

MICHIGAN STATE UNIVERSITY

November 26, 2013

MEMORANDUM

TO: Members of the Board of Trustees

FROM: Stephen Hsu, Vice President 

SUBJECT: Gift, Grant and Contract Report

RECOMMENDATION: That the Board of Trustees approve the attached Gift, Grant and Contract Report for the period of August 28, 2013 through November 26, 2013. The report is a compilation of 798 Gifts, Grants and Contracts plus 89 Consignment/Non-Cash Gifts, with a total value of \$125,063,842.



Office of the
**VICE PRESIDENT
FOR RESEARCH
AND GRADUATE
STUDIES**

Stephen Hsu
Vice President

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FY 2013-14 TOTALS:

a) Gifts, Grants and Contracts only:	\$253,471,030
b) Gifts, Grants and Contracts plus Consignments:	\$254,846,166
(Consignments are Non-Cash Gifts and Non-Cash Loans)	

RESOLUTION:

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

JIG/sb

Current Period / Year to Date

Gift & Grant Awards

Meeting Date: 12/13/2013

AWARD TOTALS

Research			
	08/28/13-11/26/13	13-14	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	\$70,665,195	\$147,166,021	84.5%
State of Michigan	\$3,462,883	\$4,310,638	2.5%
Other	\$2,424,111	\$4,456,601	2.6%
Industry/CO	\$2,113,792	\$3,609,995	2.1%
Foundation	\$8,247,475	\$13,494,488	7.7%
Association	\$736,924	\$1,225,735	0.7%
TOTAL	\$87,650,380	\$174,263,478	100%

Non-Research			
	08/28/13-11/26/13	13-14	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	\$10,334,887	\$23,022,822	29.1%
State of Michigan	\$1,739,811	\$2,020,811	2.6%
Other	\$14,691,594	\$42,759,961	54.1%
Industry/CO	\$2,051,796	\$3,012,448	3.8%
Foundation	\$202,862	\$456,900	0.6%
Association	\$7,751,142	\$7,821,152	9.9%
TOTAL	\$36,772,091	\$79,094,094	100%

Total			
	08/28/13-11/26/13	13-14	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	\$81,000,082	\$170,188,843	67.1%
State of Michigan	\$5,262,802	\$6,391,558	2.5%
Other	\$17,115,705	\$47,221,512	18.6%
Industry/CO	\$4,165,587	\$6,670,842	2.6%
Foundation	\$8,450,337	\$13,951,388	5.5%
Association	\$8,488,066	\$9,046,887	3.6%
TOTAL	\$124,482,579	\$253,471,030	100%

OF AWARDS

Research			
	08/28/13-11/26/13	13-14	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	265	578	52.7%
State of Michigan	38	53	4.8%
Other	49	110	10.0%
Industry/CO	76	140	12.8%
Foundation	47	99	9.0%
Association	45	116	10.6%
TOTAL	520	1096	100%

Non-Research			
	08/28/13-11/26/13	13-14	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	68	125	25.9%
State of Michigan	17	21	4.3%
Other	36	69	14.3%
Industry/CO	139	237	49.1%
Foundation	9	20	4.1%
Association	8	11	2.3%
TOTAL	277	483	100%

Total			
	08/28/13-11/26/13	13-14	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	333	703	44.4%
State of Michigan	56	75	4.7%
Other	85	180	11.4%
Industry/CO	215	380	24.0%
Foundation	56	119	7.5%
Association	53	127	8.0%
TOTAL	798	1584	100%

Current Year / Previous Year

Gift & Grant Awards

Meeting Date: 12/13/2013

AWARD TOTALS

Research			
<u>Gift/Grant Source</u>	<u>06/05/12-11/27/12</u>	<u>05/24/13-11/26/13</u>	<u>% Change</u>
Federal Government	\$101,650,273	\$147,166,021	44.8%
State of Michigan	\$4,717,844	\$4,310,638	-8.6%
Other	\$6,978,095	\$4,456,601	-36.1%
Industry/CO	\$4,532,556	\$3,609,995	-20.4%
Foundation	\$12,894,482	\$13,494,488	4.7%
Association	\$1,709,926	\$1,225,735	-28.3%
TOTAL	\$132,483,177	\$174,263,478	32%

Non-Research			
<u>Gift/Grant Source</u>	<u>06/05/12-11/27/12</u>	<u>05/24/13-11/26/13</u>	<u>% Change</u>
Federal Government	\$19,987,690	\$23,022,822	15.2%
State of Michigan	\$3,085,205	\$2,020,811	-34.5%
Other	\$44,173,814	\$42,759,961	-3.2%
Industry/CO	\$2,204,010	\$3,012,448	36.7%
Foundation	\$49,946,042	\$456,900	-99.1%
Association	\$7,152,310	\$7,821,152	9.4%
TOTAL	\$126,549,071	\$79,094,094	-37%

Total			
<u>Gift/Grant Source</u>	<u>06/05/12-11/27/12</u>	<u>05/24/13-11/26/13</u>	<u>% Change</u>
Federal Government	\$121,637,963	\$170,188,843	39.9%
State of Michigan	\$7,803,050	\$6,391,558	-18.1%
Other	\$51,151,909	\$47,221,512	-7.7%
Industry/CO	\$6,736,566	\$6,670,842	-1.0%
Foundation	\$62,840,525	\$13,951,388	-77.8%
Association	\$8,862,236	\$9,046,887	2.1%
TOTAL	\$259,032,248	\$253,471,030	-2%

OF AWARDS

Research			
<u>Gift/Grant Source</u>	<u>06/05/12-11/27/12</u>	<u>05/24/13-11/26/13</u>	<u>% Change</u>
Federal Government	517	578	11.8%
State of Michigan	49	53	8.2%
Other	109	110	0.9%
Industry/CO	206	140	-32.0%
Foundation	73	99	35.6%
Association	153	116	-24.2%
TOTAL	1107	1096	-1%

Non-Research			
<u>Gift/Grant Source</u>	<u>06/05/12-11/27/12</u>	<u>05/24/13-11/26/13</u>	<u>% Change</u>
Federal Government	140	125	-10.7%
State of Michigan	26	21	-19.2%
Other	68	69	1.5%
Industry/CO	196	237	20.9%
Foundation	31	20	-35.5%
Association	14	11	-21.4%
TOTAL	475	483	2%

Total			
<u>Gift/Grant Source</u>	<u>06/05/12-11/27/12</u>	<u>05/24/13-11/26/13</u>	<u>% Change</u>
Federal Government	657	703	7.0%
State of Michigan	75	75	0.0%
Other	177	180	1.7%
Industry/CO	402	380	-5.5%
Foundation	104	119	14.4%
Association	167	127	-24.0%
TOTAL	1582	1584	0%

Top 10 Awards for the December 13, 2013 BOT Meeting

Rank	Funding Type	Award Amount	First PI	Grantor	Dept	New or Revision	Function	Project Dates	Title
1	Federal Government	\$10,545,630	Walton, Jonathan	ENERGY US DEPT OF	GREAT LAKES BIOENERGY RESEARC CTR VPRGS	New	Research	12/1/2012 11/30/2013	GREAT LAKES BIOENERGY RESEARCH CENTER
2	Association	\$7,000,000	Markle, Barbara	MICH ASSOC OF SCHOOL ADMINISTRATORS	EDUCATION DEAN	Revision	Education	10/1/2013 9/30/2014	COACHING 101 AND SCHOOLWIDE SYSTEM OF SUPPORT - INTERVENTION SPECIALISTS AND DISTRICT IMPROVEMENT FACILITATORS
3	Federal Government	\$3,100,000	Boughton, Duncan	AGENCY FOR INTERNATL DEVELOPMENT	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	New	Research	7/15/2013 7/14/2018	FOOD SECURITY POLICY
4	Federal Government	\$1,997,916	Heisey, Melinda	AGENCY FOR INTERNATL DEVELOPMENT	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	Revision	Research	6/1/2012 5/31/2017	TEGEMEO AGRICULTURAL POLICY RESEARCH AND ANALYSIS II
5	Federal Government	\$1,940,173	Hollingworth, Robert	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	ENTOMOLOGY AGRICULTURE AND NATURAL RES	New	Research	9/1/2013 8/31/2014	NC REGION IR4 MINOR CROP PEST MANAGEMENT
6	Foundation	\$1,940,000	Hsu, Stephen	MSU FOUNDATION	MSU INNOVATION CENTER	New	Research	7/1/2013 6/30/2014	MSU TECHNOLOGIES / MSU INNOVATION CENTER
7	Federal Government	\$1,732,086	Schneider, Barbara	NATIONAL SCIENCE FOUNDATION	EDUCATION DEAN	New	Research	9/15/2013 8/31/2016	FORMING BETTER STEM CAREER TRAJECTORIES: SUSTAINING AND SCALING-UP CAP
8	Federal Government	\$1,593,193	Richmond, Gail	NATIONAL SCIENCE FOUNDATION	TEACHER EDUCATION	Revision	Research	10/1/2013 9/30/2019	MSU SETS-UP: SUPPORTING EARLY-CAREER TEACHERS OF SCIENCE THROUGH URBAN PARTNERSHIPS
9	Foundation	\$1,497,449	Snapp, Sieglinde	Gates, Bill and Melinda Foundation	PLANT SOIL AND MICROBIAL SCIENCES	Revision	Research	10/23/2013 10/31/2015	PERENNIAL GRAIN CROPS FOR AFRICAN SMALLHOLDER FARMING SYSTEMS
10	Federal Government	\$1,490,911	Velie, Ellen	NATL CANCER INSTITUTE -NIH/PHS	EPIDEMIOLOGY AND BIOSTATISTICS	Revision	Research	8/1/2013 7/31/2013	LIFE COURSE ENERGY BALANCE AND BREAST CANCER RISK IN BLACK/WHITE WOMEN UNDER 50
		\$32,837,358							

	Gift, Grant and Contract Report Board Of Trustees December 2013				
	Amount	Donor	Director	Unit	Purpose
	COLLEGE OF AGRICULTURE & NATURAL RESOURCES				
1	\$10,000	MICH TURFGRASS FOUNDATION	Nikolai, Thomas	AGRICULTURAL TECHNOLOGY INSTITUTE	GOLF TURFGRASS MANAGEMENT.
2	\$25,000	TORO COMPANY	Nikolai, Thomas	AGRICULTURAL TECHNOLOGY INSTITUTE	GOLF TURF GRASS MANAGEMENT.
3	\$3,100,000	AGENCY FOR INTERNATL DEVELOPMENT	Boughton, Duncan	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	FOOD SECURITY POLICY
4	\$1,997,916	EGERTON UNIVERSITY NAIROBI KENYA	Heisey, Melinda	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	TEGEMEO AGRICULTURAL POLICY RESEARCH AND ANALYSIS II
5	\$475,792	CENTRO INTL DE AGRICULTURA TROPICAL	Maredia, Mywish	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	USAID INITIATIVE FOR LONG-TERM TRAINING AND CAPACITY BUILDING (UILTCLB) IN MALAWI FY2013
6	\$99,879	US DEPT AGRICULTURE	Ortega, David	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	MARKET POTENTIAL FOR MIDWESTERN PORK IN CHINA
7	\$314,428	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA - DAVIS	Porter, Maria	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	SUPPLYING NEW SORGHUM SEED TO FARMING HOUSEHOLDS IN BURKINA FASO: LEVERAGING SOCIAL NETWORKS TO ENHANCE ADOPTION
8	\$51,737	TETRA TECH INC.	Simpson, Brent	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	WEST AFRICA VULNERABILITY ASSESSMENT COMPONENT TWO TEAM LEAD
9	\$718,779	GATES, BILL AND MELINDA FOUNDATION	Wu, Felicia	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	MYCOTOXINS AS A RISK FACTOR IN CHILDHOOD GROWTH IMPAIRMENT WORLDWIDE
10	\$450,542	ILLINOIS URBANA CHAMPAIGN UNIV OF	Simpson, Brent	AGRICULTURE & NATURAL RESOURCES DEAN	MODERNIZING EXTENSION AND ADVISORY SERVICES
11	\$7,820	FUR COMMISSION USA	Campbell, Dana	ANIMAL SCIENCE DEPARTMENT - ANR	EFFECTS OF ENRICHMENT REMOVAL ON THE BEHAVIORAL WELFARE OF AMERICAN MINK (NEOVISON VISON))
12	\$255,396	NATL INST OF HEALTH - NIH/PHS	Latham, Keith	ANIMAL SCIENCE DEPARTMENT - ANR	NUCLEAR REPROGRAMMING AND PHENOTYPE IN CLONED EMBRYOS - R01
13	\$604,392	ARMY US CORPS OF ENGINEERS	Zwiernik, Matthew	ANIMAL SCIENCE DEPARTMENT - ANR	TECHNICAL SUPPORT FOR OVERSIGHT OF RESOURCE MONITORING PROGRAMS
14	\$15,000	PINE RIVER SUPERFUND CITIZEN TASK FORCE	Zwiernik, Matthew	ANIMAL SCIENCE DEPARTMENT - ANR	WILDLIFE TOXICOLOGY

	Gift, Grant and Contract Report Board Of Trustees December 2013				
	Amount	Donor	Director	Unit	Purpose
15	\$299,915	NATIONAL SCIENCE FOUNDATION	Hodge, David	BIOSYSTEMS & AGRICULTURAL ENGINEERING	UNDERSTANDING AND MODULATION OF INTERFACIAL PROPERTIES WITHIN PLANT CELL WALL PORES TO FACILITATE ENZYMATIC DECONSTRUCTION AND CONVERSION TO BIOFUELS
16	\$380,121	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Jeong, Sanghyup	BIOSYSTEMS & AGRICULTURAL ENGINEERING	UNDERSTANDING BACTERIAL DRY TRANSFER MECHANISM DURING NUT PROCESSING
17	\$39,952	QUANTALUX, LLC	Kirk, Dana	BIOSYSTEMS & AGRICULTURAL ENGINEERING	AN INNOVATIVE PILOT-SCALE ANAEROBIC DIGESTER
18	\$208,043	CONSUMERS ENERGY	Safferman, Steven	BIOSYSTEMS & AGRICULTURAL ENGINEERING	PHASE 2, INTEGRATION OF CONSUMERS ENERGY TRANSMISSION AND ENERGY DEMAND DATA WITH THE MICHIGAN WASTE BIOMASS INVENTORY TO SUPPORT RENEWABLE ENERGY DEVELOPMENT FROM ANAEROBIC DIGESTION
19	\$8,750	SUSTAINABLE ENVIRONMENTAL TECHNOLOGIES, INC	Safferman, Steven	BIOSYSTEMS & AGRICULTURAL ENGINEERING	EFFECTIVENESS OF THE AGIS PROCESS ON FATS, OIL, AND GREASE
20	\$145,986	UNIVERSITY OF HAWAII	Penton, Christopher	CENTER FOR MICROBIAL ECOLOGY - ANR	PRACTICAL BENEFITS OF BIOCHAR AMENDMENT TO AGRICULTURAL SYSTEMS: LINKING SOIL AND MICROBIAL PROCESSES TO ECONOMIC FEASIBILITY AND SUSTAINABILITY
21	\$640,000	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Bartholic, Jon	COMMUNITY, AG, RECREATION & RES STUDIES	AN INTEGRATIVE DECISION SUPPORT SYSTEM FOR MANAGING WATER RESOURCES UNDER INCREASED CLIMATE VARIABILITY
22	\$10,000	MICHIGAN ENVIRONMENTAL COUNCIL	Colasanti, Kathryn	COMMUNITY, AG, RECREATION & RES STUDIES	HEALTHY FOOD IN STATE PARKS RESEARCH PROJECT
23	\$26,500	U S POTATO BOARD	Long, Christopher	CROP AND SOIL SCIENCES	APPLYING POTATO RELATED RESEARCH TO REAL WORLD AGRICULTURE.
24	\$29,179	US DEPT AGRICULTURE	Olson, Eric	CROP AND SOIL SCIENCES	BIOTECHNOLOGY AND WHEAT BREEDING
25	\$499,560	US DEPT AGRICULTURE	Zhang, Wei	CROP AND SOIL SCIENCES	PHYSICOCHEMICAL CONTROLS ON TRANSPORT OF VETERINARY PHARMACEUTICALS AND HORMONES TO SURFACE WATER
26	\$10,000	BAYER CROPS SCIENCE SA-NV	Bird, George	ENTOMOLOGY AGRICULTURE AND NATURAL RES	POTATO NEMATODE CONTROL TESTING

	Gift, Grant and Contract Report Board Of Trustees December 2013				
	Amount	Donor	Director	Unit	Purpose
27	\$8,000	BAYER CROPSCIENCE SA-NV	Bird, George	ENTOMOLOGY AGRICULTURE AND NATURAL RES	SUGAR BEETS CYST NEMATODE CONTROL TESTING
28	\$1,940,173	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Hollingworth, Robert	ENTOMOLOGY AGRICULTURE AND NATURAL RES	NC REGION IR4 MINOR CROP PEST MANAGEMENT
29	\$9,962	NCR-SARE	Isaacs, Rufus	ENTOMOLOGY AGRICULTURE AND NATURAL RES	EFFECTS OF PEST MANAGEMENT AND CONSERVATION PLANTINGS ON BEE COMMUNITIES IN Highbush Blueberry
30	\$21,546	WISCONSIN UNIV OF	Isaacs, Rufus	ENTOMOLOGY AGRICULTURE AND NATURAL RES	DEVELOPING AND DELIVERING SUSTAINABLE SWD MANAGEMENT SOLUTIONS FOR NORTHCENTRAL REGION BERRY GROWERS
31	\$77,913	WISCONSIN UNIV OF	Landis, Douglas	ENTOMOLOGY AGRICULTURE AND NATURAL RES	DEVELOPING SUSTAINABLE PERENNIAL BIOENERGY CROP MANAGEMENT FOR BIRDS AND POLLINATORS: UNDERSTANDING THE INTERACTING EFFECTS OF HARVEST, ON-FARM CONSERVATION REFUGES AND LANDSCAPE CONTEXT
32	\$106,073	USDA - FOREIGN AG SER	Maredia, Karimbhai	ENTOMOLOGY AGRICULTURE AND NATURAL RES	MSU BIOTECHNOLOGY SHORT COURSE, SEPTEMBER 8-20, 2013. PARTICIPANTS FROM ARGENTINA, MEXICO, NICARAGUA, PANAMA, URUGUAY, VENEZUELA
33	\$52,534	USDA - FOREST SERVICE	Miller, James	ENTOMOLOGY AGRICULTURE AND NATURAL RES	DEVELOPMENT AND EVALUATION OF TRAPPING TECHNOLOGIES TO MONITOR ESTABLISHMENT OF NATURAL ENEMIES FOR CONTROL OF THE EMERALD ASH BORER
34	\$28,000	DUPONT AGRICULTURAL PRODUCTS	Mota-Sanchez, David	ENTOMOLOGY AGRICULTURE AND NATURAL RES	DUPONT TESTING AGREEMENT
35	\$34,695	USDA - FOREIGN AG SER	Mota-Sanchez, David	ENTOMOLOGY AGRICULTURE AND NATURAL RES	DEMONSTRATING ECONOMIC IMPACT OF AGRICULTURAL BIOTECHNOLOGY POLICIES IN MEXICO
36	\$11,000	BAYER CROPSCIENCE SA-NV	Smitley, David	ENTOMOLOGY AGRICULTURE AND NATURAL RES	GREENHOUSE PEST MANAGEMENT
37	\$5,400	BAYER CROPSCIENCE SA-NV	Smitley, David	ENTOMOLOGY AGRICULTURE AND NATURAL RES	DEVELOPMENT OF NEW GRUB CONTROL PRODUCTS
38	\$12,100	GOWAN COMPANY	Smitley, David	ENTOMOLOGY AGRICULTURE AND NATURAL RES	PRODUCT DEVELOPMENT RESEARCH FOR WESTERN FLOWER THRIPS

	Gift, Grant and Contract Report Board Of Trustees December 2013				
	Amount	Donor	Director	Unit	Purpose
39	\$7,200	GOWAN COMPANY	Smitley, David	ENTOMOLOGY AGRICULTURE AND NATURAL RES	APHID AND SPIDER MITE PRODUCT DEVELOPMENT
40	\$10,000	MICH TURFGRASS FOUNDATION	Smitley, David	ENTOMOLOGY AGRICULTURE AND NATURAL RES	MICHIGAN TURFGRASS PEST MANAGEMENT
41	\$8,000	SYNGENTA CROP PROTECTION INC	Smitley, David	ENTOMOLOGY AGRICULTURE AND NATURAL RES	GREENHOUSE PEST MANAGEMENT
42	\$7,000	BAYER CROPS SCIENCE SA-NV	Szendrei, Zsolia	ENTOMOLOGY AGRICULTURE AND NATURAL RES	TESTING BAYER PRODUCTS FOR INSECT CONTROL IN POTATOES AND ONIONS
43	\$22,000	DUPONT CROP PROTECTION	Szendrei, Zsolia	ENTOMOLOGY AGRICULTURE AND NATURAL RES	PRODUCT EFFICACY TESTING
44	\$7,000	FREMONT AREA FOUNDATION	Szendrei, Zsolia	ENTOMOLOGY AGRICULTURE AND NATURAL RES	CELERY RESEARCH FOR INTEGRATED INSECT MANAGEMENT
45	\$7,000	LEHIGH AGRI & BIOLOGICAL SERVICES INC.	Szendrei, Zsolia	ENTOMOLOGY AGRICULTURE AND NATURAL RES	VEGETABLE INSECT TESTING
46	\$29,975	MICH ASPARAGUS ADVISORY BOARD	Szendrei, Zsolia	ENTOMOLOGY AGRICULTURE AND NATURAL RES	DEVELOPING AN INTEGRATED PEST MANAGEMENT PROGRAM FOR THE ASPARAGUS MINER IN MICHIGAN
47	\$40,966	US DEPT AGRICULTURE	Szendrei, Zsolia	ENTOMOLOGY AGRICULTURE AND NATURAL RES	MANAGING INSECTICIDE RESISTANCE IN THE COLORADO POTATO BEETLE AND DEVELOPING MANAGEMENT OPTIONS FOR RESISTANT BEETLES
48	\$99,256	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Szendrei, Zsolia	ENTOMOLOGY AGRICULTURE AND NATURAL RES	INTEGRATED INSECT AND WEED MANAGEMENT IN REDUCED TILLAGE CUCURBIT PRODUCTION
49	\$5,418	VESTARON CORPORATION	Szendrei, Zsolia	ENTOMOLOGY AGRICULTURE AND NATURAL RES	NEONICOTINOID-RESISTANT CPB
50	\$10,000	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Ziegler, Amos	ENTOMOLOGY AGRICULTURE AND NATURAL RES	FACILITATING EARLY DETECTION REPORTING OF KEY FOREST PESTS IN MICHIGAN
51	\$180,766	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Abdel-Kariem, Mohammed	FISHERIES & WILDLIFE	DEVELOPMENT AND IMPLEMENTATION OF A FISH HEALTH INITIATIVE FOR MICHIGAN INLAND AND GREAT LAKES FISHERIES
52	\$302,592	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Bence, James	FISHERIES & WILDLIFE	BENCE PERM SALARY AND FRINGE

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	Amount	Donor	Director	Unit	Purpose
53	\$16,711	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Bence, James	FISHERIES & WILDLIFE	QUANTITATIVE SUPPORT FOR INTER-JURISDICTIONAL FISHERIES MANAGEMENT ON THE GREAT LAKES.
54	\$123,761	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Bremigan, Mary	FISHERIES & WILDLIFE	BREMIGAN PERM SALARY AND FRINGE
55	\$63,885	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Bremigan, Mary	FISHERIES & WILDLIFE	DEVELOPMENT OF LAKE SPATIAL INFORMATION AND TOOLS FOR AQUATIC LIFE CONSERVATION
56	\$16,296	ILLINOIS DEPT OF NATURAL RESOURCES	Brenden, Travis	FISHERIES & WILDLIFE	RESEARCH FOR MANAGEMENT OF INTER-JURISDICTIONAL FISHERIES RESOURCES
57	\$47,547	WISCONSIN UNIV OF	Campa, Henry	FISHERIES & WILDLIFE	THE CIRTL NETWORK: 25 RESEARCH UNIVERSITIES PREPARING A NATIONAL FACULTY TO ADVANCE STEM UNDERGRADUATE LEARNING
58	\$147,889	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Hayes, Daniel	FISHERIES & WILDLIFE	HAYES PERM SALARY AND FRINGE
59	\$100,829	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Hayes, Daniel	FISHERIES & WILDLIFE	WALLEYE DYNAMICS IN MICHIGAN'S INLAND WATERWAY: THE BURT-MULLETT-PICKEREL-CROOKED LAKE SYSTEM
60	\$82,770	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Infante, Dana	FISHERIES & WILDLIFE	INFANTE PERM SALARY AND FRINGE
61	\$165,000	UNITED STATES FISH AND WILDLIFE SERVICE	Infante, Dana	FISHERIES & WILDLIFE	NATIONAL ASSESSMENT OF THE STATUS OF FISH HABITATS
62	\$208,000	US GEOLOGICAL SURVEY	Infante, Dana	FISHERIES & WILDLIFE	AQUATIC GAP ANALYSIS PROGRAM: DATA AND APPROACHES FOR CONSERVING THE NATION'S INLAND AND COASTAL AQUATIC ECOSYSTEMS.
63	\$17,270	US GEOLOGICAL SURVEY	Infante, Dana	FISHERIES & WILDLIFE	NOREAST – STREAM TEMPERATURE WEB PORTAL DEMONSTRATION AND APPLICATION.
64	\$63,959	REGENTS OF THE UNIVERSITY OF MICHIGAN	Murphy, Cheryl	FISHERIES & WILDLIFE	CELL-FREE NEUROCHEMICAL SCREENING ASSAYS TO PREDICT ADVERSE EFFECTS IN MAMMALS, FISH, AND BIRDS
65	\$294,666	NATIONAL SCIENCE FOUNDATION	Peacor, Scott	FISHERIES & WILDLIFE	SCALING UP NONCONSUMPTIVE EFFECTS OF PREDATORS: MECHANISMS DRIVING DYNAMICS OVER MULTI-GENERATIONAL TIME SCALES IN COMPLEX COMMUNITIES
66	\$50,011	MICHIGAN UNIVERSITY OF	Rose, Joan	FISHERIES & WILDLIFE	IDENTIFY LAND USE TIPPING POINTS THAT THREATEN GREAT LAKES ECOSYSTEMS

	Gift, Grant and Contract Report Board Of Trustees December 2013				
	Amount	Donor	Director	Unit	Purpose
67	\$299,999	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Rose, Joan	FISHERIES & WILDLIFE	ADVANCING NEXT GENERATION GENOMIC TOOLS FOR DISCOVERY OF THE FOOD MICROBIOME: FROM THE FIELD TO THE STORE.
68	\$163,275	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Roth, Brian	FISHERIES & WILDLIFE	A COMPREHENSIVE PLAN FOR ADDRESSING GAPS IN UNDERSTANDING OF NEAR-SHORE FISH COMMUNITIES IN THE GREAT LAKES - & - ASSESSING GREAT LAKES NEARSHORE FISH HABITAT: EVALUATING RELATIONSHIPS FOR METRIC DEVELOPMENT THROUGHOUT MICHIGAN'S WATERS OF THE GREAT LAKES
69	\$10,000	CARLETON UNIVERSITY	Scribner, Kim	FISHERIES & WILDLIFE	GENOTYPING SERVICES IN SUPPORT OF CARLETON UNIVERSITY PROJECT: PHYLOGEOGRAPHY AND POPULATION GENETICS OF NORTHERN COMMON EIDERS IN THE CANADIAN ARCTIC
70	\$6,000	FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS	Taylor, William	FISHERIES & WILDLIFE	PREPARATIONS FOR A GLOBAL CONFERENCE ON INLAND FISHERIES
71	\$200,000	US GEOLOGICAL SURVEY	Taylor, William	FISHERIES & WILDLIFE	DEVELOPING NEW STRATEGIES FOR THE GLOBAL ASSESSMENT OF INLAND FISHERIES AND PREDICTING THE RESPONSE OF INLAND FISHERIES TO REGIONAL CLIMATE CHANGE
72	\$96,070	US GEOLOGICAL SURVEY	Taylor, William	FISHERIES & WILDLIFE	MEASURING THE ROLE OF ZOOPLANKTON IN THE HURON-ERIE CORRIDOR FOODWEB
73	\$45,375	US GEOLOGICAL SURVEY	Taylor, William	FISHERIES & WILDLIFE	FISHERIES FOOD WEB INDICATORS OF CLIMATE CHANGE IN THE GREAT LAKES
74	\$41,822	GREAT LAKES FISHERY COMMISSION	Wagner, Michael	FISHERIES & WILDLIFE	A FIELD INVESTIGATION OF THE POTENTIAL TO CONTROL SEA LAMPREY THROUGH PHEROMONE-MEDIATED REDISTRIBUTION OF MIGRANTS IN THE GREAT LAKES
75	\$56,999	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Williams, David	FISHERIES & WILDLIFE	ANALYTICAL SUPPORT REFINING BLACK BEAR ABUNDANCE ESTIMATES IN THE NORTHERN LOWER PENINSULA AND ADDRESSING ACTION ITEMS IN MICHIGAN'S BEAR MANAGEMENT PLAN.
76	\$39,000	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Winterstein, Scott	FISHERIES & WILDLIFE	DISTRIBUTION AND ABUNDANCE OF DIVING DUCKS ON LAKE ST.CLAIR, DETROIT RIVER AND WESTERN LAKE ERIE
77	\$53,949	MICHIGAN NUTRITION NETWORK	Hoerr, Sharon	FOOD SCIENCE & HUM NUTRITION ANR	EAT HEALTHY - PARENT GUIDE FOR FEEDING PRESCHOOLERS
78	\$40,000	LANSING REGIONAL SISTER CITIES COMMISSION	Song, Won	FOOD SCIENCE & HUM NUTRITION ANR	ASAN-LANS STUDENT EXCHANGE 2013

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	Amount	Donor	Director	Unit	Purpose
79	\$8,300	PICKLE PACKERS INTERNATIONAL, INC	Grumet, Rebecca	HORTICULTURE - ANR	DEVELOPMENT OF GENETICS STOCKS FOR CUCUMBER FRUIT RESISTANCE TO PHYTOPHTHORA CAPSICI.
80	\$720,000	MICH STATE HOUSING DEVELOPMENT AUTHORITY	Wyckoff, Mark	LAND POLICY INSTITUTE - ANR	MI PLACE INITIATIVE II PROGRAM
81	\$17,345	INTER TRIBAL COUNCIL OF MICH	Henry, Gordon	NATIVE AMERICAN INSTITUTE	HONORING OUR CHILDREN INITIATIVE
82	\$17,473	SAULT STE MARIE TRIBE OF CHIPPEWA INDIAN	Henry, Gordon	NATIVE AMERICAN INSTITUTE	QUALITATIVE EVALUATION OF THE SAULT STE MARIE TRIBE'S STAY PROGRAM
83	\$176,761	BASF CORPORATION	Almenar Rosaleny, Eva	PACKAGING	EXPLORING THE UTILITY OF MOF TECHNOLOGY TO ENHANCE THE SHELF LIFE OF PACKAGED PERISHABLE FOOD AND OTHERS
84	\$38,853	UNIVERSITY OF ZARAGOZA	Almenar Rosaleny, Eva	PACKAGING	A MULTIPHYSICS APPROACH TO OPTIMIZE MODIFIED ATMOSPHERES FOR PACKAGING OF RESPIRING FOOD PRODUCTS (MULTIMAP)
85	\$35,648	SOUTHERN ILLINOIS UNIVERSITY	Chilvers, Martin	PLANT PATHOLOGY ANR	IDENTIFICATION AND BIOLOGY OF SEEDLING PATHOGENS OF SOYBEAN.
86	\$12,000	BAYER CROPS SCIENCE SA-NV	Kirk, William	PLANT PATHOLOGY ANR	MANAGEMENT OF SOIL, SEED AND FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
87	\$7,500	BAYER CROPS SCIENCE SA-NV	Kirk, William	PLANT PATHOLOGY ANR	MANAGEMENT OF SOIL, SEED AND FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
88	\$21,000	DUPONT CROP PROTECTION	Kirk, William	PLANT PATHOLOGY ANR	MANAGEMENT OF SOIL, SEED AND FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
89	\$19,000	GOWAN COMPANY	Kirk, William	PLANT PATHOLOGY ANR	MANAGEMENT OF SOIL, SEED AND FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
90	\$34,363	J.R. SIMPLOT COMPANY	Kirk, William	PLANT PATHOLOGY ANR	MANAGEMENT OF SOIL, SEED AND FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
91	\$7,500	ISK BIOSCIENCES	Schilder, Annemiek	PLANT PATHOLOGY ANR	EPIDEMIOLOGY & INTEGRATED MANAGEMENT OF SMALL FRUIT DISEASES.
92	\$7,000	ISK BIOSCIENCES	Schilder, Annemiek	PLANT PATHOLOGY ANR	EPIDEMIOLOGY & INTEGRATED MANAGEMENT OF SMALL FRUIT DISEASES.
93	\$10,000	MICH TURFGRASS FOUNDATION	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURF GRASS DISEASE.
94	\$6,300	NISSO AMERICA INC.	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURF GRASS DISEASES.
95	\$14,400	QUALI-PRO	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURF GRASS DISEASES.
96	\$18,100	SYNGENTA CROP PROTECTION INC	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURF GRASS DISEASES.

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97	\$16,500	US DEPT AGRICULTURE	Douches, David	PLANT SOIL AND MICROBIAL SCIENCES	DEVELOPING ELITE SETS OF PVY RESISTANT PARENTS FOR REGIONAL MARKET NEEDS IN US POTATO BREEDING PROGRAMS
98	\$10,000	AGRIUM ADVANCED TECHNOLOGIES	Frank, Kevin	PLANT SOIL AND MICROBIAL SCIENCES	TURFGRASS PHYSIOLOGY AND MANAGEMENT WITH EMPHASIS ON SOIL AND PLANT NUTRIENT RELATIONSHIPS, WATER FLUX IN PUTTING GREENS, NUTRIENT FATE, IRRIGATION PROGRAMS.
99	\$29,700	US DEPT AGRICULTURE	Kells, James	PLANT SOIL AND MICROBIAL SCIENCES	ACQUISITION OF GOODS AND SERVICES
100	\$24,079	US DEPT AGRICULTURE	Kells, James	PLANT SOIL AND MICROBIAL SCIENCES	ACQUISITION OF GOODS AND SERVICES
101	\$11,000	US DEPT AGRICULTURE	Kells, James	PLANT SOIL AND MICROBIAL SCIENCES	ACQUISITION OF GOODS AND SERVICES
102	\$10,000	MICH BEAN COMMISSION	Kelly, James	PLANT SOIL AND MICROBIAL SCIENCES	DRY BEAN BREEDING & GENETICS W/ EMPHASIS ON USE OF MOLECULAR MARKERS TO ASSIST FOR YIELD
103	\$10,000	MICH TURFGRASS FOUNDATION	Merewitz, Emily	PLANT SOIL AND MICROBIAL SCIENCES	RESEARCH ON ABIOTIC AND BIOTIC TURFGRASS STRESS TOLERANCE.
104	\$90,000	SCOTTS COMPANY	Merewitz, Emily	PLANT SOIL AND MICROBIAL SCIENCES	CONFIDENTIAL TESTING AND MATERIAL TRANSFER AGREEMENT
105	\$8,000	DOW CHEMICAL CO	Penner, Donald	PLANT SOIL AND MICROBIAL SCIENCES	WEED SCIENCE AND CROP PHYSIOLOGY; HERBICIDE SELECTIVITY, ACTION, AND METABOLISM IN CROPS AND WEEDS.
106	\$5,800	HERBRUCK POULTRY RANCH	Steinke, Kurt	PLANT SOIL AND MICROBIAL SCIENCES	SOIL FERTILITY AND NUTRIENT MANAGEMENT STRATEGIES ACROSS AGRICULTURAL PRODUCTION SYSTEMS.
107	\$15,960	AGRIGENETICS COMPANY	Thelen, Kurt	PLANT SOIL AND MICROBIAL SCIENCES	CORN AND SOYBEAN PRODUCTION SYSTEMS.
108	\$40,000	MINNESOTA UNIV OF	Thelen, Kurt	PLANT SOIL AND MICROBIAL SCIENCES	AGRONOMIC LIMITATIONS OF SOYBEAN YIELD AND SEED QUALITY IN US
109	\$6,850	BASF CORPORATION	Vargas, Joseph	PLANT SOIL AND MICROBIAL SCIENCES	MANAGEMENT OF TURF GRASS DISEASES.
110	\$27,300	BAYER CROPS SCIENCE SA-NV	Vargas, Joseph	PLANT SOIL AND MICROBIAL SCIENCES	MANAGEMENT OF TURF GRASS DISEASE.
111	\$25,200	BAYER CROPS SCIENCE SA-NV	Vargas, Joseph	PLANT SOIL AND MICROBIAL SCIENCES	MANAGEMENT OF TURF GRASS DISEASES.
112	\$14,700	BAYER CROPS SCIENCE SA-NV	Vargas, Joseph	PLANT SOIL AND MICROBIAL SCIENCES	MANAGEMENT OF TURF GRASS DISEASES.
113	\$6,300	SEPRO CORP.	Vargas, Joseph	PLANT SOIL AND MICROBIAL SCIENCES	MANAGEMENT OF TURF GRASS DISEASES.

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114	\$10,000	SYNGENTA CROP PROTECTION INC	Vargas, Joseph	PLANT SOIL AND MICROBIAL SCIENCES	MANAGEMENT OF TURF GRASS DISEASES.
115	\$20,000	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Day, Monica	SCHOOL OF PLANNING,DES,CONSTRUCTION-ANR	DNR-MSU SUSTAINABLE PARK DEVELOPMENT PARTNERSHIP
116	\$10,800	MICHIGAN ECONOMIC DEVELOPMENT CORP	Mrozowski, Timothy	SCHOOL OF PLANNING,DES,CONSTRUCTION-ANR	RENEWABLE ENERGY AND ENERGY EFFICIENCY EDUCATION AND OUTREACH EVENTS PROGRAM PROPOSAL
117	\$44,752	MICHIGAN ENERGY OPTIONS	Strauss, Eric	SCHOOL OF PLANNING,DES,CONSTRUCTION-ANR	HEALTH AND ENERGY IMPACTS TOOL
	COLLEGE OF ARTS AND LETTERS				
118	\$25,148	MICHIGAN DEPARTMENT OF EDUCATION	Swenson, Janet	ARTS & LETTERS DEAN	PROJECT WRITE II (WRITING, READING, INQUIRY & TECHNOLOGY EDUCATION)
119	\$7,417	INST OF INTERNATL EDUCATION	Gass, Susan	LINGUISTICS,GERM,SLAVIC,ASIAN,AFR LANG	ARABIC FLAGSHIP PROGRAM
120	\$12,000	NATL ENDOWMENT FOR THE HUMANITIES	Gifford, Frederick	PHILOSOPHY	DIGITAL ENHANCEMENT & DISSEMINATION: DEVELOPMENT ETHICS: QUESTIONS, CHALLENGES AND RESPONSIBILITIES
121	\$5,500	NATL ENDOWMENT FOR THE HUMANITIES	Gifford, Frederick	PHILOSOPHY	DEVELOPMENT ETHICS: QUESTIONS, CHALLENGES AND RESPONSIBILITIES
122	\$196,759	NATIONAL SCIENCE FOUNDATION	O'Rourke, Michael	PHILOSOPHY	COLLABORATIVE RESEARCH: VALUES AND POLICY IN INTERDISCIPLINARY ENVIRONMENTAL SCIENCE: A DIALOGUE-BASED FRAMEWORK FOR ETHICS EDUCATION
123	\$60,108	OAKLAND SCHOOLS	Grabill, Jeffrey	WRITING, RHETORIC & AMERICAN CULTURE	REVIEW, REVISION, AND WRITING IMPROVEMENT: TEACHER RESEARCH AND PROFESSIONAL LEARNING IN THE CONTEXT OF THE COMMON CORE
	COLLEGE OF COMMUNICATION ARTS AND SCIENCES				
124	\$600,713	NATIONAL SCIENCE FOUNDATION	Lapinski-Lafaive, Maria	COMMUNICATION	IBSS: THE INFLUENCE OF SHORT-TERM FINANCIAL INCENTIVES ON SOCIAL NORMS AND BEHAVIORS
125	\$85,000	MI OFFICE OF HIGHWAY SAFETY PLANNING	Smith, Sandi	COMMUNICATION	OHSP HIGH SCHOOL SAFE DRIVING PROJECT III
126	\$45,335	OREGON UNIVERSITY OF	Dilley, Laura	COMMUNICATIVE SCIENCES & DISORDERS - CAS	ACQUISITION OF TEMPORAL PATTERNS IN CHILD SPEECH AND LANGUAGE

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127	\$216,762	MICHIGAN UNIVERSITY OF	Shrivastav, Rahul	COMMUNICATIVE SCIENCES & DISORDERS - CAS	SEXUAL DIMORPHISM OF NEURAL DEVELOPMENT UNDERLYING CHILDHOOD STUTTERING
128	\$13,953	CLINTON COUNTY RESA	Strong, Katie	COMMUNICATIVE SCIENCES & DISORDERS - CAS	SUPPORTING PRE-SERVICE STUDENTS IN PROVIDING FAMILY-CENTERED SERVICES TO INFANTS AND TODDLERS: A MENTORING PROGRAM FOR SUPERVISING SPEECH-LANGUAGE PATHOLOGISTS
129	\$648,395	NATIONAL SCIENCE FOUNDATION	Larose, Robert	TELECOM, INFORMATION STUDIES & MEDIA	SBE:SMALL:OPTION: ONLINE SAFETY FOR THE AGES: GENERATIONAL DIFFERENCES IN MOTIVATIONS TO USE SECURITY PROTECTIONS IN AN ONLINE BANKING CONTEXT
130	\$75,462	NATIONAL SCIENCE FOUNDATION	ODonnell, Casey	TELECOM, INFORMATION STUDIES & MEDIA	COLLABORATIVE RESEARCH: PLAYFUL EPISTEMIC TECHNOLOGIES, CROWDSOURCING AND THE GAMING OF MOLECULAR BIOLOGY
131	\$8,637	MI DEPT COMMUNITY HEALTH	Pavangadkar, Amol	TELECOM, INFORMATION STUDIES & MEDIA	MERCURY OUTREACH PROJECT
	COLLEGE OF EDUCATION				
132	\$275,774	MI DEPT COMMUNITY HEALTH	Carlson, John	COUNSELING, EDUC PSYCH & SPEC EDUC	WRAPAROUND EVALUATION 2013-2014
133	\$449,520	MICHIGAN DEPARTMENT OF HUMAN SERVICES	Leahy, Michael	COUNSELING, EDUC PSYCH & SPEC EDUC	MICHIGAN REHABILITATION SERVICES PROGRAM EVALUATION
134	\$96,778	WISCONSIN UNIV OF	Leahy, Michael	COUNSELING, EDUC PSYCH & SPEC EDUC	CENTER ON EFFECTIVE VOCATIONAL REHABILITATION SERVICE DELIVERY PRACTICES
135	\$42,559	SALUS UNIVERSITY	Mariage, Troy	COUNSELING, EDUC PSYCH & SPEC EDUC	NATIONAL LEADERSHIP CONSORTIUM IN SENSORY DISABILITIES FELLOWSHIP FOR MICHELLA MAIORANA
136	\$36,520	NATL OFF OF CHINESE LANGUAGE CONCL INTL - HAN BAN	Prawat, Richard	COUNSELING, EDUC PSYCH & SPEC EDUC	ESTABLISHMENT OF THE CONFUCIUS INSTITUTE AT MICHIGAN STATE UNIVERSITY
137	\$560,000	VARIOUS SCHOOLS	Prawat, Richard	COUNSELING, EDUC PSYCH & SPEC EDUC	CONFUCIUS INSTITUTE CHINESE TEACHER CONTRACTS
138	\$360,000	VARIOUS SCHOOLS	Prawat, Richard	COUNSELING, EDUC PSYCH & SPEC EDUC	CONFUCIUS INSTITUTE CHINESE TEACHER CONTRACTS
139	\$34,210	OREGON SOCIAL LEARNING CENTER	Roseth, Cary	COUNSELING, EDUC PSYCH & SPEC EDUC	META-ANALYSIS OF FAMILY-BASED PREVENTION PROGRAMS FOR ADOLESCENT SUBSTANCE ABUSE
140	\$50,000	EPILEPSY FOUNDATION OF AMERICA (ASSN)	Sung, Connie	COUNSELING, EDUC PSYCH & SPEC EDUC	EFFECT OF IMPRESSION MANAGEMENT ON HIREABILITY OF YOUTH WITH EPILEPSY

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141	\$7,000,000	MICH ASSOC OF SCHOOL ADMINISTRATORS	Markle, Barbara	EDUCATION DEAN	COACHING 101 AND SCHOOLWIDE SYSTEM OF SUPPORT - INTERVENTION SPECIALISTS AND DISTRICT IMPROVEMENT FACILITATORS
142	\$620,000	MICH ASSOC OF SCHOOL ADMINISTRATORS	Markle, Barbara	EDUCATION DEAN	COACHING 101 AND SCHOOLWIDE SYSTEM OF SUPPORT - INTERVENTION SPECIALISTS AND DISTRICT IMPROVEMENT FACILITATORS
143	\$36,734	MICH ASSOC OF SCHOOL ADMINISTRATORS	Schneider, Barbara	EDUCATION DEAN	COLLEGE AMBITION PROGRAM (CAP) PLANNING
144	\$1,732,086	NATIONAL SCIENCE FOUNDATION	Schneider, Barbara	EDUCATION DEAN	FORMING BETTER STEM CAREER TRAJECTORIES: SUSTAINING AND SCALING-UP CAP
145	\$25,032	DENVER UNIV OF	Floden, Robert	EDUCATION POLICY CENTER	EARLY CHILDHOOD EDUCATION IN THE CONTEXT OF MATHEMATICS, SCIENCE, AND LITERACY
146	\$56,238	EDUCATIONAL TESTING SERVICE	Floden, Robert	EDUCATION POLICY CENTER	ETS RESEARCH AGREEMENT
147	\$150,994	WISCONSIN UNIV OF	Austin, Ann	EDUCATIONAL ADMINISTRATION	THE CIRTl NETWORK: 25 RESEARCH UNIVERSITIES PREPARING A NATIONAL FACULTY TO ADVANCE STEM UNDERGRADUATE LEARNING
148	\$40,000	SPENCER FOUNDATION	Cooper, Kristy	EDUCATIONAL ADMINISTRATION	UNDERSTANDING THE TEACHER LEADERSHIP PROCESS FOR IMPROVING TEACHING AND LEARNING
149	\$24,435	MICHIGAN UNIVERSITY OF	Krajcik, Joseph	INST FOR RESEARCH ON MATH AND SCIENCE ED	R&D: DEVELOPING AN EMPIRICALLY-TESTED LEARNING PROGRESSION FOR THE TRANSFORMATION OF MATTER TO INFORM CURRICULUM, INSTRUCTION AND ASSESSMENT DESIGN
150	\$345,899	NATIONAL SCIENCE FOUNDATION	Krajcik, Joseph	INST FOR RESEARCH ON MATH AND SCIENCE ED	COLLABORATIVE RESEARCH: DESIGNING ASSESSMENTS IN PHYSICAL SCIENCE FOR THE NEXT GENERATION SCIENCE STANDARDS
151	\$86,003	SRI INTERNATL	Krajcik, Joseph	INST FOR RESEARCH ON MATH AND SCIENCE ED	EFFICACY STUDY OF PROJECT-BASED INQUIRY SCIENCE (PBIS)
152	\$99,316	NATIONAL SCIENCE FOUNDATION	Alonzo, Alicia	TEACHER EDUCATION	CAREER: REDESIGNING A LEARNING PROGRESSION TO BUILD UPON STUDENTS' INTUITIVE IDEAS ABOUT MOTION AND SUPPORT TEACHERS' FORMATIVE ASSESSMENT PRACTICES
153	\$89,543	ROCHESTER UNIV OF	Calabrese Barton, Angela	TEACHER EDUCATION	FULL-SCALE DEVELOPMENT: SCIENCE STARS-NURTURING TRANSFORMATIVE SCIENCE IDENTITIES FOR URBAN MIDDLE SCHOOL GIRLS THROUGH AN INQUIRY-BASED AFTER-SCHOOL PROGRAM

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154	\$40,000	SPENCER FOUNDATION	Ferkany, Matthew	TEACHER EDUCATION	COURAGE, HUMILITY, AND EMPATHY—A STUDY OF THREE VIRTUES OF DEMOCRATIC PARTICIPATION AS GOALS OF CIVIC SCIENCE EDUCATION
155	\$83,321	SRI INTERNATL	Krajcik, Joseph	TEACHER EDUCATION	EFFICACY STUDY OF PROJECT-BASED INQUIRY SCIENCE (PBIS)
156	\$1,593,193	NATIONAL SCIENCE FOUNDATION	Richmond, Gail	TEACHER EDUCATION	MSU SETS-UP: SUPPORTING EARLY-CAREER TEACHERS OF SCIENCE THROUGH URBAN PARTNERSHIPS
157	\$16,682	IOWA UNIV OF	Schwarz, Christina	TEACHER EDUCATION	MODELING HYDROLOGIC SYSTEMS IN ELEMENTARY SCIENCE (MOHSES)
158	\$499,997	NATIONAL SCIENCE FOUNDATION	Schwarz, Christina	TEACHER EDUCATION	IMPROVING SCIENCE TEACHING & LEARNING: STUDYING HOW BEGINNING ELEMENTARY TEACHERS NOTICE AND RESPOND TO STUDENTS' SCIENTIFIC SENSE-MAKING
159	\$93,355	NORTHWESTERN UNIVERSITY	Schwarz, Christina	TEACHER EDUCATION	SUPPORTING SCIENTIFIC PRACTICES IN ELEMENTARY AND MIDDLE SCHOOL CLASSROOMS
160	\$247,393	NATIONAL SCIENCE FOUNDATION	Tatto, Maria	TEACHER EDUCATION	SUPPLEMENT - FIRST INTERNATIONAL MATHEMATICS TEACHER EDUCATION STUDY (TEDS-M)
161	\$50,000	SPENCER FOUNDATION	Wright, Tanya	TEACHER EDUCATION	FOSTERING VOCABULARY INSTRUCTION IN LOW-INCOME KINDERGARTENS THROUGH EDUCATIVE CURRICULAR MATERIALS
	COLLEGE OF ENGINEERING				
162	\$20,000	NORTHWEST MICHIGAN BIODIESEL LLC	Balan, Venkatesh	CHEMICAL ENGINEERING & MATERIALS SCIENCE	CONVERSION OF INDUSTRIAL WASTE TO ETHANOL
163	\$60,000	SHEAR FORM INC	Bieler, Thomas	CHEMICAL ENGINEERING & MATERIALS SCIENCE	SEAMLESS NB TUBES FOR SRF CAVITIES
164	\$180,198	MBI INTERNATL	Dale, Bruce	CHEMICAL ENGINEERING & MATERIALS SCIENCE	PROCESS IMPROVEMENTS TO BIOMASS PRETREATMENT FOR FUELS AND CHEMICALS
165	\$248,840	E3TEC SERVICE, LLC	Kolah, Aspi	CHEMICAL ENGINEERING & MATERIALS SCIENCE	PROCESS INTENSIFICATION BY INTEGRATED REACTION AND DISTILLATION FOR SYNTHESIS OF BIO-RENEWABLE ACID ESTERS
166	\$60,000	PROCTER & GAMBLE CO	Kolah, Aspi	CHEMICAL ENGINEERING & MATERIALS SCIENCE	BIO-BASED PROPIONIC ACID PROJECT

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167	\$86,546	ARMY US DEPT OF	Lira, Carl	CHEMICAL ENGINEERING & MATERIALS SCIENCE	CETANE AND COMPRESSIBILITY OF JP-8/BIOFUEL BLENDS
168	\$153,000	ENERGY US DEPT OF	Lunt, Richard	CHEMICAL ENGINEERING & MATERIALS SCIENCE	QUASIEPITAXIAL GROWTH OF ORGANIC CRYSTALLINE THIN-FILMS
169	\$31,250	OHIO STATE UNIVERSITY	Morelli, Donald	CHEMICAL ENGINEERING & MATERIALS SCIENCE	CRYOGENIC PELTIER COOLING
170	\$50,000	ARMY RESEARCH OFFICE U S	Nicholas, Jason	CHEMICAL ENGINEERING & MATERIALS SCIENCE	STRAIN ENGINEERING DEFECT CONCENTRATIONS IN REDUCED CERIA FOR IMPROVED ELECTRO-CATALYTIC PERFORMANCE
171	\$118,571	NATIONAL SCIENCE FOUNDATION	Nicholas, Jason	CHEMICAL ENGINEERING & MATERIALS SCIENCE	CAREER: STRAIN ENGINEERED MIXED IONIC ELECTRONIC CONDUCTING SOLID OXIDE FUEL CELL ANODE CATALYSTS
172	\$93,000	ARMY RESEARCH OFFICE U S	Sakamoto, Jeff	CHEMICAL ENGINEERING & MATERIALS SCIENCE	CERAMIC ELECTROLYTE MEMBRANE TECHNOLOGY
173	\$222,963	NATL INST OF HEALTH - NIH/PHS	Walton, S. Patrick	CHEMICAL ENGINEERING & MATERIALS SCIENCE	MAXIMIZING SIRNA FUNCTION THROUGH MECHANISM-BASED SEQUENCE AND VEHICLE DESIGN
174	\$192,539	FEDERAL HIGHWAY ADMINISTRATION	Baladi, Gilbert	CIVIL & ENVIRONMENTAL ENGINEERING	PAVEMENT PERFORMANCE MEASURES AND FORECASTING, AND THE EFFECTS OF MAINTENANCE & REHABILITATION STRATEGY ON TREATMENT EFFECTIVENESS
175	\$34,921	MICHIGAN DEPARTMENT OF TRANSPORTATION	Chatti, Karim	CIVIL & ENVIRONMENTAL ENGINEERING	PAVEMENT RESEARCH CENTER OF EXCELLENCE (PRCE)
176	\$1,414,100	TRANSPORTATION US DEPT OF	Chatti, Karim	CIVIL & ENVIRONMENTAL ENGINEERING	CENTER FOR HIGHWAY PAVEMENT PRESERVATION (CHP2)
177	\$69,619	NATIONAL SCIENCE FOUNDATION	Cupples, Alison	CIVIL & ENVIRONMENTAL ENGINEERING	COLLABORATIVE RESEARCH: STABLE ISOTOPE-BASED DIFFERENTIATION OF VINYL CHLORIDE ASSIMILATORS FROM COMETABOLIZERS IN CONTAMINATED GROUNDWATER
178	\$198,655	MI TRANSPORTATION	Kutay, Muhammed	CIVIL & ENVIRONMENTAL ENGINEERING	A METHOD TO ASSESS THE USE OF A NEW AND RECYCLED MATERIALS IN PAVEMENTS
179	\$749,654	TRANSPORTATION US DEPT OF	Lajnef, Nizar	CIVIL & ENVIRONMENTAL ENGINEERING	ULTRA-LOW POWER WIRELESS SENSING SYSTEM FOR MULTI-METRIC SELF-POWERED MONITORING OF BRIDGE COMPONENTS

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180	\$355,842	TRANSPORTATION US DEPT OF	Lajnef, Nizar	CIVIL & ENVIRONMENTAL ENGINEERING	SMART PAVEMENT MONITORING SYSTEM
181	\$148,177	GENERAL ELECTRIC CO	Drzal, Lawrence	COMPOSITE MATERIALS & STRUCTURES CENTER	ADVANCED COMPOSITE TOUGHENING AND COMPONENT MANUFACTURING PROCESS MODELING
182	\$52,181	HYUNDAI MOTOR COMPANY	Drzal, Lawrence	COMPOSITE MATERIALS & STRUCTURES CENTER	GRAPHENE NANOPATELET (GNP) POLYMER NANOCOMPOSITES FOR AUTOMOTIVE FUEL LINE AND FUEL TANKS
183	\$9,000	PPG INDUSTRIES INC	Drzal, Lawrence	COMPOSITE MATERIALS & STRUCTURES CENTER	REMOVAL OF DEFECTS IN GLASSY SUBSTRATES BY UVO
184	\$54,000	NATL INST OF HEALTH - NIH/PHS	Brown, Titus	COMPUTER SCIENCE AND ENGINEERING	ANALYZING NEXT-GENERATION SEQUENCING DATA
185	\$129,128	BAE SYSTEMS INC.	Cheng, Betty	COMPUTER SCIENCE AND ENGINEERING	HARNESSING EVOLUTIONARY COMPUTATION TO SUPPORT SOFTWARE COMPOSITION WITH CODE-LEVEL ADAPTORS
186	\$433,473	NATIONAL SCIENCE FOUNDATION	Cheng, Betty	COMPUTER SCIENCE AND ENGINEERING	COLLABORATIVE RESEARCH: CI-ADDO-EN: RESEARCH RESPOSITORY FOR MODEL-DRIVEN SOFTWARE DEVELOPMENT (REMDD)
187	\$80,000	NATL INST OF STANDARDS & TECHNOLOGY	Jain, Anil	COMPUTER SCIENCE AND ENGINEERING	MEASUREMENT SCIENCE OF BIOMETRICS (PHASE III)
188	\$40,052	NAVAL RESEARCH US OFFICE OF USDN	Jain, Anil	COMPUTER SCIENCE AND ENGINEERING	LEARNING WITH UIIC DATA: FUSION AND COMPLETION OF PARTIAL KERNEL MATRICES
189	\$28,000	WEST VIRGINIA UNIVERSITY	Jain, Anil	COMPUTER SCIENCE AND ENGINEERING	TATTOO SKETCH TO TATTOO IMAGE MATCHING
190	\$100,000	ARMY RESEARCH OFFICE U S	Jin, Rong	COMPUTER SCIENCE AND ENGINEERING	LARGE SCALE IMAGE RETRIEVAL
191	\$10,000	NEC LABORATORIES AMERICA INC	Jin, Rong	COMPUTER SCIENCE AND ENGINEERING	UNRESTRICTED GIFT FOR LARGE-SCALE METRIC LEARNING
192	\$448,789	NATIONAL SCIENCE FOUNDATION	Kulkarni, Sandeep	COMPUTER SCIENCE AND ENGINEERING	TWC: SMALL: AUTOMATIC SOFTWARE MODEL REPAIR FOR SECURITY POLICIES
193	\$445,719	NATIONAL SCIENCE FOUNDATION	Kulkarni, Sandeep	COMPUTER SCIENCE AND ENGINEERING	CPS: BREAKTHROUGH: SCALABLE COMPONENT-BASED MODEL REVISION OF CYBER-PHYSICAL SYSTEMS WITH SEPARATION OF CONCERNS
194	\$455,000	NATIONAL SCIENCE FOUNDATION	Liu, Xiang-Yang	COMPUTER SCIENCE AND ENGINEERING	TWC: SMALL: SEMANTICS AWARE APPROACHES TO AUTOMATED REVERSE ENGINEERING UNKNOWN APPLICATION PROTOCOLS

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	Amount	Donor	Director	Unit	Purpose
195	\$499,999	NATIONAL SCIENCE FOUNDATION	Mutka, Matt	COMPUTER SCIENCE AND ENGINEERING	NETS: SMALL: NETWORKED ROBOTIC GERRIDAE FOR SENSING AND COMMUNICATIONS IN AQUATIC ENVIRONMENTS
196	\$25,000	FORD MOTOR COMPANY FUND	Owen, Charles	COMPUTER SCIENCE AND ENGINEERING	ENERGY AWARENESS AS A TEACHING TOOL FOR HIGH SCHOOL PROGRAMMING COURSES
197	\$210,000	WEST VIRGINIA UNIVERSITY	Ross, Arun	COMPUTER SCIENCE AND ENGINEERING	CROSS-SPECTRAL FACE RECOGNITION: FROM VISIBLE TO INFRARED
198	\$192,746	WEST VIRGINIA UNIVERSITY	Ross, Arun	COMPUTER SCIENCE AND ENGINEERING	IDENTIFYING INDIVIDUALS USING 2-D AND 3-D PATTERNS OF THE EAR
199	\$24,000	WEST VIRGINIA UNIVERSITY	Ross, Arun	COMPUTER SCIENCE AND ENGINEERING	MATCHING IRIS IMAGES AGAINST FACE IMAGES
200	\$12,500	WEST VIRGINIA UNIVERSITY	Ross, Arun	COMPUTER SCIENCE AND ENGINEERING	CLOUD-EMPOWERED MOBILE BIOMETRICS
201	\$50,000	NATIONAL SCIENCE FOUNDATION	Torng, Eric	COMPUTER SCIENCE AND ENGINEERING	EXPLORATORY STUDIES OF NEW AUTOMATA MODELS AND ALGORITHMS FOR TCAM-BASED REGULAR EXPRESSION MATCHING
202	\$83,471	FRAUNHOFER USA	Asmussen, Jes	ELECTRICAL AND COMPUTER ENGINEERING	FRAUNHOFER RESEARCH CENTER FOR COATING AND LASER APPLICATIONS
203	\$14,584	NATIONAL SCIENCE FOUNDATION	Aviyente, Selin	ELECTRICAL AND COMPUTER ENGINEERING	REU SUPPLE TO: CIF: SMALL: A SIGNAL PROCESSING APPROACH TO THE ANALYSIS OF TIME-VARYING FUNCTIONAL NETWORKS OF THE BRAIN
204	\$41,000	GENERAL ELECTRIC CO	Balasubramaniam, Shanker	ELECTRICAL AND COMPUTER ENGINEERING	DISCONTINUOUS MESH CEM DEVELOPMENT
205	\$97,500	NATIONAL SCIENCE FOUNDATION	Li, Wen	ELECTRICAL AND COMPUTER ENGINEERING	IMPLANTABLE THREE-DIMENSIONAL OPTO- μ ECOG INTERFACE FOR NEUROPROTECTION AND RESTORATION OF VISION IN GLAUCOMA
206	\$41,000	GENERAL ELECTRIC CO	Rothwell, Edward	ELECTRICAL AND COMPUTER ENGINEERING	COATING ELECTRICAL PROPERTY CHARACTERIZATION AND CEM DEVELOPMENT
207	\$43,200	UNIVERSAL TECHNOLOGY CORPORATION	Rothwell, Edward	ELECTRICAL AND COMPUTER ENGINEERING	FREE-SPACE CHARACTERIZATION AND ADVANCED APERTURES: SUSPENSE
208	\$41,000	NATIONAL SCIENCE FOUNDATION	Strangas, Elias	ELECTRICAL AND COMPUTER ENGINEERING	GOALI: RELIABILITY ENHANCEMENT OF ELECTRIC DRIVE SYSTEMS THROUGH FAILURE PROGNOSIS AND FAULT MITIGATION

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	Amount	Donor	Director	Unit	Purpose
209	\$36,972	NATIONAL SCIENCE FOUNDATION	Strangas, Elias	ELECTRICAL AND COMPUTER ENGINEERING	GOALI: RELIABILITY ENHANCEMENT OF ELECTRIC DRIVE SYSTEMS THROUGH FAILURE PROGNOSIS AND FAULT MITIGATION
210	\$800,000	NATIONAL SCIENCE FOUNDATION	Tan, Xiaobo	ELECTRICAL AND COMPUTER ENGINEERING	CYBERSEES: TYPE 2: TOWARDS SUSTAINABLE AQUATIC ECOSYSTEMS: A NEW ADAPTIVE SAMPLING AND DATA-ENABLED MONITORING AND MODELING FRAMEWORK
211	\$75,691	NATIONAL SCIENCE FOUNDATION	Tan, Xiaobo	ELECTRICAL AND COMPUTER ENGINEERING	RI: SMALL: COLLABORATIVE RESEARCH: BIO-INSPIRED COLLABORATIVE SENSING WITH NOVEL GLIDING ROBOTIC FISH
212	\$66,723	SPARTAN INNOVATIONS	Tan, Xiaobo	ELECTRICAL AND COMPUTER ENGINEERING	GLIDING ROBOTIC FISH FOR UNDERWATER SENSING
213	\$389,000	UNIVERSAL TECHNOLOGY CORPORATION	Udpa, Lalita	ELECTRICAL AND COMPUTER ENGINEERING	MR SENSING ARRAY DEVELOPMENT
214	\$10,000	NATIONAL SCIENCE FOUNDATION	Verboncoeur, John	ELECTRICAL AND COMPUTER ENGINEERING	CONFERENCE GRANT PROPOSAL FOR 2013 IEEE PPPS
215	\$1,463,031	NATIONAL SCIENCE FOUNDATION	Urban-Lurain, Mark	ENGINEERING DEAN	COLLABORATIVE RESEARCH: EXPANDING A NATIONAL NETWORK FOR AUTOMATED ANALYSIS OF CONSTRUCTED RESPONSE ASSESSMENTS TO REVEAL STUDENT THINKING IN STEM
216	\$260,000	NATIONAL SCIENCE FOUNDATION	Feeny, Brian	MECHANICAL ENGINEERING	COUPLED BLADE-HUB DYNAMICS IN LARGE HORIZONTAL-AXIS WIND TURBINES
217	\$13,038	ETHICON INC	Foss, John	MECHANICAL ENGINEERING	HOT-WIRE MEASUREMENTS
218	\$250,000	ARMY US DEPT OF	Haq, Mahmoodul	MECHANICAL ENGINEERING	HYBRID BONDING OF DISSIMILAR MATERIAL JOINTS
219	\$150,000	ARMY US DEPT OF	Haq, Mahmoodul	MECHANICAL ENGINEERING	MULTI-MATERIAL JOINING: ADHESIVELY BONDED PI/T-JOINTS
220	\$125,000	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Kwon, Patrick	MECHANICAL ENGINEERING	DEVELOPMENT OF NEW GENERATION OF PERSPIRABLE SKIN
221	\$19,461	BAE SYSTEMS INC.	Pourboghrat, Farhang	MECHANICAL ENGINEERING	THERMO-HYDROFORMING OF THERMOPLASTIC HELMETS
222	\$99,028	BENTELER AUTOMOTIVE CORPORATION	Schock, Harold	MECHANICAL ENGINEERING	TESTING: THERMAL HEAT EXCHANGER DEVICES (ROUND TWO)
223	\$93,425	BENTELER AUTOMOTIVE CORPORATION	Schock, Harold	MECHANICAL ENGINEERING	TESTING: THERMAL HEAT EXCHANGER DEVICES (ROUND THREE)

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224	\$736,291	CHRYSLER CORPORATION	Schock, Harold	MECHANICAL ENGINEERING	DESIGN, CONSTRUCTION AND DEMONSTRATION OF A SINGLE-CYLINDER OPTICAL ENGINE AND A COMPREHENSIVE PROGRAM FOR CHARACTERIZING FUEL-AIR MIXING AND COMBUSTION EVENTS OVER A WIDE RANGE OF SPEEDS AND LOADS FOR CHRYSLER ENGINES
225	\$50,000	DENSO FOUNDATION	Toulson, Elisa	MECHANICAL ENGINEERING	STUDY OF ADVANCED IGNITION SYSTEMS FOR INTERNAL COMBUSTION ENGINES
226	\$435,899	NATIONAL SCIENCE FOUNDATION	Toulson, Elisa	MECHANICAL ENGINEERING	NSF/DOE PARTNERSHIP ON ADVANCED COMBUSTION ENGINES- MODELING AND EXPERIMENTAL STUDIES OF CONTROLLABLE CAVITY TURBULENT JET IGNITION SYSTEMS
	COLLEGE OF HUMAN MEDICINE				
227	\$27,190	SAINT MARY'S HEALTH CARE	Dwyer, Jeffrey	CHM WEST MICHIGAN	MSU - ST. MARY'S TRANSLATIONAL HEALTH IN GRAND RAPIDS
228	\$500,000	VAN ANDEL RESEARCH INSTITUTE	Holmes, Denise	CHM WEST MICHIGAN	MSU - VAN ANDEL TRANSLATIONAL HEALTH RESEARCH IN GRAND RAPIDS
229	\$60,087	MICHIGAN UNIVERSITY OF	Kelly-Blake, Karen	CTR FOR ETH & HUMANIT IN THE LIFE SCI	DECISION AID TO TECHNOLOGICALLY ENHANCE SHARED DECISION MAKING (DATES)
230	\$798,017	NATL INST OF HEALTH - NIH/PHS	Holzman, Claudia	EPIDEMIOLOGY AND BIOSTATISTICS	PRETERM DELIVERY AND MATERNAL CARDIOVASCULAR DISEASE RISK
231	\$62,963	BOSTON MEDICAL CENTER	Lenski, Madeleine	EPIDEMIOLOGY AND BIOSTATISTICS	NEONATAL BIOMARKERS IN EXTREMITY PRETERM BABIES PREDICT CHILDHOOD BRAIN DISORDERS
232	\$9,099	MI DEPT COMMUNITY HEALTH	Reeves, Mathew	EPIDEMIOLOGY AND BIOSTATISTICS	MICHIGAN STROKE REGISTRY CONSULTATION PROJECT
233	\$9,516	VETERANS ADMINISTRATION	Reeves, Mathew	EPIDEMIOLOGY AND BIOSTATISTICS	QUALITY OF CARE VETERANS WITH TIA AND MINOR STROKE
234	\$1,490,911	NATL CANCER INSTITUTE -NIH/PHS	Velie, Ellen	EPIDEMIOLOGY AND BIOSTATISTICS	LIFE COURSE ENERGY BALANCE AND BREAST CANCER RISK IN BLACK/WHITE WOMEN UNDER 50
235	\$91,903	MI DEPT COMMUNITY HEALTH	Wirth, Julia	EPIDEMIOLOGY AND BIOSTATISTICS	CLIMATE CHANGE
236	\$62,081	MI DEPT COMMUNITY HEALTH	Wirth, Julia	EPIDEMIOLOGY AND BIOSTATISTICS	GLRI BIOMONITORING
237	\$9,024	MI DEPT COMMUNITY HEALTH	Wirth, Julia	EPIDEMIOLOGY AND BIOSTATISTICS	GLRI BIOMONITORING

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238	\$8,157	PITTSBURGH UNIVERSITY OF	Given, Charles	FAMILY MEDICINE, DEPARTMENT OF	SMARTCARE: INNOVATIONS IN CAREGIVING INTERVENTIONS
239	\$269,391	AGENCY FOR HEALTHCARE RSCH & QUAL -PHS	Holtrop, Jodi	FAMILY MEDICINE, DEPARTMENT OF	A COMPARISON OF PROVIDER VERSUS HEALTH PLAN DELIVERED CARE MANAGEMENT IN MICHIGAN
240	\$509,854	MI DEPT COMMUNITY HEALTH	Corser, William	HEALTH CARE STUDIES, INSTITUTE FOR CHM	HIT RESOURCE CENTER
241	\$144,810	MI DEPT COMMUNITY HEALTH	Given, Charles	HEALTH CARE STUDIES, INSTITUTE FOR CHM	TRANSLATING EVIDENCE INTO DEMONSTRATIONS
242	\$76,750	NATL INST OF HEALTH - NIH/PHS	Given, Charles	HEALTH CARE STUDIES, INSTITUTE FOR CHM	IMPACT OF POST HOSPITAL CARE ON OUTCOMES FOR DUALY ELIGIBLE PATIENTS
243	\$237,109	MI DEPT COMMUNITY HEALTH	Oberst, Kathleen	HEALTH CARE STUDIES, INSTITUTE FOR CHM	ADULT MEDICAID QUALITY GRANT: MEASURING AND IMPROVING THE QUALITY OF CARE IN MEDICAID
244	\$9,651	NATL INST OF HEALTH - NIH/PHS	Crockett-Torabi, Elahe	HUMAN MEDICINE DEAN	RESEARCH EDUCATION PROGRAM TO INCREASE DIVERSITY IN HEALTH-RELATED RESEARCH
245	\$28,620	JANSSEN R + D INC	Dmello, Dale	HUMAN MEDICINE DEAN	R092670PSY 3011: A RANDOMIZED, MULTICENTER, DOUBLE-BLIND, NON-INFERIORITY STUDY OF PALIPERIDONE PALMITATE 3 MONTH AND 1 MONTH FORMULATIONS FOR THE TREATMENT OF SUBJECTS WITH SCHIZOPHRENIA
246	\$439,088	HEALTH RESOURCES & SERVICES ADMIN -PHS	Dwyer, Jeffrey	HUMAN MEDICINE DEAN	GERIATRIC EDUCATION CENTER OF MICHIGAN (CONTINUATION)
247	\$50,000	MI DEPT COMMUNITY HEALTH	Ilardo, Joan	HUMAN MEDICINE DEAN	ANALYSIS OF CURRENT IMPLEMENTATION, SUSTAINABILITY AND POTENTIAL EXPANSION OF MICHIGAN ON THE PATH
248	\$133,319	HEALTH RESOURCES & SERVICES ADMIN -PHS	Smith, Robert	HUMAN MEDICINE DEAN	A MENTAL HEALTH CURRICULUM FOR RESIDENTS
249	\$7,000	AMGEN INC	Abela, George	MEDICINE	A DOUBLE-BLIND, RANDOMIZED, PLACEBO-CONTROLLED, MULTICENTER STUDY ASSESSING THE IMPACT OF ADDITIONAL LDL-CHOLESTEROL REDUCTION ON MAJOR CARDIOVASCULAR EVENTS WHEN AMG 145 IS USED IN COMBINATION WITH STATIN THERAPY IN PATIENTS WITH CLINICALLY EVIDENT CARDIOVASCULAR DISEASE

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	Amount	Donor	Director	Unit	Purpose
250	\$5,550	LILLY ELI - COMPANY	Hrinczenko, Borys	MEDICINE	ELI LILLY I4X-MC-JFCL(A): A RANDOMIZED, MULTICENTER, OPEN-LABEL, PHASE 2 STUDY OF PACLITAXEL-CARBOPLATIN CHEMOTHERAPY PLUS NECITUMUMAB (IMC-11F8) VERSUS PACLITAXEL-CARBOPLATIN CHEMOTHERAPY ALONE IN FIRST-LINE TREATMENT OF PATIENTS WITH STAGE IV SQUAMOUS NON-SMALL CELL LUNG CANCER (NSCLC)
251	\$60,000	HEMOPHILIA FOUNDATION OF MICHIGAN	Penner, John	MEDICINE	MCHB GRANT
252	\$280,074	NATL INST OF HEALTH - NIH/PHS	Yu, Kefei	MICROBIOLOGY & MOLECULAR GENETICS CHM	TARGETED DNA CLEAVAGE AT SWITCH REGIONS IN IMMUNOGLOBULIN CLASS SWITCH RECOMBINATION
253	\$12,686	WYETH PHARMACEUTICALS INC	Bozoki, Andrea	NEUROLOGY & OPHTHALMOLOGY CHM	A PHASE 3 EXTENSION, MULTICENTER, LONG-TERM SAFETY AND TOLERABILITY TRIAL OF BAPINEUZUMAB (AAB-001, ELN115727) IN SUBJECTS WITH ALZHEIMER DISEASE WHO ARE APOLIPOPROTEIN E Å4 CARRIERS AND PARTICIPATED IN STUDY 3133K1-3001-US
254	\$12,500	WYETH PHARMACEUTICALS INC	Bozoki, Andrea	NEUROLOGY & OPHTHALMOLOGY CHM	A PHASE 3, MULTICENTER, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PARALLEL-GROUP EFFICACY AND SAFETY TRAIL OF BAPINE
255	\$238,679	NORTHWESTERN UNIVERSITY	Fazleabas, Asgerally	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	ENDOMETRIOSIS AND RETINOIDS
256	\$62,944	BOSTON UNIVERSITY	Luke, Barbara	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	CHILD HEALTH AFTER ASSISTED REPRODUCTIVE TECHNOLOGY: A POPULATION BASED STUDY
257	\$62,539	BOSTON UNIVERSITY	Luke, Barbara	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	WOMEN'S HEALTH AFTER ASSISTED REPRODUCTIVE TECHNOLOGY: A POPULATION BASED STUDY
258	\$51,000	HENRY M. JACKSON FOUNDATION FOR ADVANCEMENT OF MILITARY MEDICINE	Risinger, John	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	GYNECOLOGIC CANCER TRANLATIONAL RESEARCH CENTER OF EXCELLENCE
259	\$383,750	NATL INST OF HEALTH - NIH/PHS	Teixeira, Jose	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	UTERINE LEIOMYOMA DEVELOPMENT IN MOUSE MODELS
260	\$380,489	NATL INST OF HEALTH - NIH/PHS	Teixeira, Jose	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	ENDOCRINE DISRUPTION OF MYOMETRIAL STEM CELL ACTIVITIES

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261	\$9,656	BIOGEN INC	Kulkarni, Roshni	PEDIATRICS AND HUMAN DEVELOPMENT	A-LONG: AN OPEN-LABEL, MULTICENTER EVALUATION OF THE SAFETY, PHARMACOKINETICS, AND EFFICACY OF RECOMBINANT FACTOR VIII FC FUSION PROTEIN (RFVIII FC) IN THE PREVENTION AND TREATMENT OF BLEEDING IN PREVIOUSLY TREATED SUBJECTS WITH SEVERE HEMOPHILIA A
262	\$6,774	BIOGEN INC	Kulkarni, Roshni	PEDIATRICS AND HUMAN DEVELOPMENT	B LONG KIDS: AN OPEN-LABEL, MULTICENTER EVALUATION OF SAFETY, PHARMACOKINETICS, AND EFFICACY OF RECOMBINANT COAGULATION FACTOR IX FC FUSION PROTEIN, BIIB029, IN THE PREVENTION AND TREATMENT OF BLEEDING EPISODES IN PEDIATRIC SUBJECTS WITH HEMOPHILIA B
263	\$6,000	HEMOPHILIA CENTER OF WESTERN PENNSYLVANIA	Kulkarni, Roshni	PEDIATRICS AND HUMAN DEVELOPMENT	VALIDATION STUDY OF THE COMPOSITE SCORE TO IDENTIFY VWD IN CHILDREN
264	\$5,600	MI DEPT COMMUNITY HEALTH	Kulkarni, Roshni	PEDIATRICS AND HUMAN DEVELOPMENT	HEMATOLOGY-SICKLE CELL CLINIC
265	\$28,130	CYSTIC FIBROSIS FOUND	Pangan, Melissa	PEDIATRICS AND HUMAN DEVELOPMENT	2013-2014 CYSTIC FIBROSIS CENTER AND ACCREDITATION FUNDING
266	\$500,000	NATL INST OF HEALTH - NIH/PHS	Haywood II, Joseph	PHARMACOLOGY & TOXICOLOGY HUMAN MEDICINE	MSU CLINICAL CENTER ANIMAL FACILITY HVAC UPGRADE
267	\$210,900	NATL INST OF HEALTH - NIH/PHS	Parameswaran, Narayanan	PHYSIOLOGY/HUMAN PATHOLOGY - CHM	GPCR KINASE-5 IN INFLAMMATORY BOWEL DISEASE
268	\$1,093,530	NATL INST OF HEALTH - NIH/PHS	Collier, Timothy	TRANSLATION SCIENCE & MOLECULAR MED	AGING AND PARKINSON'S DISEASE: MODELS OF THERAPEUTICS AND NEUROLOGIC CO MORBIDITY
269	\$60,355	STATEGICS, INC	Collier, Timothy	TRANSLATION SCIENCE & MOLECULAR MED	PRECLINICAL EVALUATION OF NEUROPROTECTIVE SMALL MOLECULE ERYTHROPOIETIN RECEPTOR AGONISTS IN THE TREATMENT OF PARKINSON'S DISEASE
270	\$250,000	BRIGHT FOCUS FOUNDATION	Lipton, Jack	TRANSLATION SCIENCE & MOLECULAR MED	TAU OLIGOMERS AND THEIR POTENTIAL ROLE IN TOXICITY LEADING TO ALZHEIMER'S DISEASE
271	\$50,000	ST MARYS HOSPITAL GRAND RAPIDS	Paumier, Katrina	TRANSLATION SCIENCE & MOLECULAR MED	UNDERSTANDING THE ROLE OF ALPHA-SYNUCLEIN PROPAGATION AS IT RELATES TO NEURODEGENERATION IN PARKINSON'S DISEASE
272	\$20,000	AMERICAN EPILEPSY SOCIETY	Strauss, Kenneth	TRANSLATION SCIENCE & MOLECULAR MED	CYTOKINE LEVELS IN RESECTED EPILEPTIC BRAIN

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	JAMES MADISON COLLEGE				
273	\$250,000	MILLENNIUM CHALLENGE CORP	Graham, Norman	JAMES MADISON COLLEGE DEAN	CAPACITY BUILDING AND ESTABLISHING BACHELOR DEGREE PROGRAMS IN SCIENCE, TECHNOLOGY, ENGINEERING AND MATH HIGHER EDUCATION IN GEORGIA
	LYMAN BRIGGS COLLEGE				
274	\$25,000	DISNEY WORLDWIDE CONSERVATION FUND	Urquhart, Gerald	LYMAN BRIGGS DEAN	NICARAGUA BAIRD'S TAPIR CONSERVATION INITIATIVE
	COLLEGE OF NATURAL SCIENCE				
275	\$705,854	NATIONAL SCIENCE FOUNDATION	Feig, Michael	BIOCHEMISTRY & MOLECULAR BIOLOGY CNS	CELLULAR CROWDING EFFECTS ON BIOMOLECULAR STABILITY AND DYNAMICS
276	\$273,881	NATL INST OF HEALTH - NIH/PHS	Feig, Michael	BIOCHEMISTRY & MOLECULAR BIOLOGY CNS	MULTISCALE MODELING OF SUPRAMOLECULAR PROTEIN-DNA ASSEMBLIES
277	\$160,000	ENERGY US DEPT OF	Beck, Warren	CHEMISTRY	ENERGY TRANSFER AND RADIATIONLESS DECAY IN LIGHT-HARVESTING PROTEINS
278	\$160,000	ENERGY US DEPT OF	Bruening, Merlin	CHEMISTRY	ELECTRICALLY DRIVEN ION SEPARATIONS IN PERMEABLE MEMBRANES
279	\$275,000	NATIONAL SCIENCE FOUNDATION	Bruening, Merlin	CHEMISTRY	EXPLORATION OF MEMBRANE-BASED PROTEOLYTIC DIGESTION FOR STUDIES OF PROTEIN STRUCTURE AND PHOSPHORYLATION
280	\$500,000	ASSOCIATION OF AMERICAN UNIVERSITIES	Cooper, Melanie	CHEMISTRY	CREATING A COHERENT STEM GATEWAY
281	\$16,577	NATIONAL SCIENCE FOUNDATION	Cooper, Melanie	CHEMISTRY	CHEMISTRY AND THE LOGIC OF LIFE: A RESEARCH-BASED, INTEGRATED GENERAL CHEMISTRY CURRICULUM
282	\$39,226	NORTH CAROLINA UNIV OF	Cooper, Melanie	CHEMISTRY	URESOND: AN INTERACTIVE PERSONAL RESPONSE SYSTEM
283	\$85,590	NORTH CAROLINA UNIV OF	Huang, Xuefei	CHEMISTRY	UNCOVERING THE CONTROLLING MECHANISMS IN HEPARAN SULFATE BIOSYNTHESIS
284	\$140,000	NATIONAL SCIENCE FOUNDATION	Hunt, Katharine	CHEMISTRY	THEORY AND SIMULATION OF DYE-LABELED PROTEIN MOLECULES IN OPTICAL FIELDS
285	\$45,000	POWDERMET, INC	Jackson, James	CHEMISTRY	SYNTHESIS OF A MG2+ FAST ION CONDUCTOR
286	\$30,000	POWDERMET, INC	Jackson, James	CHEMISTRY	LIQUID CARRIER TECHNOLOGY FOR HYDROGEN STORAGE OR DELIVERY
287	\$219,891	NATL INST OF HEALTH - NIH/PHS	Spence, Dana	CHEMISTRY	MODULAR MICROFLUIDICS AS AN ENHANCED BIOANALYTICAL TOOL

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288	\$70,000	SPARTAN INNOVATIONS	Spence, Dana	CHEMISTRY	CONTROLLED AND CONTINUOUS FEEDING OF STORED RED BLOOD CELLS FOR IMPROVED TRANSFUSION OUTCOMES: AN 8-MONTH PROJECT PLAN
289	\$32,500	HIGGINS LAKE FOUNDATION	Hyndman, David	GEOLOGICAL SCIENCES	INVESTIGATING THE INFLUENCES OF SEPTIC SYSTEMS ON NEAR-SHORE WATER QUALITY AND SWIMMER'S ITCH IN HIGGINS LAKE, MI
290	\$35,384	MICHIGAN UNIVERSITY OF	Hyndman, David	GEOLOGICAL SCIENCES	QUANTIFYING THE IMPACTS OF PROJECTED CLIMATE CHANGES ON THE GRAND TRAVERSE BAY REGION: AN ADAPTIVE MANAGEMENT FRAMEWORK
291	\$20,000	NATL SECURITY AGENCY	Iwen, Mark	MATHEMATICS	MULTISCALE GEOMETRIC DENSITY ESTIMATION FOR HIGH-DIMENSIONAL DATA
292	\$225,625	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Ong, Benjamin	MATHEMATICS	FAULT TOLERANT PARADIGMS
293	\$194,717	NATIONAL SCIENCE FOUNDATION	Sikorskii, Pavel	MATHEMATICS	TRANSFORMING DEVELOPMENTAL MATHEMATICS EDUCATION IN PARTNERSHIP WITH TEACHER PREPARATION
294	\$121,105	NATIONAL SCIENCE FOUNDATION	Wang, Zhenqi	MATHEMATICS	RIGIDITY OF ABELIAN ACTIONS
295	\$1,016,489	NATIONAL SCIENCE FOUNDATION	Wei, Guowei	MATHEMATICS	III: MEDIUM: GEOMETRIC AND TOPOLOGICAL APPROACHES TO BIOMOLECULAR STRUCTURE AND DYNAMICS
296	\$47,658	AURORA SPECIALTY CHEMISTRIES	Marsh, Terence	MICROBIOLOGY & MOLECULAR GENETICS CNS	ISOLATION AND OPTIMIZATION OF NITRILE HYDRATASE FOR COMMERCIAL PRODUCTION
297	\$250,000	MONASH UNIVERSITY	Xi, Zhiyong	MICROBIOLOGY & MOLECULAR GENETICS CNS	MODIFYING MOSQUITO POPULATON AGE STRUCTURE TO ELIMINATE DENGUE TRANSMISSION
298	\$33,231	NATL INST OF HEALTH - NIH/PHS	Lonstein, Joseph	NEUROSCIENCE PROGRAM	CELL PROLIFERATION AND SURVIVAL IN THE MATERNAL DORSAL RAPHE
299	\$225,000	WHITEHALL FOUNDATION	Robison, Alfred	NEUROSCIENCE PROGRAM	TRANSCRIPTIONAL MECHANISMS OF MEMORY FORMATION
300	\$340,139	NATL INST OF HEALTH - NIH/PHS	Wang, Hongbing	NEUROSCIENCE PROGRAM	CONNECTING MGLUR AND CAMP SIGNALING IN THE PRE-CLINICAL MODEL OF FRAGILE X
301	\$10,000	REETHS PUFFER EDUCATION, INC.	Wang, Hongbing	NEUROSCIENCE PROGRAM	RESEARCH ON FRAGILE X SYNDROME
302	\$35,000	NORTHROP GRUMMAN CORP	Birge, Norman	PHYSICS-ASTRONOMY	2013 NCTA GRENDAL PROGRAM
303	\$91,000	BROOKHAVEN NATL LABORATORY	Brock, Raymond	PHYSICS-ASTRONOMY	THE U.S. ATLAS OPERATIONS PROGRAM TIER-2 PROJECT

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304	\$1,430,000	NATIONAL SCIENCE FOUNDATION	Brock, Raymond	PHYSICS-ASTRONOMY	INVESTIGATIONS IN ELEMENTARY PARTICLE PHYSICS AND PARTICLE ASTROPHYSICS
305	\$144,364	NATIONAL SCIENCE FOUNDATION	Chivukula, R	PHYSICS-ASTRONOMY	QCD, ELECTROWEAK SYMMETRY BREAKING, AND PHYSICS BEYOND THE STANDARD MODEL
306	\$10,000	NATIONAL SCIENCE FOUNDATION	Huston, Joey	PHYSICS-ASTRONOMY	CTEQ SUMMER SCHOOL FUNDING
307	\$231,428	NATIONAL SCIENCE FOUNDATION	Lapidus, Lisa	PHYSICS-ASTRONOMY	INVESTIGATIONS OF COMPLEXITY IN THE EARLY STEPS OF PROTEIN FOLDING
308	\$341,691	NATIONAL SCIENCE FOUNDATION	McGuire, John	PHYSICS-ASTRONOMY	CAREER: ULTRAFAST AND MULTIDIMENSIONAL VIBRATIONAL SPECTROSCOPY OF AQUEOUS INTERFACES
309	\$40,000	NATL AERONAUTICS AND SPACE ADM	OShea, Brian	PHYSICS-ASTRONOMY	MODELING MULTI-WAVELENGTH OBSERVATIONS OF GALAXY CLUSTERS WITH ADAPTIVE MESH REFINEMENT COSMOLOGICAL SIMULATIONS
310	\$21,561	SPACE TELESCOPE SCIENCE INSTITUTE	OShea, Brian	PHYSICS-ASTRONOMY	UNLOCKING THE SECRETS OF ABSORPTION LINE COMPLEXES IN THE INTERGALACTIC MEDIUM
311	\$268,339	NATIONAL SCIENCE FOUNDATION	Strader, Jay	PHYSICS-ASTRONOMY	BLACK HOLES IN GLOBULAR CLUSTERS
312	\$135,099	NORTHEASTERN UNIV	Tomanek, David	PHYSICS-ASTRONOMY	NSEC: CENTER FOR HIGH-RATE NANOMANUFACTURING
313	\$270,000	NATIONAL SCIENCE FOUNDATION	Yuan, Chien-Peng	PHYSICS-ASTRONOMY	GLOBAL QCD ANALYSIS AND ELECTROWEAK SYMMETRY BREAKING IN HIGH ENERGY COLLIDER PHENOMENOLOGY
314	\$1,413,161	NATIONAL SCIENCE FOUNDATION	Buell, Carol	PLANT BIOLOGY CNS	UNRAVELING THE HETEROZYGOSITY, ALLELIC COMPOSITION, AND COPY NUMBER VARIATION OF POTATO
315	\$107,887	DUKE UNIVERSITY	Conner, Jeffrey	PLANT BIOLOGY CNS	SYNTHESIZING DATA ON NATURAL SELECTION AND GENETICS ACROSS MULTIPLE SCALES
316	\$969,929	NATIONAL SCIENCE FOUNDATION	Friesen, Maren	PLANT BIOLOGY CNS	DIMENSIONS: COLLABORATIVE RESEARCH: SYMBIONT AND TRANSCRIPTOMIC NICHE DIMENSIONS OF LONG-TERM COEXISTENCE IN TRIFOLIUM COMMUNITIES
317	\$599,112	NATIONAL SCIENCE FOUNDATION	Friesen, Maren	PLANT BIOLOGY CNS	OXYGEN-TOLERANT NITROGENASE
318	\$50,000	NATL AERONAUTICS AND SPACE ADM	Brandizzi, Federica	PLANT RESEARCH LABORATORY NAT SCIENCE	MECHANISMS FOR PLANT ADAPTATION TO SPACE ENVIRONMENT

	Gift, Grant and Contract Report Board Of Trustees December 2013				
	Amount	Donor	Director	Unit	Purpose
319	\$455,537	NATIONAL SCIENCE FOUNDATION	Hu, Jianping	PLANT RESEARCH LABORATORY NAT SCIENCE	REGULATION OF ENERGY ORGANELLE DYNAMICS IN PLANTS
320	\$138,844	US DEPT AGRICULTURE	Jerome, John	PLANT RESEARCH LABORATORY NAT SCIENCE	MOLECULAR CHARACTERIZATION OF THE INTERACTION BETWEEN PRODUCE AND SHIGA TOXIN-PRODUCING ESCHERICHIA COLI (STEC)
321	\$209,789	NATIONAL SCIENCE FOUNDATION	Montgomery, Beronda	PLANT RESEARCH LABORATORY NAT SCIENCE	REGULATORY MECHANISMS CONTROLLING PHOTOMORPHOGENESIS AND RESOURCE ALLOCATION IN CYANOBACTERIA
322	\$20,733	TEXAS A & M	Maiti, Tapabrata	STATISTICS & PROBABILITY	INNOVATIVE APPROACHES FOR ANALYZING SEER BREAST CANCER DATA
323	\$100,000	NATIONAL SCIENCE FOUNDATION	Xiao, Yimin	STATISTICS & PROBABILITY	EXTREME VALUE THEORY AND FIXED-DOMAIN ASYMPTOTICS OF MULTIVARIATE RANDOM FIELDS
324	\$91,868	NATL SECURITY AGENCY	Zelege, Aklilu	STATISTICS & PROBABILITY	SUMMER UNDERGRADUATE RESEARCH INSTITUTE IN EXPERIMENTAL MATHEMATICS (SURIEM)
325	\$50,000	NATIONAL SCIENCE FOUNDATION	Zhong, Pingshou	STATISTICS & PROBABILITY	COLLABORATIVE RESEARCH: HIGH DIMENSIONAL MULTIVARIATE ANALYSIS
326	\$216,907	FLORIDA STATE UNIVERSITY	Dworkin, Ian	ZOOLOGY NATURAL SCIENCE	BUILDING, UNDERSTANDING AND APPLYING A DICTIONARY OF GENETIC EFFECTS
327	\$139,690	TEXAS UNIV OF	Holekamp, Kay	ZOOLOGY NATURAL SCIENCE	THE ROLE OF EMOTION AND COMMUNICATION IN COOPERATIVE BEHAVIOR
328	\$150,000	ENVIRONMENTAL PROTECTION AGENCY	Stevenson, Robert	ZOOLOGY NATURAL SCIENCE	INTEGRATING INDICATORS OF ECOLOGICAL CONDITION AND SERVICES INTO A POLICY FRAMEWORK.
	COLLEGE OF NURSING				
329	\$57,771	BOSTON UNIVERSITY	Brittain, Kelly	NURSING	CENTER FOR INNOVATION IN POINT OF CARE TECHNOLOGIES FOR THE FUTURE OF CANCER CARE
330	\$156,500	NATL INST OF HEALTH - NIH/PHS	Hoffman, Amy	NURSING	MANAGING FATIGUE USING VIRTUAL REALITY FOR POST-OPERATIVE LUNG CANCER PATIENTS
331	\$731,333	NATL INST OF HEALTH - NIH/PHS	Robbins, Lorraine	NURSING	GIRLS ON THE MOVE INTERVENTION

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	Amount	Donor	Director	Unit	Purpose
332	\$30,000	WALTHER CANCER FOUNDATION, INC.	Spoelstra, Sandra	NURSING	DETERMINING SEVERITY, INTERFERENCE, AND NUMBER OF DAYS OF SYMPTOMS FROM SIDE EFFECTS IN CANCER PATIENTS PRESCRIBED ORAL CHEMOTHERAPY AGENTS, HOW COMORBID CONDITIONS MAY INFLUENCE THESE SYMPTOMS, AND PATIENT ACTIONS AND PREFERENCES IN REGARD TO SYMPTOM MANAGEMENT
333	\$16,412	HEALTH RESOURCES & SERVICES ADMIN -PHS	Talley, Henry	NURSING	NURSE ANESTHETIST TRAINEESHIP
334	\$53,612	MICHIGAN UNIVERSITY OF	Wyatt, Gwen	NURSING	ACUPRESSURE FOR PERSISTENT CANCER RELATED FATIGUE
	COLLEGE OF OSTEOPATHIC MEDICINE				
335	\$149,718	HEALTH RESOURCES & SERVICES ADMIN -PHS	Monson, Carol	FAMILY AND COMMUNITY MEDICINE	ESTABLISHING A STATEWIDE GERIATRIC FELLOWSHIP AND DIVISION OF GERIATRICS IN THE COLLEGE OF OSTEOPATHIC MEDICINE DEPARTMENT OF FAMILY & COMMUNITY MEDICINE AND DEPARTMENT OF INTERNAL MEDICINE
336	\$244,687	NATIONAL SCIENCE FOUNDATION	Merrill, John	MICROBIOLOGY & MOLECULAR GENETICS COM	COLLABORATIVE RESEARCH: A COMMUNITY OF ENHANCED ASSESSMENT FACILITATES REFORMED TEACHING
337	\$216,435	NATL INST OF HEALTH - NIH/PHS	Zheng, Yong-Hui	MICROBIOLOGY & MOLECULAR GENETICS COM	VPR
338	\$35,040	LILLY ELI - COMPANY	Kaufman, David	NEUROLOGY & OPHTHALMOLOGY COM	A PROSPECTIVE CASE-CROSSOVER STUDY TO EVALUATE THE POSSIBLE ASSOCIATION BETWEEN THE USE OF PDE5 INHIBITORS AND THE RISK OF ACTUE NONARTERITIC ANTERIOR ISCHEMIC OPTIC NEUROPATHY (NAIONA).
339	\$549,822	NATL INST OF HEALTH - NIH/PHS	Cholewicki, Jacek	OSTEOPATHIC SURGICAL SPECIALTIES	SYSTEMS SCIENCE CENTER FOR MUSCULOSKELETAL CAM THERAPIES
340	\$67,530	NATL INST OF HEALTH - NIH/PHS	Cholewicki, Jacek	OSTEOPATHIC SURGICAL SPECIALTIES	NEUROPHYSIOLOGICAL CHANGES FOLLOWING OSTEOPATHIC MANIPULATIVE TREATMENT.
341	\$9,981	SCOLIOSIS RESEARCH SOCIETY	Popovich, John	OSTEOPATHIC SURGICAL SPECIALTIES	THE EFFECTS OF ASYMMETRICAL SPINAL MUSCLE IMPAIRMENT ON THE DEVELOPMENT OF SCOLIOSIS: MORPHOLOGICAL, BIOMECHANICAL AND HISTOLOGICAL PROPERTIES OF THE SPINE
342	\$101,130	JOHNS HOPKINS UNIVERSITY	Boivin, Michael	PSYCHIATRY OSTEOPATHIC MEDICINE	DEVELOPMENTAL & GROWTH OUTCOMES FOR ARV EXPOSED HIV UNINFECTED AFRICAN CHILDREN

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	Amount	Donor	Director	Unit	Purpose
343	\$556,848	NATL INST CHILD HEALTH & HUMAN DEV -NIH/PHS	Boivin, Michael	PSYCHIATRY OSTEOPATHIC MEDICINE	ENHANCING UGANDAN HIV-AFFECTED CHILD DEVELOPMENT WITH CAREGIVER TRAINING
344	\$1,054,242	MI DEPT COMMUNITY HEALTH	Magen, Jed	PSYCHIATRY OSTEOPATHIC MEDICINE	PSYCHIATRY RESIDENCY INTEGRATION PROJECT 2014
345	\$161,408	MICHIGAN DEPARTMENT OF HUMAN SERVICES	Scheid, Jeanette	PSYCHIATRY OSTEOPATHIC MEDICINE	MEDICAL CONSULTANT
COLLEGE OF SOCIAL SCIENCE					
346	\$334,225	NATL INST OF HEALTH - NIH/PHS	Hunt, Linda	ANTHROPOLOGY SOCIAL SCIENCE	GENOMICS IN THE CLINIC:IDENTITY, RESPONSIBILITY AND CHOICE
347	\$119,108	MICHIGAN UNIVERSITY OF	Bynum, Timothy	CRIMINAL JUSTICE	NACJD
348	\$30,000	MARYLAND UNIV OF	Chermak, Steven	CRIMINAL JUSTICE	PATTERNS OF U.S. EXTREMIST CRIME IN THE UNITED STATES
349	\$58,732	ARIZONA UNIVERSITY OF	Holt, Thomas	CRIMINAL JUSTICE	SECURING CYBER SPACE: UNDERSTANDING THE CYBER ATTACKERS AND ATTACKS VIA SOCIAL MEDIA ANALYTICS
350	\$58,000	NATIONAL SCIENCE FOUNDATION	Holt, Thomas	CRIMINAL JUSTICE	COLLABORATIVE RESEARCH: A MULTI-DISCIPLINARY FRAMEWORK FOR UNDERSTANDING SPATIAL, TEMPORAL AND SOCIAL DYNAMICS OF CYBER CRIMINALS
351	\$60,000	MICHIGAN UNIVERSITY OF	McGarrell, Edmund	CRIMINAL JUSTICE	HIGH RISK, COMMUNITY-BASED PREVENTION IN FLINT: THE MICHIGAN STATE UNIVERSITY PREVENTION COMPONENT OF MI-YVPC
352	\$136,320	CINCINNATI UNIV OF	Tobey, Scott	CRIMINAL JUSTICE	HAZARDOUS MATERIAL WORKER HEALTH AND SAFETY TRAINING (U45) COOPERATIVE AGREEMENT
353	\$6,683	EDUCATION U.S. DEPT OF	Glew, Robert	CTR FOR ADV STUDY OF INTL DEVELOPM - CSS	FOREIGN LANGUAGE FELLOWSHIPS (FLAS)
354	\$259,654	INST OF INTERNATL EDUCATION	Glew, Robert	CTR FOR ADV STUDY OF INTL DEVELOPM - CSS	HUBERT H. HUMPHREY FELLOWSHIP PROGRAM
355	\$49,958	USDA - ECON RSH SER	Dickert-Conlin, Stacy	ECONOMICS	SNAP CASELOAD DYNAMICS: AN EXAMINATION OF SNAP POLICY AND ECONOMIC CONDITIONS ACROSS STATES AND OVER TIME
356	\$76,750	NATL INST OF HEALTH - NIH/PHS	Haider, Steve	ECONOMICS	ARE LIVE BIRTHS ENDOGENOUS AND DOES IT MATTER?
357	\$54,160	MI DEPT COMMUNITY HEALTH	Grady, Sue	GEOGRAPHY	INFANT MORTALITY MAPPING
358	\$28,068	MICHIGAN FITNESS FOUNDATION	Lusch, David	GEOGRAPHY	SNAP MAP DEVELOPMENT PHASE II, AMENDMENT 1

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	Amount	Donor	Director	Unit	Purpose
359	\$82,824	MI DEPT COMMUNITY HEALTH	Shortridge, Ashton	GEOGRAPHY	CON/HEALTH POLICY ANALYSIS AND MAPPING
360	\$116,000	USDA - FOREST SERVICE	Zhong, Shiyuan	GEOGRAPHY	DO FIRE-ATMOSPHERE INTERACTIONS THROUGH A PINE CANOPY MEDIATE FIRE EFFECTS DURING POINT-IGNITION FIRING OPERATIONS?
361	\$123,750	US DEPT AGRICULTURE	Colunga-Garcia, Manuel	GLOBAL CHG & EARTH OBSERVATIONS, CTR FOR	GLOBAL TRADE INTELLIGENCE TO MODEL RISK OF PEST INTRODUCTION INTO THE U.S.
362	\$34,070	MI DEPT COMMUNITY HEALTH	Onaga, Esther	HUMAN DEVELOPMENT & FAMILY STUDIES - CSS	CREATING A QUALITY IMPROVEMENT TOOL FOR CLUBHOUSES
363	\$699,246	MI DEPT COMMUNITY HEALTH	Hembroff, Larry	INST FOR PUBLIC POLICY & SOCIAL RESEARCH	BEHAVIORAL RISK FACTOR SURVEY (BRFS)
364	\$51,631	MI DEPT COMMUNITY HEALTH	Hembroff, Larry	INST FOR PUBLIC POLICY & SOCIAL RESEARCH	BEHAVIORAL RISK FACTOR SURVEY (BRFS) ASTHMA CALL BACK SURVEY
365	\$31,141	MI DEPT COMMUNITY HEALTH	Hembroff, Larry	INST FOR PUBLIC POLICY & SOCIAL RESEARCH	BEHAVIORAL RISK FACTOR SURVEY (BRFS)
366	\$100,000	CHARLES STEWART MOTT FOUNDATION	Martini, Audrey	OFF CAMPUS CREDIT PROGRAM SOC SCI	FLINT'S 21ST CENTURY COMMUNITY POLICING: YEAR FOUR
367	\$9,500	MICHIGAN DEPARTMENT OF HUMAN SERVICES	Martini, Audrey	OFF CAMPUS CREDIT PROGRAM SOC SCI	DHS OFFICE SECURITY ASSESSMENT
368	\$500,000	MIDAMERICAN ENERGY	Logan, Carolyn	POLITICAL SCIENCE	AFROBAROMETER EXPANSION PHASE: FIVE YEAR PLAN FOR ROUNDS 5 AND 6, 2011-2015
369	\$248,938	NATL INST OF HEALTH - NIH/PHS	Allman, Melissa	PSYCHOLOGY SOCIAL SCIENCE	TIME PERCEPTION AND TIMED PERFORMANCE IN AUTISM
370	\$99,998	NATL INST OF HEALTH - NIH/PHS	Burt, Sybil	PSYCHOLOGY SOCIAL SCIENCE	INTEGRATING CONTEXTUAL, PROXIMAL, AND INDIVIDUAL RISKS FOR CHILD CONDUCT PROBLEMS.
371	\$51,216	CALIFORNIA UNIVERSITY OF - DAVIS	Donnellan, M	PSYCHOLOGY SOCIAL SCIENCE	A MOLECULAR GENETIC STUDY OF RESILIENCE AND VULNERABILITY TO SUBSTANCE USE AND ABUSE
372	\$5,076	EARLY CHILDHOOD INVESTMENT CORPORATION	Foster-Fishman, Pennie	PSYCHOLOGY SOCIAL SCIENCE	EVALUATING MICHIGAN'S GREAT START INITIATIVE
373	\$50,000	NATL AERONAUTICS AND SPACE ADM	Kozlowski, Steve	PSYCHOLOGY SOCIAL SCIENCE	MEASURING, MONITORING, AND REGULATING TEAMWORK FOR LONG DURATION MISSIONS.
374	\$133,500	NAVAL RESEARCH US OFFICE OF USDN	Kozlowski, Steve	PSYCHOLOGY SOCIAL SCIENCE	TEAM KNOWLEDGE: ORIGINS, EMERGENCE, & MEASUREMENT

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375	\$52,190	NATL INST OF HEALTH - NIH/PHS	Lonstein, Joseph	PSYCHOLOGY SOCIAL SCIENCE	VARIANCE IN SIBLING MOTHERING RECEIVED AND ADULT MOTHERING, ANXIETY, AND SEROTONIN
376	\$106,187	NATIONAL SCIENCE FOUNDATION	McAuley, J	PSYCHOLOGY SOCIAL SCIENCE	MRI: ACQUISTION OF A MAGSTIM/BRAINSIGHT TMS SYSTEM FOR RESEARCH AND TRAINING IN COGNITIVE NEUROSCIENCE
377	\$13,011	MEDICAL COLLEGE OF WISCONSIN	Miller, Robin	PSYCHOLOGY SOCIAL SCIENCE	IMPLEMENTATION, EFFECTIVENESS & COST EFFECTIVENESS OF AN EVIDENCE-BASED INTERVENTION
378	\$141,121	NATIONAL SCIENCE FOUNDATION	Ravizza, Susan	PSYCHOLOGY SOCIAL SCIENCE	NEURAL PROCESSES THAT INFLUENCE THE CONTENTS OF WORKING MEMORY
379	\$169,767	NATL INST OF HEALTH - NIH/PHS	Sisk, Cheryl	PSYCHOLOGY SOCIAL SCIENCE	SPARTAN MARC U-STAR
380	\$13,500	A T & T	Beecher, Janice	PUBLIC UTILITIES INSTITUTE	PROGRAM SUPPORT FOR IPU FROM AT&T
381	\$40,000	AMER PUBLIC POWER ASSOCIATION	Beecher, Janice	PUBLIC UTILITIES INSTITUTE	PURPA COMPLIANCE MANUAL
382	\$12,500	AMER PUBLIC POWER ASSOCIATION	Beecher, Janice	PUBLIC UTILITIES INSTITUTE	PROGRAM SUPPORT FOR IPU FROM APPA
383	\$10,000	AMERICAN WATER	Beecher, Janice	PUBLIC UTILITIES INSTITUTE	PROGRAM SUPPORT FOR IPU FROM AMERICAN WATER
384	\$15,000	CONSUMERS ENERGY	Beecher, Janice	PUBLIC UTILITIES INSTITUTE	PROGRAM SUPPORT FOR IPU FROM CONSUMERS ENERGY
385	\$15,000	PACIFIC GAS & ELECTRIC CO	Beecher, Janice	PUBLIC UTILITIES INSTITUTE	PROGRAM SUPPORT FOR IPU FROM PG&E
386	\$9,078	RESEARCH FOUNDATION OF CUNY	Anderson, Gary	SOCIAL WORK	EVIDENCE BASED TRAUMA TREATMENT PROJECT
387	\$13,440	CHILD AND FAMILY CHARITIES	Archer, Gretchen	SOCIAL WORK	TEEN COURT PROGRAM EVALUATION
388	\$306,682	WASHINGTON HEADQUARTERS SERVICES AQUISITION & PROCUREMENT OFFICE	Shlapentokh, V	SOCIOLOGY SOCIAL SCIENCE	"RUSSIA IN THE SECOND DECADE OF THE 21ST CENTURY: THE UNCERTAIN FUTURE OF PUTIN'S REGIME"
	COLLEGE OF VETERINARY MEDICINE				
389	\$17,640	AIR FORCE US DEPT OF	Buchweitz, John	DIAGNOST CTR FOR POPULATION & ANIM HLTH	CYANIDE TESTING
390	\$93,564	MI DEPT COMMUNITY HEALTH	Mullaney, Thomas	DIAGNOST CTR FOR POPULATION & ANIM HLTH	BIOTERRORISM PREPAREDNESS - DIAGNOSTIC CTR FOR POPULATION AND ANIMAL HEALTH

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	Amount	Donor	Director	Unit	Purpose
391	\$88,196	MEMPHIS UNIVERSITY OF	Ewart, Susan	LARGE ANIMAL CLINICAL SCIENCES	TRANSGENERATIONAL EPIGENETIC INHERITANCE OF ALLERGY IN A MULTIGENERATIONAL COHORT
392	\$299,999	US DEPT AGRICULTURE	Funk, Julie	LARGE ANIMAL CLINICAL SCIENCES	THE ROLE OF PIGS IN THE FOODBORNE ZOOTIC TRANSMISSION OF SHIGA TOXIN-PRODUCING ESCHERICHIA COLI
393	\$79,012	OKLAHOMA STATE UNIVERSITY	Geor, Raymond	LARGE ANIMAL CLINICAL SCIENCES	BUILDING A BETTER CANINE WARRIOR.
394	\$23,843	UNITED STATES EQUESTRIAN FEDERATION INC	Holcombe, Susan	LARGE ANIMAL CLINICAL SCIENCES	LARYNGEAL ADVANCEMENT IMPROVES PHARYNGEAL PHASE DYSPHAGIA IN HORSES
395	\$15,000	AMANA PHARMACEUTICALS CORP	Saeed, A	LARGE ANIMAL CLINICAL SCIENCES	GENERAL RESEARCH
396	\$7,625	GREAT LAKES REGIONAL CENTER OF EXCELL	Abramovitch, Robert	MICROBIOLOGY & MOLECULAR GENETICS CVM	TARGETING COMPOUNDS AND GENES THAT MODULATE M. TUBERCULOSIS PH-DRIVEN ADAPTATION
397	\$6,752	NANOBIO CORPORATION	Maes, Roger	MICROBIOLOGY & MOLECULAR GENETICS CVM	NANOEMULSION-BASED VACCINE FOR PREVENTION OF FELINE VIRAL RHINOTRACHEITIS
398	\$187,664	NATL INST OF ALLERGY & INFEC DIS -NIH	Mansfield, Linda	NATIONAL FOOD SAFETY/TOXICOLOGY CENTER	ERIN CRC: HOST-MICROBIOTA-PATHOGEN INTERACTIONS GOVERN ENTERIC HEALTH AND DISEASE
399	\$23,495	AMERICAN QUARTER HORSE FOUNDATION	Bowker, Robert	PATHOBIOLOGY & DIAGNOSTIC INVESTIGAT CVM	NAVICULAR SYNDROME: DEMONSTRABLE CHANGES WITHIN THE VASCULAR CUSHION OF THE ROSTRAL FROG: DETERIORATION OF THE CPL'S (CHONDROPULVINALE LIGAMENTS) AND AVC'S (ARTERIOVENOUS COMPLEXES)
400	\$41,517	GRAYSON-JOCKEY CLUB RESEARCH FDN INC	Hussey, Gisela	PATHOBIOLOGY & DIAGNOSTIC INVESTIGAT CVM	DEVELOPMENT OF ALTERNATIVE MODELS TO STUDY EHM
401	\$15,280	NESTLE PURINA PETCARE CO	Sanders, Robert	SMALL ANIMAL CLINICAL SCIENCES	RESEARCH STUDY EVALUATING ANTI-ARRHYTHMIC PROPERTIES OF PURINA VETERINARY DIETS JMJOINT MOBILITY
402	\$667,125	HEALTH RESOURCES & SERVICES ADMIN -PHS	Lowrie, Patricia	VETERINARY MEDICINE DEAN	THE VETWARD BOUND PROGRAM
	VICE PROVOST LIBRARIES COMPUTING & TECHNOLGY				
403	\$30,753	REGENTS OF THE UNIVERSITY OF MICHIGAN	Heeter, Carrie	CIO AND DIR IT SV TECHNOLOGY	SOCIAL MEDIA AND COLLEGE ASPIRATIONS: A SOCIAL CAPITAL PERSPECTIVE
	ASC PROV & ASC VP ACAD HUMAN RESOURCES				
404	\$177,031	NATIONAL SCIENCE FOUNDATION	Curry, Theodore	ASC PROV AST VP ACADEMIC HUMAN RESOURCES	ADVANCING DIVERSITY THROUGH ALIGNMENT OF POLICIES AND PRACTICES (ADAPP) - SUPPLEMENTAL

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	NAT'L SUPERCONDUCTING CYCLOTRON LABORATORY				
405	\$243,621	JEFFERSON SCIENCE ASSOCIATES LLC	Zeller, Albert	FACILITY FOR RARE ISOTOPE BEAMS	MOD #6 - SHMS HORIZONTAL BEND SUPERCONDUCTING DIPOLE
406	\$55,000	ENERGY US DEPT OF	Gade, Alexandra	NAT'L SUPERCONDUCTING CYCLOTRON LAB	STUDY OF CORRELATION EFFECTS IN NUCLEI AT THE LIMIT OF STABILITY (RENEWAL)
407	\$921,000	NOTRE DAME UNIVERSITY OF	Schatz, Hendrik	NAT'L SUPERCONDUCTING CYCLOTRON LAB	PHYSICS FRONTIERS CENTER: JINA
408	\$490,000	NOTRE DAME UNIVERSITY OF	Schatz, Hendrik	NAT'L SUPERCONDUCTING CYCLOTRON LAB	PHYSICS FRONTIERS CENTER: JOINT INSTITUTE FOR NUCLEAR ASTROPHYSICS (JINA)
	PROVOST-VICE PRES FOR ACADEMIC AFFAIRS				
409	\$7,236	JOHNS HOPKINS UNIVERSITY	Jones, Nicole	CLINICAL AND TRANSLATIONAL SCIENCES	GENOME-WIDE EXAMINATION OF DNA METHYLATION IN AUTISM
410	\$1,200,000	MSU FOUNDATION	Youatt, June	PROVOSTS OFFICE	CAPACITY BUILDING AWARD (RC066504)
	ASC PROV FOR UNIV OUTREACH & ENGAGEMENT				
411	\$25,000	MICHIGAN COUNCIL OF ARTS & CULTURAL AFFAIRS	Macdowell, Marsha	MUSEUM - UOE	MICHIGAN TRADITIONAL ARTS PROGRAM
412	\$40,000	NATL ENDOWMENT FOR THE ARTS	Macdowell, Marsha	MUSEUM - UOE	MICHIGAN TRADITIONAL ARTS PROGRAM
413	\$40,000	NATL ENDOWMENT FOR THE ARTS	Macdowell, Marsha	MUSEUM - UOE	2013 TRADITIONAL ARTS APPRENTICESHIPS AND HERITAGE AWARDS PROGRAM
414	\$77,292	INSTITUTE OF MUSEUM AND LIBRARY SERVICES	Swanson, Lynne	MUSEUM - UOE	MICHIGAN STATE UNIVERSITY MUSEUM ARCHAEOLOGICAL COLLECTIONS STEWARDSHIP PROJECT
415	\$183,375	ECONOMIC DEVELOPMENT ADMINISTRATION	Lamore, Rex	OUTREACH & ENGAGEMENT PARTNERSHIPS	EDA UNIVERSITY CENTER REGIONAL ECONOMIC INNOVATION REI
416	\$127,500	MI DEPT COMMUNITY HEALTH	McNall, Miles	OUTREACH & ENGAGEMENT PARTNERSHIPS	PROJECT LAUNCH EVALUATION
417	\$70,000	COMMERCE US DEPT OF	Swierenga, Sarah	USABILITY/ ACCESSIBILITY RSCH CONSULTING	ENHANCEMENT OF ACCESSIBLE MOBILE VOTING SYSTEM STANDARDS
418	\$527,941	MICH DEPT OF LICENSING & REGULATORY AFFAIRS	Swierenga, Sarah	USABILITY/ ACCESSIBILITY RSCH CONSULTING	MICHIGAN WORKFORCE BACKGROUND CHECK - ENHANCEMENT

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419	\$208,962	MICH DEPT OF LICENSING & REGULATORY AFFAIRS	Swierenga, Sarah	USABILITY/ ACCESSIBILITY RSCH CONSULTING	MICHIGAN WORKFORCE BACKGROUND CHECK
	ASC PROV ACAD STDNT SERV & MULTICUL ISSUES				
420	\$5,400	COMMUNITY FOUNDATION SANTA CRUZ COUNTY	Garcia, Luis	MIGRANT STUDENT SERVICES	MSU HEP SUPPORT
	INTERNATIONAL STUDIES AND PROGRAMS				
421	\$129,736	EDUCATION U.S. DEPT OF	Pritchett, James	AFRICAN STUDIES CENTER	NATIONAL RESOURCE CENTER FOR FOREIGN LANGUAGE AND AREA STUDIES
422	\$260,000	HIGHER EDUCATION FOR DEVELOPMENT	Ferguson, Anne	CENTER FOR GENDER IN GLOBAL CONTEXT	ECOSYSTEM SERVICES: LINKING SCIENCE TO ACTION IN MALAWI AND THE REGION
423	\$25,550	USDA - FOREIGN AG SER	Karanja, Daniel	PRTNHP CUT HUNGER POVERTY IN AFRICA	DEVELOPING STRONG PUBLIC-PRIVATE PARTNERSHIPS FOR AGRICULTURE, FOOD AND NUTRITION IN AFRICA: PARTNERSHIP TO CUT HUNGER & POVERTY IN AFRICA PROPOSAL FOR FUNDING 2013 WORLD FOOD PRIZE SYMPOSIUM RELATED ACTIVITIES
	MICHIGAN AGRICULTURAL EXPERIMENT STATION				
424	\$160,727	OHIO STATE UNIVERSITY	Crawford, Eric	AG, FOOD, RESOURCE ECON MABR	COLLABORATIVE RESEARCH AND CAPACITY BUILDING OF SOKOINE UNIVERSITY OF AGRICULTURE AND THE NATIONAL AGRICULTURAL RESEARCH SYSTEM
425	\$84,469	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Lupi, Frank	AG, FOOD, RESOURCE ECON MABR	LUPI PERM SALARY AND FRINGE
426	\$68,303	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Lupi, Frank	AG, FOOD, RESOURCE ECON MABR	A STATEWIDE SURVEY OF MICHIGAN'S LICENSED ANGLERS
427	\$9,729	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Lupi, Frank	AG, FOOD, RESOURCE ECON MABR	MICHIGAN TROUT ANGLER SURVEY
428	\$32,376	UNITED STATES FISH AND WILDLIFE SERVICE	Lupi, Frank	AG, FOOD, RESOURCE ECON MABR	ASSESSMENT OF HUMAN SERVICES IMPACTS FOR TITTABAWASEE RIVER AND SAGINAW BAY WATERSHED
429	\$128,556	INTL FOOD POLICY RESEARCH INSTITUTE	Reardon, Thomas	AG, FOOD, RESOURCE ECON MABR	VALUE CHAINS IN ASIA "RETA 14"
430	\$176,042	NATURE CONSERVANCY THE	Swinton, Scott	AG, FOOD, RESOURCE ECON MABR	GREAT LAKES WATERSHED ECOLOGICAL SUSTAINABILITY STRATEGY PHASE II: PAYMENTS FOR AGRICULTURAL ECOSYSTEM SERVICES
431	\$10,000	MICH PORK PRODUCERS ASSOC	Bates, Ronald	ANIMAL SCIENCE DEPARTMENT MABR	QUANTIFICATION OF HOUSING ALTERNATIVES

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432	\$20,000	FUR COMMISSION USA	Bursian, Steven	ANIMAL SCIENCE DEPARTMENT MABR	RESEARCH ON NUTRITION, TOXICOLOGY, BEHAVIOR AND MANAGEMENT OF MINK
433	\$31,497	US DEPT AGRICULTURE	Ernst, Catherine	ANIMAL SCIENCE DEPARTMENT MABR	ACQUISITION OF GOODS AND SERVICES
434	\$499,999	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Ireland, James	ANIMAL SCIENCE DEPARTMENT MABR	IMPACT OF A SMALL OVARIAN RESERVE AND LOW PROGESTERONE PRODUCTION DURING ESTROUS CYCLES ON FERTILITY AND LONGEVITY IN DAIRY CATTLE
435	\$30,770	GUELPH UNIVERSITY OF	Trottier, Nathalie	ANIMAL SCIENCE DEPARTMENT MABR	DETERMINANTS OF AMINO ACID REQUIREMENTS OF GESTATING AND LACTATING SOWS
436	\$41,013	US DEPT AGRICULTURE	Dolan, Kirk	BIOSYSTEMS & AG ENGINEERING MABR	DEVELOPMENT OF IMAGING TECHNIQUES FOR DEFECTS DETECTION OF HORTICULTURAL PRODUCTS
437	\$49,014	SOLAE, LLC	Marks, Bradley	BIOSYSTEMS & AG ENGINEERING MABR	DRY-AND MOIST-HEAT SANITATION OF STAINLESS STEEL SURFACES WITH AND WITHOUT PROTEIN PRODUCT RESIDUE (PHASES 1 AND 2)
438	\$23,166	MICHIGAN ECONOMIC DEVELOPMENT CORP	Nicholls, Sarah	COMMUNITY, AG, REC & RES STD MABR	MICHIGAN TOURISM STRATEGIC PLAN IMPLEMENTATION
439	\$5,268	STATE OF SOUTH CAROLINA, SEA GRANT CONSORTIUM	Oh, Chi-Ok	COMMUNITY, AG, REC & RES STD MABR	UNDERSTANDING DEMAND FOR VALUE-ADDED PRODUCTS AND SERVICES ASSOCIATED WITH FOR-HIRE BOAT FISHING TRIPS ON THE SOUTH CAROLINA COAST
440	\$100,004	WISCONSIN UNIV OF	Douches, David	CROP AND SOIL SCIENCE MABR	IMPROVED BREEDING AND VARIETY EVALUATION METHODS TO REDUCE ACRYLAMIDE CONTENT AND INCREASE QUALITY IN PROCESSED POTATO PRODUCTS
441	\$32,900	US DEPT AGRICULTURE	Kelly, James	CROP AND SOIL SCIENCE MABR	PYRAMIDING QTL FOR WHITE MOLD INTO MESOAMERICAN BEANS
442	\$10,000	MICH TURFGRASS FOUNDATION	Rogers, John	CROP AND SOIL SCIENCE MABR	TURF GRASS MANAGEMENT WITH EMPHASIS ON SPORTS TURF CONSTRUCTION.
443	\$1,497,449	GATES, BILL AND MELINDA FOUNDATION	Snapp, Sieglinde	CROP AND SOIL SCIENCE MABR	PERENNIAL GRAIN CROPS FOR AFRICAN SMALLHOLDER FARMING SYSTEMS
444	\$32,500	MCKNIGHT FOUNDATION	Snapp, Sieglinde	CROP AND SOIL SCIENCE MABR	BEST BETS TWO: FOR A CHANGING WORLD
445	\$13,500	BAYER CROPS SCIENCE SA-NV	Sprague, Christy	CROP AND SOIL SCIENCE MABR	WEED MANAGEMENT STRATEGIES IN SOYBEAN, SUGAR BEETS, AND DRY BEANS.
446	\$6,000	DUPONT CROP PROTECTION	Sprague, Christy	CROP AND SOIL SCIENCE MABR	WEED MANAGEMENT STRATEGIES IN SOYBEAN, SUGAR BEETS, AND DRY BEANS.

	Gift, Grant and Contract Report Board Of Trustees December 2013				
	Amount	Donor	Director	Unit	Purpose
447	\$9,924	MINNESOTA UNIV OF	Sprague, Christy	CROP AND SOIL SCIENCE MABR	QUANTIFICATION OF NITROGEN LOST TO GREENHOUSE GAS EMISSIONS IN COVER CROP SYSTEMS
448	\$10,000	MONSANTO COMPANY	Wang, Dechun	CROP AND SOIL SCIENCE MABR	SOYBEAN RESEARCH-SERVEN
449	\$15,000	UNIVERSITY OF ILLINOIS	Wang, Dechun	CROP AND SOIL SCIENCE MABR	NESTED ASSOCIATION MAPPING [NAM] OF GENES CONTROLLING SOYBEAN YIELD AND OTHER KEY TRAITS
450	\$40,832	US DEPT AGRICULTURE	Wang, Dechun	CROP AND SOIL SCIENCE MABR	ENHANCING SOYBEAN FOR RESISTANCE TO SECLEROTINIA STEM ROT
451	\$132,787	USDA - ANIMAL AND PLT HTL INSP SER	Delfosse, Ernest	ENTOMOLOGY MABR	HOST-SPECIFICITY TESTING OF NATURAL ENEMIES OF THE BROWN MARMORATED STINK BUG (BMSB),HALYOMORPHA HALYS (STÅL) (HEMIPTERA: PENTATOMIDAE)
452	\$221,300	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Landis, Joy	ENTOMOLOGY MABR	INCREASING AND EVALUATING IPM IN MICHIGAN THROUGH INTEGRATED DEVELOPMENT AND DELIVERY OF RESOURCES FOR PRACTITIONERS
453	\$35,500	BAYER CROPSOURCE SA-NV	Wise, John	ENTOMOLOGY MABR	TREE FRUIT EFFICACY TESTING WITH BAYER PRODUCTS
454	\$43,300	DUPONT CROP PROTECTION	Wise, John	ENTOMOLOGY MABR	TESTING DUPONT INSECTICIDES FOR TREE FRUIT PEST MANAGEMENT
455	\$6,000	DUPONT CROP PROTECTION	Wise, John	ENTOMOLOGY MABR	TESTING DUPONT INSECTICIDES FOR SMALL FRUIT PEST MANAGEMENT
456	\$199,112	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Wise, John	ENTOMOLOGY MABR	TRUNK INJECTION: A DISCRIMINATING DELIVERY SYSTEM FOR TREE FRUIT IPM
457	\$72,689	GREAT LAKES FISHERY COMMISSION	Jones, Michael	FISHERIES AND WILDLIFE MABR	GLFC PERM BINDER SALARY AND FRINGES
458	\$50,000	MICHIGAN LAKES AND STREAMS ASSOCIATION	Jones, Michael	FISHERIES AND WILDLIFE MABR	MICHIGAN LAKE AND STREAM SPECIALIST POSITION
459	\$99,020	US GEOLOGICAL SURVEY	Jones, Michael	FISHERIES AND WILDLIFE MABR	RESEARCH, MANAGEMENT AND COMMUNICATION PERTAINING TO POPULATION GENETICS, CONSERVATION GENETICS AND BIODIVERSITY OF AQUATIC SPECIES WITHIN THE GREAT LAKES BASIN.
460	\$259,047	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Scribner, Kim	FISHERIES AND WILDLIFE MABR	SCRIBNER PERM SALARY AND FRINGE
461	\$101,820	IOWA STATE UNIVERSITY	Weeks, Christopher	FISHERIES AND WILDLIFE MABR	REGIONAL AQUACULTURE EXTENSION SPECIALIST

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462	\$37,210	MICHIGAN UNIVERSITY OF	Weeks, Christopher	FISHERIES AND WILDLIFE MABR	INTEGRATED ASSESSMENT - EXPANSION OF MICHIGAN'S EXISTING COMMERCIAL AQUACULTURE ACTIVITIES INTO A MAJOR SUSTAINABLE SEAFOOD PRODUCTION INDUSTRY
463	\$5,838	MINNESOTA UNIV OF	Finley, Andrew	FORESTRY MABR	HIERARCHICAL MODELS FOR LARGE GOESTATISTICAL DATASETS WITH APPLICATIONS TO FORESTRY AND ECOLOGY
464	\$187,491	NATIONAL SCIENCE FOUNDATION	Finley, Andrew	FORESTRY MABR	CAREER: ADVANCEMENTS IN SPATIO-TEMPORAL MODELING AND EDUCATION IN SUPPORT OF NEON AND LARGE-SCALE AND LONG-TERM ECOLOGICAL RESEARCH
465	\$22,725	NATL AERONAUTICS AND SPACE ADM	Finley, Andrew	FORESTRY MABR	AN ALS-AUGMENTED USFS-FIA BIOMASS AND CARBON INVENTORY OF THE TANANA DISTRICT, ALASKA
466	\$95,090	TETRA TECH INC.	Skole, David	FORESTRY MABR	PARTNERSHIP FOR LAND USE SCIENCE (FOREST-PLUS)
467	\$9,865	NCR-SARE	Andresen, Jeffrey	GEOGRAPHY MABR	USE OF WATER MIST TO PROTECT TREE FRUIT FROM SPRING FROST DAMAGE
468	\$5,322	NATIONAL SCIENCE FOUNDATION	Vannocker, Steven	HORTICULTURE MABR	TRPGR: EXPLOITING CHROMATIN LANDMARKS TO CHARACTERIZE COMPLEX PLANT GENOMES
469	\$15,103	TECHNOSERVE	Widders, Irvin	HORTICULTURE MABR	HONDURAN AGRICULTURE PARTNERSHIP (HAP)
470	\$204,939	US DEPT AGRICULTURE	Kaneene, John	LARGE ANIMAL CLINICAL SCIENCES MABR	USDA TRI-LATERAL PARTNERSHIP
471	\$131,319	ZOETIS	Robinson, N	LARGE ANIMAL CLINICAL SCIENCES MABR	COMPOUND X FOR TREATMENT OF EXACERBATIONS OF RECURRENT AIRWAY OBSTRUCTION
472	\$36,413	BAYLOR COLLEGE OF MEDICINE	Britton, Robert	MICROBIOLOGY & MOLECULAR GEN MABR	GUT L-HISTIDINE METABOLISM AND HISTAMINE SIGNALING IN COLONIC NEOPLASIA
473	\$437,130	NATL INST OF HEALTH - NIH/PHS	Britton, Robert	MICROBIOLOGY & MOLECULAR GEN MABR	MECHANISTIC BASIS OF PROBIOTIC PREVENTION OF OSTEOPOROSIS
474	\$205,000	PROCTER & GAMBLE CO	Britton, Robert	MICROBIOLOGY & MOLECULAR GEN MABR	DEVELOPMENT OF PROBIOTICS THAT PROVIDE HEALTHY WEIGHT BENEFITS BY TARGETING PATHWAYS ASSOCIATED WITH THE ONSET OF OBESITY

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475	\$360,011	NATL INST OF HEALTH - NIH/PHS	Hausinger, Robert	MICROBIOLOGY & MOLECULAR GEN MABR	CHARACTERIZATION OF FE(II)/ALPHA-KETOGLUTARATE-DEPENDENT HYDROXYLASES
476	\$79,000	US DEPT AGRICULTURE	Lau, Jennifer	PLANT BIOLOGY MABR	CAN DIVERSITY DELIVER MULTIPLE ECOSYSTEM SERVICES IN GRASSLAND RESTORATION?
477	\$10,000	BAYER CROPSCIENCE SA-NV	Chilvers, Martin	PLANT PATHOLOGY MABR	SOYBEAN DISEASES AND THEIR CONTROL.
478	\$51,660	MONSANTO COMPANY	Chilvers, Martin	PLANT PATHOLOGY MABR	CORN AND SOYBEAN SEED TREATMENT
479	\$48,685	US DEPT AGRICULTURE	Chilvers, Martin	PLANT PATHOLOGY MABR	EXPRESSION PROFILING OF THE PEA-SCLEROTINIA SCLEROTIRUM INTERACTION FOR GENOMICS-ASSISTED BREEDING
480	\$38,400	DUPONT CROP PROTECTION	Hausbeck, Mary	PLANT PATHOLOGY MABR	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
481	\$8,833	GINSENG BOARD OF WISCONSIN	Hausbeck, Mary	PLANT PATHOLOGY MABR	GINSENG RESEARCH.
482	\$6,000	ISK BIOSCIENCES	Hausbeck, Mary	PLANT PATHOLOGY MABR	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
483	\$12,444	PICKLE PACKERS INTERNATIONAL, INC	Hausbeck, Mary	PLANT PATHOLOGY MABR	DOWNY MILDEW RESISTANCE TO FUNGICIDES IN THE FIELD.
484	\$16,000	SYNGENTA CROP PROTECTION INC	Hausbeck, Mary	PLANT PATHOLOGY MABR	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
485	\$130,477	US DEPT AGRICULTURE	Hausbeck, Mary	PLANT PATHOLOGY MABR	EMPLOYING NEW TOOLS TO DETECT AND LIMIT PHYTOPHTHORA ROOT ROT, DOWNY MILDEW, AND OTHER KEY PATHOGENS OF FLORAL CROPS
486	\$65,000	BAYER CROPSCIENCE SA-NV	Sundin, George	PLANT PATHOLOGY MABR	DISEASEE OF TREE FRUIT CROPS AND THEIR CONTROL.
487	\$7,400	BARENBRUG	Cassida, Kimberly	PLANT, SOIL AND MICROBIAL SCIENCES	FORAGE RESEARCH.
488	\$22,896	BAY MILLS COMMUNITY COLLEGE	Cassida, Kimberly	PLANT, SOIL AND MICROBIAL SCIENCES	BAY MILLS GRASS-BASED FUEL RESEARCH
489	\$37,700	BAYER CROPSCIENCE SA-NV	Chilvers, Martin	PLANT, SOIL AND MICROBIAL SCIENCES	SOYBEAN DISEASE MANAGEMENT.
490	\$7,000	CHEMINOVA INC	Chilvers, Martin	PLANT, SOIL AND MICROBIAL SCIENCES	MANAGEMENT OF SOYBEAN DISEASES.

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491	\$14,500	BAYER CROPSCIENCE SA-NV	Hausbeck, Mary	PLANT, SOIL AND MICROBIAL SCIENCES	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
492	\$6,000	BAYER CROPSCIENCE SA-NV	Hausbeck, Mary	PLANT, SOIL AND MICROBIAL SCIENCES	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
493	\$7,000	SYNGENTA CROP PROTECTION INC	Hausbeck, Mary	PLANT, SOIL AND MICROBIAL SCIENCES	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
494	\$22,800	LEHIGH AGRI & BIOLOGICAL SERVICES INC.	Sprague, Christy	PLANT, SOIL AND MICROBIAL SCIENCES	WEED MANAGEMENT STRATEGIES IN SOYBEAN, SUGAR BEETS AND DRY BEANS.
495	\$12,700	BAYER CROPSCIENCE SA-NV	Sundin, George	PLANT, SOIL AND MICROBIAL SCIENCES	DISEASE OF TREE FRUIT CROPS AND THEIR CONTROL.
	MICHIGAN STATE UNIVERSITY EXTENSION				
496	\$20,447	AGRARIAN MARKETING CORPORATION	Rozeboom, Dale	ANIMAL SCIENCE DEPARTMENT - MSUE	THE EFFECT OF SPECIFIC EGG YOLK ANTIBODIES IN DRINKING WATER ON THE GROWTH OF PIGS
497	\$16,500	MICH PORK PRODUCERS ASSOC	Rozeboom, Dale	ANIMAL SCIENCE DEPARTMENT - MSUE	MICHIGAN PORK INDUSTRY AWARENESS, PREPAREDNESS, RESPONSE AND RECOVERY
498	\$12,000	MICHIGAN DEPARTMENT OF AGRICULTURE	Wells, Sarah	ANIMAL SCIENCE DEPARTMENT - MSUE	MICHIGAN MEAT PROCESSING CAPACITY ASSESSMENT
499	\$157,188	ELANCO ANIMAL HEALTH	Powers-Schilling, Wendy	BIOSYSTEMS & AG ENGINEERING MSUE	NSRA: MSU-AAQRF TEST SYSTEM EVALUATION USING BEEF CATTLE BY MEASURING BASELINE ENVIRONMENTAL EMISSIONS WHEN FED A FINISHING RATION FOR THE LAST 14 DAYS OF FINISHING
500	\$39,551	ELANCO ANIMAL HEALTH	Powers-Schilling, Wendy	BIOSYSTEMS & AG ENGINEERING MSUE	POST APPROVAL STUDY: EFFECT OF RACTOPAMINE HYDROCHLORIDE ON ENVIRONMENTAL EMISSIONS FROM FINISHING SWINE WHEN FED AN EQUAL PROTEIN DIET FOR 35 DAYS
501	\$26,432	ELANCO ANIMAL HEALTH	Powers-Schilling, Wendy	BIOSYSTEMS & AG ENGINEERING MSUE	NSRA: MSU-AAQRF TEST SYSTEM EVALUATION USING BEEF CATTLE HEIFERS BY MEASURING BASELINE ENVIRONMENTAL EMISSIONS WHEN FED A FINISHING RATION FOR THE LAST 14 DAYS OF FINISHING
502	\$6,194	ELANCO ANIMAL HEALTH	Powers-Schilling, Wendy	BIOSYSTEMS & AG ENGINEERING MSUE	PILOT EFFICACY STUDY: EFFECT OF LY529547 ON ENVIRONMENTAL EMISSIONS FROM BROILER CHICKENS FOR 14 DAYS
503	\$65,250	GREAT LAKES FISHERY TRUST	Dann, Shari	COMMUNITY,AG,REC AND RES STD MSUE	THE GRAND LEARNING NETWORK: PHASE IV FOR CONTINUATION OF THE MID-MICHIGAN, GRAND RIVER WATERSHED REGIONAL HUB

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504	\$5,902	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Dann, Shari	COMMUNITY,AG,REC AND RES STD MSUE	NATURAL RESOURCES LITERACY, LEADERSHIP, MARKETING AND OUTREACH IN MI: STRATEGIC PLANNING, STRATEGIC DOING, AND IMPACT EVALUATION
505	\$10,000	MICH TURFGRASS FOUNDATION	Frank, Kevin	CROP AND SOIL SCIENCES MSUE	TURF GRASS PHYSIOLOGY AND MANGEMENT WITH EMPHASIS ON SOIL AND PLANT NUTRIENT RELATIONSHIPS.
506	\$10,000	CORN MARKETING PROGRAM OF MICHIGAN	Battel, Robert	EXTENSION AGRICULTURE AND AGRIBUSINESS	THUMB AG RESEARCH AND EDUCATION (TARE) PLANTER UPGRADE PROPOSAL
507	\$14,030	MONSANTO COMPANY	Goldy, Ronald	EXTENSION AGRICULTURE AND AGRIBUSINESS	CUCUMBERS
508	\$137,645	NORTH CENTRAL SOYBEAN RESEARCH PROGRAM	Mutch, Dale	EXTENSION AGRICULTURE AND AGRIBUSINESS	UNDERSTANDING COVER CROP USE IN SOYBEAN PRODUCTION SYSTEMS
509	\$9,000	BAYER CROPS SCIENCE SA-NV	Rothwell, Nikki	EXTENSION AGRICULTURE AND AGRIBUSINESS	TESTING OF BAYER'S PRODUCT, LUNA SENSATION AND SERENADE OPTIMUM
510	\$20,201	MICH 4-H FOUNDATION	Chapin, Julie	EXTENSION CHILDREN AND YOUTH	MICHIGAN 4-H FOUNDATION COUNTY PROGRAMS
511	\$85,860	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Chapin, Julie	EXTENSION CHILDREN AND YOUTH	NATURAL RESOURCES URBAN OUTREACH COORDINATOR
512	\$80,000	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Moyses, Kendra	EXTENSION CHILDREN AND YOUTH	MICHIGAN STATE UNIVERSITY EXTENSION (MSUE) SUSTAINABLE COMMUNITY PROJECT (MSUE SCP)
513	\$7,350	BAY AREA COMMUNITY FOUNDATION	Schulz, Jodi	EXTENSION CHILDREN AND YOUTH	DOW SCIENCE GRANT
514	\$10,500	CAPITAL AREA UNITED WAY INC	Silm, Theresa	EXTENSION CHILDREN AND YOUTH	CLINTON COUNTY WORK OF THE HEART: TEENS
515	\$8,142	CAPITAL AREA UNITED WAY INC	Silm, Theresa	EXTENSION CHILDREN AND YOUTH	CLINTON COUNTY WORK OF THE HEART
516	\$42,866	MICHIGAN DEPARTMENT OF HUMAN SERVICES	Silm, Theresa	EXTENSION CHILDREN AND YOUTH	MSUE-CLINTON COUNTY WORK OF HEART
517	\$11,700	MICH STATE HOUSING DEVELOPMENT AUTHORITY	Long, Brenda	EXTENSION GREENING MICHIGAN	NATIONAL FORECLOSURE MITIGATION CONSELING PROGRAM (NFMCC)
518	\$83,000	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Smutek, Barbara	EXTENSION GREENING MICHIGAN	ANISHINABEK (AMERICAN INDIAN) FARMERS IN THE NEW ECONOMY AND YOUTH EMPOWERMENT

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519	\$20,000	TIP OF THE MITT WATERSHED COUNCIL	Solomon, Dean	EXTENSION GREENING MICHIGAN	LAKE CHARLEVOIX WATER QUALITY IMPLEMENTATION PROJECT
520	\$559,079	MI DEPT COMMUNITY HEALTH	Benton, Patricia	EXTENSION HEALTH AND NUTRITION	WIC - MOTHER TO MOTHER BREAST FEEDING INITIATIVE
521	\$73,780	MI DEPT COMMUNITY HEALTH	Benton, Patricia	EXTENSION HEALTH AND NUTRITION	PROJECT FRESH
522	\$149,394	MI DEPT COMMUNITY HEALTH	Contreras, Dawn	EXTENSION HEALTH AND NUTRITION	PHYSICIAN PEER EDUCATION ON IMMUNIZATION
523	\$40,000	MI DEPT COMMUNITY HEALTH	Contreras, Dawn	EXTENSION HEALTH AND NUTRITION	WISEWOMAN GRANT FY14
524	\$25,000	MICHIGAN UNIVERSITY OF	Pistis, Charles	FISHERIES AND WILDLIFE MSUE	2012 COSTAL COMMUNITY DEVELOPMENT
525	\$35,000	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Walters, Michael	FORESTRY MSUE	EFFECTS OF EAB, HARVEST PATTERN AND DEER BROWSE ON THE DIVERSITY AND STRUCTURE OF NORTHERN HARDWOOD FOREST; IMPLICATIONS FOR SUSTAINABLE TIMBER PRODUCTIONS AND SONGBIRD HABITAT."
526	\$9,999	NCR-SARE	Behe, Bridget	HORTICULTURE - MSUE	UNDERSTANDING THE ECONOMICS OF HOOPHOUSE CROPS IN NORTHERN CLIMATES
527	\$10,000	MDOA HORTICULTURE FUND	Fernandez, Rodney	HORTICULTURE - MSUE	CLEAN WATER3: REDUCE, REMEDIATE, REUSE: INFORMING WATER MANAGEMENT DECISIONS FOR EFFICIENT AND PROFITABLE SPECIALTY CROP PRODUCTION
528	\$9,983	MINNESOTA UNIV OF	Lang, Gregory	HORTICULTURE - MSUE	DEVELOPMENT OF A REPEATABLE INFECTION SYSTEM FOR SWEET CHERRY BY PSEUDOMONAS SYRINGAE PV. SYRINGAE.
529	\$15,750	FINE AMERICAS INC	Runkle, Erik	HORTICULTURE - MSUE	UNRESTRICTED GIFT IN SUPPORT OF PGR USES IN FLORICULTURE CROPS.
530	\$10,000	OSRAM OPTO SEMICONDUCTORS, INC.	Runkle, Erik	HORTICULTURE - MSUE	UNRESTRICTED GIFT IN SUPPORT OF FLORICULTURE RESEARCH.
531	\$24,343	US DEPT AGRICULTURE	Runkle, Erik	HORTICULTURE - MSUE	IMPROVED PRODUCTION METHODS: NORTH/SOUTH INITIATIVE.
532	\$12,000	BAYER CROPS SCIENCE SA-NV	Zandstra, Bernard	HORTICULTURE - MSUE	UNRESTRICTED GIFT IN SUPPORT OF RESEARCH.
533	\$11,050	DOW AGROSCIENCES	Zandstra, Bernard	HORTICULTURE - MSUE	UNRESTRICTED GIFT IN SUPPORT OF RESEARCH.
534	\$8,000	VAN DRUNEN FARMS	Zandstra, Bernard	HORTICULTURE - MSUE	UNRESTRICTED GIFT TO SUPPORT PROGRAMS IN THE DEPARTMENT OF HORTICULTURE.

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535	\$49,389	UNITED STATES FISH AND WILDLIFE SERVICE	Cuthrell, David	NATURAL FEATURES INVENTORY MSUE	STATUS ASSESSMENT OF PITCHER'S THISTLE: ACQUIRING CONTEMPORARY INFORMATION FOR RECOVERY PLANNING AND FIVE-YEAR REVIEWS
536	\$12,262	UNITED STATES FISH AND WILDLIFE SERVICE	Cuthrell, David	NATURAL FEATURES INVENTORY MSUE	POWESHIEK SKIPPERLING SURVEYS IN MICHIGAN
537	\$95,044	UNITED STATES FISH AND WILDLIFE SERVICE	Hyde, Daria	NATURAL FEATURES INVENTORY MSUE	BUILDING LOCAL CAPACITY TO RESTORE AND PROTECT HINE'S EMERALD DRAGONFLY HABITAT
538	\$17,402	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Paskus, John	NATURAL FEATURES INVENTORY MSUE	MAUMEE LAKEPLAIN IEF COLLABORATION WITH DNR AND MDOT
539	\$140,825	UNITED STATES FISH AND WILDLIFE SERVICE	Paskus, John	NATURAL FEATURES INVENTORY MSUE	DEVELOPING A REGIONAL FRAMEWORK FOR THE STATE WILDLIFE ACTION PLANS IN UP/GL LCC
540	\$10,000	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Slaughter, Bradford	NATURAL FEATURES INVENTORY MSUE	PRAIRIE FEN AND ASSOCIATED SAVANNA RESTORATION IN MICHIGAN AND INDIANA FOR SPECIES OF GREATEST CONSERVATION NEED
541	\$48,295	MI PHYS. FITNESS - HEALTH & SPORTS FDTN	Beyea, Wayne	SCHL OF PLANNING,DESIGN&CNS T-MSUE	MY POWER IV
542	\$49,991	NEBRASKA UNIVERSITY OF	Beyea, Wayne	SCHL OF PLANNING,DESIGN&CNS T-MSUE	2013 LAND USE PLANNING COP OPTIMIZATION WORK PLAN
	VICE PRES RESEARCH AND GRADUATE STUDIES				
543	\$10,545,630	BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN	Walton, Jonathan	GREAT LAKES BIOENERGY RESEARC CTR VPRGS	GREAT LAKES BIOENERGY RESEARCH CENTER
544	\$41,166	ILLINOIS UNIV OF -	Colbry, Dirk	INSTITUTE FOR CYBER-ENABLED RESEARCH	XSEDE: XTREME SCIENCE AND ENGINEERING DISCOVERY ENVIRONMENT
545	\$17,264	ENANTIGEN THERAPEUTICS, INC	Dority, Michael	REGULATORY AFFAIRS, OFFICE OF	INVIVO FACILITY
546	\$23,027	IMMUVEN, INC	Dority, Michael	REGULATORY AFFAIRS, OFFICE OF	INVIVO FACILITY
547	\$6,664	LA JOLLA PHARMACEUTICAL COMPANY	Dority, Michael	REGULATORY AFFAIRS, OFFICE OF	INVIVO FACILITY

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548	\$7,016	LONDON UNIVERSITY OF	Dority, Michael	REGULATORY AFFAIRS, OFFICE OF	INVIVO FACILITY
549	\$194,702	MICHIGAN UNIVERSITY OF	Hasemann, Charles	RESEARCH & GRADUATE STUDIES VICE PRES	MICHIGAN CORPORATE RESEARCH NETWORK (MCRN)
550	\$1,940,000	MSU FOUNDATION	Hsu, Stephen	RESEARCH & GRADUATE STUDIES VICE PRES	MSU TECHNOLOGIES / MSU INNOVATION CENTER
551	\$981,210	MSU FOUNDATION	Hsu, Stephen	RESEARCH & GRADUATE STUDIES VICE PRES	STRATEGIC PARTNERSHIP GRANT (RC066533)
552	\$717,550	MSU FOUNDATION	Hsu, Stephen	RESEARCH & GRADUATE STUDIES VICE PRES	FACILITATION GRANT (RG072997)
	VICE PRES FOR STUDENT AFFAIRS AND SERVICES				
553	\$210,168	EDUCATION U.S. DEPT OF	Maybank, Denise	STUDENT AFFAIRS & SERVICES VICE PRES	CCAMPIS-"SPARTAN KIDS" CHILD CARE GRANT
	GRADUATE SCHOOL DEAN				
554	\$743,133	NATIONAL SCIENCE FOUNDATION	Campa, Henry	GRADUATE SCHOOL DEAN	MOOC-SUPPORTED LEARNING COMMUNITIES FOR FUTURE STEM FACULTY: MULTIPLE PATHS TO ADVANCE EVIDENCE-BASED TEACHING ACROSS THE NATION
555	\$250,000	NATIONAL SCIENCE FOUNDATION	Jackson, Julius	GRADUATE SCHOOL DEAN	CENTER FOR ACADEMIC AND FUTURE FACULTY EXCELLENCE (CAFFE)
556	\$370,000	NATIONAL SCIENCE FOUNDATION	Klomprens, Karen	GRADUATE SCHOOL DEAN	COLLABORATIVE RESEARCH: AGEP-T: MENTORING AND COMMUNITY BUILDING TO ACCELERATE SUCCESSFUL PROGRESSION INTO THE PROFESSORiate
	UNIVERSITY ADVANCEMENT				
557	\$11,512,037	VARIOUS DONORS	Groves, Robert	VICE PRESIDENT UNIVERSITY ADVANCEMENT	GIFTS TO MSU FOR PERIOD JULY THROUGH SEPTEMBER 2013

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	V.P. FINANCE AND OPERATIONS AND TREASURER				
558	\$13,073	MI CRIMINAL JUSTICE	Dunlap, James	DEPARTMENT OF POLICE AND PUBLIC SAFETY	IN SERVICE TRAINING OF POLICE OFFICERS
559	\$5,521	MSU FOUNDATION	Udpa, Satish	FINANCE & OPERATIONS VP & TREASURER	SALARIES AND FRINGES PAID FOR FISCAL YEAR 2013-14
560	\$1,183,881	VARIOUS DONORS	Udpa, Satish	FINANCE & OPERATIONS VP & TREASURER	QUARTERLY GIFT/GRANT TRANSFERS
561	\$822,604	VARIOUS DONORS	Udpa, Satish	FINANCE & OPERATIONS VP & TREASURER	QUARTERLY GIFT/GRANT TRANSFERS
562	\$551,856	HEALTH & HUMAN SERV US DEPT OF	Rivard, Renee	HUMAN RESOURCES ASST VICE PRESIDENT	FEDERAL ERRP PROGRAM
	Various				
563	\$487,694	VARIOUS	Various	Various	191 CONSOLIDATED GRANTS WITH INDIVIDUAL VALUES LESS THAN \$5000. DETAILS ON FILE IN CONTRACT & GRANT ADMINISTRATION
	\$124,482,579	Total December 2013 Board			

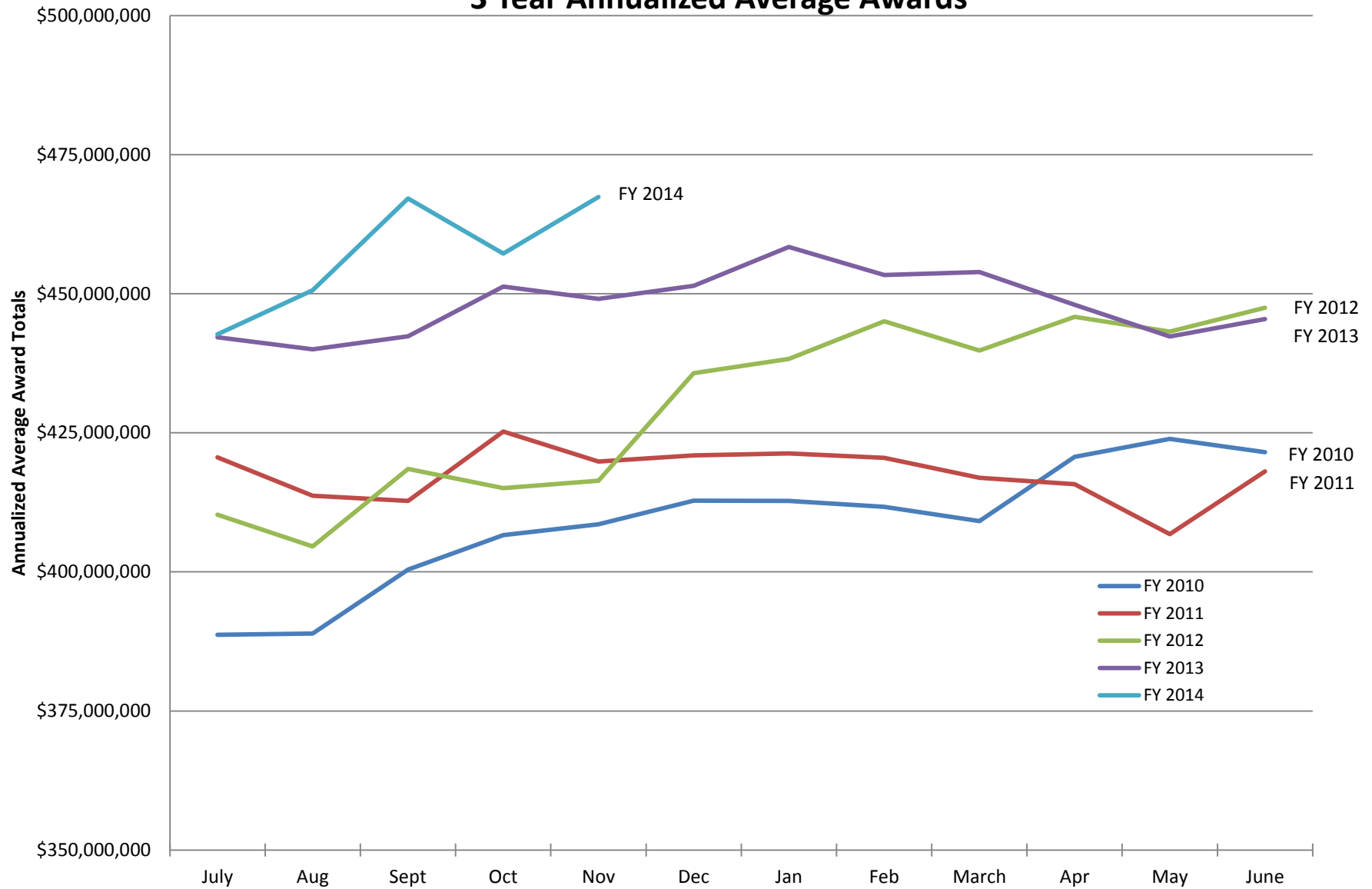
**CONSIGNMENT/NON-CASH GIFTS
BOARD OF TRUSTEES
DECEMBER 2013**

GIFT NO.	GIFT	DONOR	DEPARTMENT NAME	ESTIMATED VALUE	PURPOSE OR USE
1	Two A&D dynamometer test cells and associated test cell equipment	MAHLE	Mechanical Engineering	\$160,000.00	Instructional activities
2	Terry Winters (American, born 1949) <i>Asphaltum</i> , 1986 Oil on linen 88 x 120 inches	The Broad Revocable Trust	Eli & Edythe Broad Art Museum	\$150,000.00	Donation to the Eli & Edythe Broad Art Museum
3	Flood damage repair & synthetic turf installation to the DeMartin Soccer Complex	Brian Storm	Spartan Fund – Athletics	\$ 86,632.58	Flood damage repair & synthetic turf installation to the DeMartin Soccer Complex.
4	Reception for various Athletic Events including the Hockey Training Table	Tropo's	Spartan Fund – Athletics	\$ 30,890.00	Food & beverages for various Athletic Events including the Hockey Training Table.
5	Ben Aronson (American, born 1958) <i>Under the El, Chicago</i> , 2003 Oil on linen 50 x 40 inches	Mr. & Mrs. Martin Karlin	Eli & Edythe Broad Art Museum	\$ 30,000.00	Donation to the Eli & Edythe Broad Art Museum
6	Video equipment	Quantum Ventures of Michigan, LLC Bob Skandalaris	Intercollegiate Athletics / Spartan Fund	\$ 18,037.69	Donation to the Athletic department
7	One two-volume limited edition (173/400) of "The Holy Bible" containing all the Books of the Old and New Testaments, published by Pennyroyal Caxton Press, North Hatfield, MA & NYC, 1999; illustrated with engravings	Kovner Philanthropy Bruce & Suzie Kovner	Libraries	\$ 8,000.00	MSU Libraries' Special Collections
8	Books & related ephemera: Pinocchio Collection	Shirley Sliker	Libraries	\$5,044.50	MSU Libraries' Special Collections

**CONSIGNMENT/NON-CASH GIFTS
BOARD OF TRUSTEES
DECEMBER 2013**

9	David Hollister papers	David Hollister	University Archives & Historical Collections	\$5,000.00	Research at the MSU Archives & Historical Collections
10	Andre Blay collection of Magnetic Video Corporation and Embassy records, personal materials, memorabilia and two laser disc players	Andre & Nancy Blay	University Archives & Historical Collections	\$5,000.00	Research at the MSU Archives & Historical Collections
11	"Emily" 8 year old Tennessee Walking Horse	Roderick V. Thompson	Large Animal Clinical Sciences	\$5,000.00	Dr. Robinson Equine Pulmonary Research
12-89	Various	Various	Various	\$77,658.63	78 Consolidated non-cash gifts for individual values less than \$5,000 details on file in the Contract & Grant Administration Office, Room 2 Hannah Administration Building.
			TOTAL	\$581,263.40	

Michigan State University 3 Year Annualized Average Awards



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

**Award Data Prior to January 2011 Prorated based on Board Report Dates and Totals (Pre-KFS)