER SCREENINGS
523	\$47,986	NEW YORK UNIV	Ryan, Ann	PSYCHOLOGY SOCIAL SCIENCE	COLLABORATIVE RESEARCH:FW-HTF-RL: TRAPEZE: RESPONSIBLE AI-ASSISTED TALENT ACQUISITION FOR HR SPECIALISTS
524	\$94,225	UNIVERSITY OF TEXAS AT AUSTIN	Schwaba, Tedmond	PSYCHOLOGY SOCIAL SCIENCE	DISSECTING THE MULTIVARIATE GENETIC ARCHITECTURE OF PSYCHIATRIC DISORDERS
525	\$42,960	NATIONAL INST OF HEALTH	Veenema, Alexa	PSYCHOLOGY SOCIAL SCIENCE	SUPPLEMENT FOR OXT NEURAL CIRCUITRY INVOLVEMENT OF JUVENILE SOCIAL PLAY BEHAVIOR
526	\$50,000	FEONIX MOBILITY RISING	Kotval-Karamchandani, Zeenat	SCHOOL OF PLANNING DES CONSTRUCTION CSS	MICHIGAN MOBILITY WALLET - MSU
527	\$203,817	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Brock, Michele	SOCIAL WORK	KINSHIP SUPPORT PROGRAM
528	\$2,100,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Brock, Michele	SOCIAL WORK	KINSHIP SUPPORT PROGRAM
529	\$53,812	DEPAUL UNIV	Kennedy, Angie	SOCIAL WORK	SEXUAL ASSAULT SURVIVORS' EXPERIENCES SEEKING CIVIL NO CONTACT ORDERS
530	\$17,052	MICHIGAN PUBLIC HEALTH INST	Sun, Fei	SOCIAL WORK	PROMOTING BRAIN HEALTH AMONG OLDER ADULTS FROM UNDERSERVED POPULATIONS AND COMMUNITIES IN MICHIGAN
531	\$203,869	NATIONAL SCIENCE FOUNDATION	shuster, stef	SOCIOLOGY SOCIAL SCIENCE	CAREER: TRANS EUGENICS: SCIENTIFIC AND MEDICAL CONTROL OVER RE(PRODUCTIVE) BODIES
<b>OFFICE OF UNDERGRADUATE EDUCATION</b>					
532	\$8,580	CITY OF EAST LANSING	Garcia, Luis	MIGRANT STUDENT SERVICES	E.L. COMMUNITY DEVELOPMENT BLOCK GRANT
533	\$499,721	NATIONAL SCIENCE FOUNDATION	Libarkin, Julie	UNDERGRADUATE EDUCATION ADMINISTRATION	TRANSFORMING STEM EDUCATION THROUGH PARTICIPATORY AND COMMUNITY-ENGAGED RESEARCH: AN INCUBATOR PROJECT
<b>COLLEGE OF VETERINARY MEDICINE</b>					
534	\$499,998	FOREIGN AGRICULTURAL SERVICE	Kaneene, John	LARGE ANIMAL CLINICAL SCIENCES	USDA-FAS FACULTY EXCHANGE PROGRAM - PHILIPPINE AND VIETNAMESE VETERINARY SCIENCE

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535	\$299,466	FOOD & DRUG ADMINISTRATION	Ruegg, Pamela	LARGE ANIMAL CLINICAL SCIENCES	COMBINING BENCHMARKING AND COMPETENCY-BASED TRAINING TO IMPLEMENT ANTIMICROBIAL STEWARDSHIP ON DAIRY FARMS
536	\$153,287	UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	Harkema, Jack	PATHOBIOLOGY DIAGNOSTIC INVESTIGAT CVM	GENETIC ANALYSIS OF COVID-19 SUSCEPTIBILITY AND RESISTANCE DETERMINANTS IN THE COLLABORATIVE CROSS
537	\$35,620	COREWELL HEALTH	Carey, Stephan	SMALL ANIMAL CLINICAL SCIENCES	MICROSTRUCTURAL/MECHANICAL ANALYSIS OF TRICUSPID VALVES
538	\$209,106	ABBVIE INC	Komaromy, Andras	SMALL ANIMAL CLINICAL SCIENCES	ABBVIE PHARMACEUTICALS - DURYSTA (BIMATOPROST) IMPLANTS
539	\$24,030	WASHINGTON UNIV IN ST LOUIS	Olivier, Nicholas	SMALL ANIMAL CLINICAL SCIENCES	GESTATIONAL HYPERANDROGENISM IN CARDIOVASCULAR PROGRAMMING
540	\$146,836	MORRIS ANIMAL FOUNDATION	Yuzbasiyan-Gurkan, Vilma	SMALL ANIMAL CLINICAL SCIENCES	PHASE II OPEN-LABEL NON-RANDOMIZED MULTICENTER CLINICAL TRIAL OF TRAMETINIB FOR DOGS WITH HISTIOCYTIC SARCOMA
541	\$57,868	FOOD & DRUG ADMINISTRATION	Buchweitz, John	VETERINARY DIAGNOSTIC LABORATORY	A MULTI-LABORATORY VALIDATION OF THE EXTRACTION OF FAT-SOLUBLE VITAMINS FROM TISSUE AND FEED AND THEIR ANALYSIS BY LC-MS/MS
542	\$59,400	FOOD & DRUG ADMINISTRATION	Dodd, Kimberly	VETERINARY DIAGNOSTIC LABORATORY	BUILDING AMR MONITORING CAPACITY THROUGH EXPANDING NGS CAPABILITIES
543	\$1,000,000	COLORADO STATE UNIV	Dodd, Kimberly	VETERINARY DIAGNOSTIC LABORATORY	NAHLN AMERICAN RESCUE PLAN: MICHIGAN STATE UNIVERSITY VETERINARY DIAGNOSTIC LABORATORY
544	\$100,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Dodd, Kimberly	VETERINARY DIAGNOSTIC LABORATORY	VECTOR BORNE SURVEILLANCE FOR ARBOVIRAL DISEASE
545	\$125,013	STATE OF MICHIGAN	Mejia Abreu, Hilda	VETERINARY MEDICINE DEAN	DEVELOPING MICHIGAN'S PIPELINE TO VETERINARY MEDICAL EDUCATION
546	\$40,000	NATIONAL INST OF HEALTH	Sreevatsan, Srinand	VETERINARY MEDICINE DEAN	SHORT-TERM BIOMEDICAL RESEARCH TRAINING PROGRAM FOR VETERINARY STUDENTS
547	\$114,480	NATIONAL INST OF HEALTH	Sreevatsan, Srinand	VETERINARY MEDICINE DEAN	SHORT-TERM BIOMEDICAL RESEARCH TRAINING PROGRAM FOR VETERINARY STUDENTS
<b>FACILITY FOR RARE ISOTOPE BEAMS</b>					
548	\$1,040,000	NORTHROP GRUMMAN CORP	Abrams, BJ	FACILITY FOR RARE ISOTOPE BEAMS	SINGLE EVENT EFFECT TESTING ON ELECTRONIC COMPONENTS - EXPERIMENT 22928
549	\$839,000	NATIONAL SCIENCE FOUNDATION	Baumann, Thomas	FACILITY FOR RARE ISOTOPE BEAMS	COLLABORATIVE RESEARCH: EQUIPMENT: MRI CONSORTIUM: TRACK 2 DEVELOPMENT OF A NEXT GENERATION FAST NEUTRON DETECTOR

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550	\$101,135	LOS ALAMOS NATL LABORATORY	Bogner, Scott	FACILITY FOR RARE ISOTOPE BEAMS	FRIB THEORY FELLOW AT LOS ALAMOS NATIONAL LABORATORY - HLOPHE
551	\$250,000	NATIONAL SCIENCE FOUNDATION	Brown, Kyle	FACILITY FOR RARE ISOTOPE BEAMS	WOU-MMA: STUDYING NEUTRON STARS THROUGH THE LENS OF NUCLEAR REACTIONS
552	\$83,358,000	US DEPT OF ENERGY	Glasmacher, Thomas	FACILITY FOR RARE ISOTOPE BEAMS	OPERATION OF THE FACILITY FOR RARE ISOTOPE BEAMS AS SCIENTIFIC USER FACILITY
553	\$3,000,000	US DEPT OF ENERGY	Glasmacher, Thomas	FACILITY FOR RARE ISOTOPE BEAMS	HIGH RIGIDITY SPECTROMETER PROJECT
554	\$1,400,000	NATIONAL SCIENCE FOUNDATION	Gueye, Paul	FACILITY FOR RARE ISOTOPE BEAMS	WINDOWS ON THE UNIVERSE: OPEN QUANTUM SYSTEMS IN ATOMIC NUCLEI AT FRIB
555	\$461,000	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
556	\$182,354	BROOKHAVEN SCIENCE ASSOC LLC	Hao, Yue	FACILITY FOR RARE ISOTOPE BEAMS	JOINT APPOINTMENT AGREEMENT WITH BNL FOR YUE HAO
557	\$300,000	US DEPT OF ENERGY	Hao, Yue	FACILITY FOR RARE ISOTOPE BEAMS	DEVELOPMENT OF DIFFERENTIABLE BEAM DYNAMICS SIMULATION TOOLS INCLUDING COLLECTIVE EFFECTS FOR HEP ACCELERATOR APPLICATIONS
558	\$130,000	US DEPT OF ENERGY	Hao, Yue	FACILITY FOR RARE ISOTOPE BEAMS	6-D ANALYSIS OF NONLINEAR DYNAMICS USING SQUARE MATRIX METHOD
559	\$210,000	US DEPT OF ENERGY	Hao, Yue	FACILITY FOR RARE ISOTOPE BEAMS	ADVANCED MODELING OF BEAM PHYSICS AND PERFORMANCE OPTIMIZATION FOR NUCLEAR PHYSICS COLLIDERS
560	\$150,000	US DEPT OF ENERGY	Hergert, Heiko	FACILITY FOR RARE ISOTOPE BEAMS	ADVANCED AB INITIO METHODS FOR THE NUCLEAR MANY-BODY PROBLEM
561	\$176,000	US DEPT OF ENERGY	Lee, Dean	FACILITY FOR RARE ISOTOPE BEAMS	STREAMLINE COLLABORATION: MACHINE LEARNING FOR NUCLEAR MANY-BODY SYSTEMS
562	\$450,000	UNIVERSITY OF CALIFORNIA BERKELEY	Liddick, Sean	FACILITY FOR RARE ISOTOPE BEAMS	NUCLEAR SCIENCE AND ENGINEERING CONSORTIUM FOR NONPROLIFERATION
563	\$32,229	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	Naviliat Cuncic, Oscar	FACILITY FOR RARE ISOTOPE BEAMS	CNRS - MICHIGAN STATE UNIVERSITY NUCLEAR PHYSICS AND ASTROPHYSICS (IRL NPA)
564	\$7,305	NATIONAL SCIENCE FOUNDATION	Schatz, Hendrik	FACILITY FOR RARE ISOTOPE BEAMS	ACCELNET-WOU: INTERNATIONAL RESEARCH NETWORK FOR NUCLEAR ASTROPHYSICS (IRENA)
565	\$567,000	US DEPT OF ENERGY	Severin, Gregory	FACILITY FOR RARE ISOTOPE BEAMS	CORE RESEARCH AND DEVELOPMENT SUPPORT FOR ISOTOPE HARVESTING AT FRIB
566	\$936,408	NATIONAL SCIENCE FOUNDATION	Spyrou, Artemisia	FACILITY FOR RARE ISOTOPE BEAMS	WINDOWS ON THE UNIVERSE: NUCLEAR ASTROPHYSICS AT FRIB

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567	\$205,000	US DEPT OF ENERGY	Wrede, Christopher	FACILITY FOR RARE ISOTOPE BEAMS	MACHINE LEARNING FOR TIME PROJECTION CHAMBERS AT FRIB
568	\$15,000	US DEPT OF ENERGY	Wrede, Christopher	FACILITY FOR RARE ISOTOPE BEAMS	TWENTIETH EXOTIC BEAM SUMMER SCHOOL (EBSS2023)
569	\$495,270	STANFORD LINEAR ACCELERATOR CENTER	Xu, Ting	FACILITY FOR RARE ISOTOPE BEAMS	PROPOSAL TO SUPPLY LCLS-II HE SRF GUN
570	\$20,000	FERMI NATIONAL ACCELERATOR LABORATORY	Xu, Ting	FACILITY FOR RARE ISOTOPE BEAMS	HIGH PRESSURE RINSING (HPR) ONE SSR2 CAVITY FOR PIP-II PROJECT
571	\$29,588	NATIONAL SCIENCE FOUNDATION	Singh, Jaideep	NAT'L SUPERCONDUCTING CYCLOTRON LAB	CAREER: OPTICAL SINGLE ATOM DETECTION FOR NUCLEAR ASTROPHYSICS
<b>ASC PROV FOR UNIV OUTREACH ENGAGEMENT</b>					
572	\$186,000	US ECONOMIC DEVELOPMENT ADMINISTRATION	Lamore, Rex	OUTREACH AND ENGAGEMENT PARTNERSHIPS	MSU EDA UNIVERSITY CENTER FOR REGIONAL ECONOMIC INNOVATION (REI)
573	\$530,000	MICHIGAN DEPT OF EDUCATION	Wu, Jamie	UNIV OUTREACH AND ENGAGEMENT ADMIN	2023-2024 EVALUATION OF MICHIGAN 21ST CENTURY COMMUNITY LEARNING CENTERS
574	\$299,038	US DEPT OF EDUCATION	Anthony, Stephanie	UPWARD BOUND	UPWARD BOUND
<b>INTERNATIONAL STUDIES AND PROGRAMS</b>					
575	\$320,180	US DEPT OF EDUCATION	Monson, Jamie	AFRICAN STUDIES CENTER	FOREIGN LANGUAGE AND AREA STUDIES FELLOWSHIP PROGRAM (FLAS)
576	\$59,938	US DEPT OF EDUCATION	Ranjan, Rajiv	ASIAN STUDIES CENTER	LCTLS OER COLLABORATIVE: ENHANCING LANGUAGE TEACHING THROUGH OER LANGUAGE TEXTBOOK DEVELOPMENT AND PARTNERSHIPS
577	\$233,147	INST OF INTL EDUCATION	Green, Ashley	INTERNATIONAL STUDIES AND PROGRAMS DEAN	H. HUBERT HUMPHREY FELLOWSHIP PROGRAM
578	\$553,413	US DEPT OF STATE	Wright, Wynne	INTERNATIONAL STUDIES AND PROGRAMS DEAN	FY2023 PROFESSIONAL FELLOWS PROGRAM
<b>MSU AGBIORESEARCH</b>					
579	\$1,063,374	US AGENCY FOR INTL DEVELOPMENT	Buhler, Douglas	ABR DIRECTORS OFFICE	FEED THE FUTURE INNOVATION LAB FOR LEGUME SYSTEMS RESEARCH
580	\$480,000	AGRICULTURAL MARKETING SERVICE	Randall, Jesse	ABR DIRECTORS OFFICE	PURE MAPLE YEAST FOR PURE MAPLE DISTILLATES

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581	\$550,084	NATIONAL INST OF FOOD & AGRICULTURE	Thompson, Paul	DEPARTMENT OF COMMUNITY SUSTAINABILITY	ETHICAL ARCHETYPES FOR TECHNOLOGICAL INNOVATION IN FOOD SYSTEMS
582	\$150,000	US GEOLOGICAL SURVEY	Infante, Dana	FISHERIES AND WILDLIFE MABR	AQUATIC GAP ANALYSIS PROGRAM: ENHANCING A NATIONAL VIEW OF CONSERVATION NEEDS OF FISHES AND THEIR HABITATS
583	\$8,248	UNIVERSITY OF ILLINOIS	Asher, Jeremiah	MSU AGRIORESEARCH 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
584	\$22,000	VARIOUS INDUSTRIES	Bales, Scott	PLANT SOIL AND MICROBIAL SCIENCES	BALES PSM TESTING
585	\$40,200	VARIOUS INDUSTRIES	Burns, Erin	PLANT SOIL AND MICROBIAL SCIENCES	BURNS PSM TESTING
586	\$946,349	NATIONAL INST OF FOOD & AGRICULTURE	Cassida, Kimberly	PLANT SOIL AND MICROBIAL SCIENCES	SOLVING THE MYSTERY OF ALFALFA AUTOTOXICITY: CAUSES AND SOLUTIONS
587	\$121,500	VARIOUS INDUSTRIES	Chilvers, Martin	PLANT SOIL AND MICROBIAL SCIENCES	CHILVERS PSM TESTING
588	\$58,880	VARIOUS INDUSTRIES	Douches, David	PLANT SOIL AND MICROBIAL SCIENCES	DOUCHES PSM TESTING
589	\$124,000	VARIOUS INDUSTRIES	Hausbeck, Mary	PLANT SOIL AND MICROBIAL SCIENCES	HAUSBECK PSM TESTING
590	\$35,000	USDA FOREST SERVICE	Miesel, Jessica	PLANT SOIL AND MICROBIAL SCIENCES	ECOSYSTEM RESILIENCE AND CLIMATE-ADAPTIVE FOREST MANAGEMENT STRATEGIES
591	\$3,952,330	NATIONAL INST OF FOOD & AGRICULTURE	Miles, Timothy	PLANT SOIL AND MICROBIAL SCIENCES	BLUE-DYNAMO: AN INTERACTIVE PLATFORM TO DELIVER BLUEBERRY DISEASE AND HORTICULTURAL MANAGEMENT STRATEGIES FOR FRUIT ROTS
592	\$36,500	VARIOUS INDUSTRIES	Rogers, John	PLANT SOIL AND MICROBIAL SCIENCES	ROGERS PSM TESTING
593	\$146,840	US GEOLOGICAL SURVEY	Asher, Jeremiah	WATER RESEARCH INSTITUTE MABR	IMPROVING ECOSYSTEM SERVICES AND WATER QUALITY THROUGH APPLIED RESEARCH AND TECHNOLOGY ADVANCEMENTS
594	\$37,927	KEWEENAW BAY OJIBWA COMMUNITY COLLEGE	Asher, Jeremiah	WATER RESEARCH INSTITUTE MABR	EXPANDING GROUNDWATER RESEARCH IN BARAGA COUNTY, MICHIGAN: ASSESSING AND REMEDIATING TOXIC METALS IN RESIDENTIAL WELLS
<b>MICHIGAN STATE UNIVERSITY EXTENSION</b>					
595	\$183,840	NATIONAL INST OF FOOD & AGRICULTURE	Bates, Ronald	EXTENSION AGRICULTURE AND AGRIBUSINESS	ASSISTIVE TECHNOLOGY PROGRAM FOR FARMERS WITH DISABILITIES (AGRABILITY)

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596	\$15,000	VALENT BIOSCIENCES CORP	Lavelly, Emily	EXTENSION AGRICULTURE AND AGRIBUSINESS	CHEMICAL PEACH THINNING RESEARCH PROJECT
597	\$201,622	NATIONAL INST OF FOOD & AGRICULTURE	Lizotte, Erin	EXTENSION AGRICULTURE AND AGRIBUSINESS	INCREASING THE ADOPTION OF IPM PRACTICES IN MICHIGAN TO SUPPORT RESILIENT FARMS AND THRIVING COMMUNITIES IN AN EVER-CHANGING WORLD
598	\$16,895	MICHIGAN APPLE COMMITTEE	Shane, William	EXTENSION AGRICULTURE AND AGRIBUSINESS	COORDINATED EVALUATION OF APPLE GERMPLASM FOR THE FRESH AND PROCESSING INDUSTRIES
599	\$102,000	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Tocco, Phillip	EXTENSION AGRICULTURE AND AGRIBUSINESS	PRODUCE SAFETY EDUCATION PROGRAM
600	\$6,245	MICHIGAN 4H FOUNDATION	Schulz, Jodi	EXTENSION CHILDREN AND YOUTH	MICHIGAN 4H FOUNDATION COUNTY PROGRAMS
601	\$129,997	MICHIGAN 4H FOUNDATION	Schulz, Jodi	EXTENSION CHILDREN AND YOUTH	MICHIGAN 4H FOUNDATION COUNTY PROGRAMS
602	\$33,119	US FISH & WILDLIFE SERVICE	Badra, Peter	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	MUSSEL AND MACROINVERTEBRATE COMMUNITY ASSESSMENT BEFORE AND AFTER MUSSEL POPULATION AUGMENTATION
603	\$50,000	USDA FOREST SERVICE	Bassett, Tyler	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	HMNF NATIVE SEED COLLECTION PARTNERSHIP
604	\$168,838	US FISH & WILDLIFE SERVICE	Bassett, Tyler	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	CLIMATE-DRIVEN UNCERTAINTY IN THE SUITABILITY OF GREAT LAKES SHORELINE HABITAT FOR MICHIGAN'S AT-RISK SPECIES
605	\$27,000	MICHIGAN DEPT OF MILITARY & VETERANS AFFAIRS	Cole-Wick, Ashley	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	ASSESSING CLIMATE VULNERABILITY FOR AVIAN SPECIES AT FORT CUSTER TRAINING CENTER
606	\$199,035	NATIONAL INST OF FOOD & AGRICULTURE	Dedecker, James	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	THE MIDWESTERN HEMP RESEARCH COLLABORATIVE: PARTICIPATORY RESEARCH AND EXTENSION TO GROW A SUSTAINABLE HEMP INDUSTRY
607	\$110,500	NATIONAL INST OF FOOD & AGRICULTURE	Ivan, David	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	FEDERALLY RECOGNIZED TRIBES EXTENSION PROGRAM
608	\$31,896	VARIOUS INDUSTRIES	Miller, Steven	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	CEA FEE-FOR-SERVICE

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609	\$99,712	ANIMAL & PLANT HEALTH INSPECTION SERVICE	Ockert, Katie	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	FY23 WILD CERVID CWD MANAGEMENT AND RESP
610	\$17,825	WESTERN UP PLANNING & DEVELOPMENT REGION	Palmer, Abbey	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	BUILDING MOMENTUM TO IMPROVE FARM TO SCHOOL CAPACITY, SMALL FARM VIABILITY, AND HEALTHY LOCAL FOOD ACCESS IN U.P. SCHOOLS
611	\$200,116	BATTLE CREEK UNLIMITED	Woods, Mollie	EXTENSION COMMUNITY FOOD AND ENVIRONMENT	FUTURE FOOD ACCELERATOR
612	\$178,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Contreras, Dawn	EXTENSION HEALTH AND NUTRITION	PHYSICIAN PEER EDUCATION ON IMMUNIZATION
613	\$140,856	MICHIGAN DEPT OF EDUCATION	Earnesty, Dawn	EXTENSION HEALTH AND NUTRITION	TEAM NUTRITION 23 - NUTRITION EDUCATION FOR SCHOOL-AGED CHILDREN
614	\$59,605	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Eschbach, Cheryl	EXTENSION HEALTH AND NUTRITION	MICHIGAN - FARM AND RANCH STRESS ASSISTANCE NETWORK
615	\$81,914	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)
616	\$210,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Moore, Erin	EXTENSION HEALTH AND NUTRITION	FY24 VETERAN SNAP OUTREACH PROGRAM
617	\$9,213,848	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Moore, Erin	EXTENSION HEALTH AND NUTRITION	SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM - EDUCATION FY2024
618	\$1,166,667	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Moore, Erin	EXTENSION HEALTH AND NUTRITION	COVID HEALTH AMBASSADOR
619	\$57,600	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Beyea, Wayne	SCHL OF PLANNING,DESIGN&CNST-MSUE	BUILDING RESILIENCE AGAINST CLIMATE EFFECTS
620	\$143,791	MICHIGAN FITNESS FOUNDATION	Kotval-Karamchandani, Zeenat	SCHL OF PLANNING,DESIGN&CNST-MSUE	SAFE ROUTES TO SCHOOL: 2023
<b>RESEARCH AND INNOVATION</b>					

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621	\$9,838,243	UNIVERSITY OF WISCONSIN MADISON	Thelen, Kurt	GREAT LAKES BIOENERGY RESEARC CTR VPRGS	GREAT LAKES BIOENERGY RESEARCH CENTER
622	\$25,000	UNIVERSITY OF MICHIGAN	Hasemann, Charles	MSU INNOVATION CENTER	T3N(10) - COMMERCIALIZATION FELLOWS
623	\$1,823,839	VARIOUS INDUSTRIES	Hasemann, Charles	MSU INNOVATION CENTER	FEE FOR SERVICE - INDUSTRY
<b>UNIVERSITY ADVANCEMENT</b>					
624	\$17,450,826	VARIOUS DONORS - ADVANCEMENT	Shoup, Anne	ADVANCEMENT INFO SYS DONOR STRATEGY	GIFTS TO MSU FOR THE PERIOD 07/01/2023 TO 09/30/2023
<b>FINANCE</b>					
625	\$6,945,577	VARIOUS GRANTORS	Pedawi, Evonne	SPONSORED PROGRAMS ADMIN CGA POSTAWARD	FEE FOR SERVICE - OTHER
<b>DIVISION OF STUDENT LIFE AND ENGAGEMENT</b>					
626	\$451,379	MICHIGAN COLLEGE ACCESS NETWORK	Shaw, Allyn	SDER ADMIN	MSU COLLEGE ADVISING CORPS WHOSE ACTIVITIES SUPPORT HIGH SCHOOL STUDENTS TO INCREASE POST-SECONDARY EDUCATION OPTIONS
627	\$1,096,847	US DEPT OF EDUCATION	Royal, Genyne	STUDENT PARENT RESOURCE CENTER	SPARTAN KIDS-CHILD CARE ACCESS MEANS PARENTS IN SCHOOL (CCAMPIS)
<b>MSU HCI CLINICAL SERVICES</b>					
628	\$55,000	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Schotzko, Michelle	MSU HCI CLINICAL SERVICES	NURSING RETENTION STRATEGY
<b>UNIVERSITY ARTS AND COLLECTIONS</b>					
629	\$99,958	NATIONAL PARK SERVICE	Stoddart, Judith	ASC PROV UNIVERSITY ARTS AND COLLECTIONS	COLLECTIONS AUDIT AND SUMMARY UPDATE FOR MICHIGAN STATE UNIVERSITY
630	\$10,000	NATIONAL ENDOWMENT FOR THE HUMANITIES	Swanson, Lynne	MUSEUM	PRESERVATION ASSISTANCE GRANTS FOR SMALLER INSTITUTIONS
<b>UNIVERSITY HEALTH AND WELLBEING</b>					
631	\$1,728,687	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Fedewa, Tana	CENTER FOR SURVIVORS	SASRV-2024 - SEXUAL ASSAULT VICTIM SERVICES
632	\$120,000	MICHIGAN HEALTH ENDOWMENT FUND	Turchan, Joshua	COUNSELING AND PSYCHIATRIC SERVICES	CLINICALLY MODERATED PEER-TO-PEER SUPPORT PLATFORM FOR MSU STUDENTS

**Gift, Grant and Contract Report**  
**Board of Trustees**  
**December 2023**

	<b>Amount</b>	<b>Sponsor</b>	<b>Principal Investigator/Director</b>	<b>Unit</b>	<b>Project Title</b>
633	\$251,254	MICHIGAN DEPT OF HEALTH & HUMAN SERVICES	Rosen, Holly	DOMESTIC SHELTER	DOMESTIC VIOLENCE PROGRAMMING
	<b>VARIOUS</b>				
634	\$135,592	VARIOUS	Various	Various	49 CONSOLIDATED GRANTS WITH INDIVIDUAL VALUES OF \$5000 OR LESS. DETAILS ON FILE IN CONTRACT & GRANT ADMINISTRATION
	<b>\$305,728,514</b>	<b>Total December 2023 Board</b>			

CONSIGNMENT/NON-CASH GIFTS  
BOARD OF TRUSTEES  
December 15, 2023

GIFT NO.	GIFT	DONOR	DEPARTMENT NAME	ESTIMATED VALUE	PURPOSE OR USE
1	Bicycle parts & accessories	Matt & Barbara Assenmacher	MSU Bike Shop	\$137,463.00	Items for resale, repair & use within the MSU bike shop.
2	Building materials	James Rosenthal	Intercollegiate Athletics Spartan Fund	\$81,273.53	Lumber for construction of Tom Izzo Football Building.
3	Content, design creation & on-site technology display	Great Lakes Reality Labs	Intercollegiate Athletics Spartan Fund	\$79,520.00	Football recruiting
4	2023 Chrysler Pacifica mini van VIN# 2C4RC3PG7PR500076	Stellantis	Student Involvement & Leadership	\$58,302.00	Additional vehicle for Safe Ride program.
5	Auger filler Model SHA	All-Fill	School of Packaging	\$46,000.00	Provides precise selection & adjustment of fill amounts.
6	Use of 32 courtesy vehicles	Zeigler Auto Group c/o Aaron Zeigler	Intercollegiate Athletics Spartan Fund	\$30,577.91	Folds of Honor College event
7	Furniture, delivery fees & design costs	Mark Custer	Intercollegiate Athletics Spartan Fund	\$23,005.00	Goods & services to the Tom Izzo Football Building
8	Air transportation	Mike McNamara	Intercollegiate Athletics Spartan Fund	\$17,870.76	Men's basketball recruiting
9	Air transportation	Mike McNamara	Intercollegiate Athletics Spartan Fund	\$13,362.27	Men's basketball recruiting
10	Air transportation	Mike McNamara	Intercollegiate Athletics Spartan Fund	\$10,686.54	Men's basketball recruiting

CONSIGNMENT/NON-CASH GIFTS  
BOARD OF TRUSTEES  
December 15, 2023

11	Air transportation	Mike McNamara	Intercollegiate Athletics Spartan Fund	\$10,581.21	Men's basketball recruiting
12	Air transportation	Mike McNamara	Intercollegiate Athletics Spartan Fund	\$10,119.52	Men's basketball recruiting
13	Air transportation	Mike McNamara	Intercollegiate Athletics Spartan Fund	\$8,122.67	Women's basketball recruiting
14	Shipping boxes	Packaging Corporation of America	Intercollegiate Athletics Spartan Fund	\$5,979.50	Donor mailings
15	Cargo trailer	Monte Consulting	MSU Extension	\$5,188.70	Transporting Michigan Fresh Fish educational aquaculture display.
16	"Brookeview Encore" 2-year-old Bay Gelding Equine	Al Tomlinson	Large Animal Sciences	\$5,000.00	Plasma donor
17-34	Various	Various	Various	\$37,323.39	18 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
			<b>TOTAL</b>	<b>\$580,376.00</b>	