

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

April 7, 2014

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 January 14, 2014 through April 2, 2014. The report is a compilation of 633 Gifts, Grants and Contracts plus 116 Consignment/Non-Cash Gifts, with a total value of \$168,349,671.



FY 2013-14 TOTALS:

- | | |
|---|---------------|
| a) Gifts, Grants and Contracts only: | \$465,742,046 |
| b) Gifts, Grants and Contracts plus Consignments: | \$468,113,029 |
- (Consignments are Non-Cash Gifts and Non-Cash Loans)

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

Stephen Hsu
Vice President

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RESOLUTION:

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

Current Period / Year to Date

Gift & Grant Awards

Meeting Date: 4/22/2014

AWARD TOTALS

Research			
01/14/14-04/02/14		13-14	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	\$85,016,674	\$258,964,766	82.4%
State of Michigan	\$4,029,062	\$9,329,639	3.0%
Other	\$3,073,996	\$9,235,082	2.9%
Industry/CO	\$12,890,513	\$16,715,425	5.3%
Foundation	\$2,881,245	\$17,846,609	5.7%
Association	\$973,118	\$2,363,926	0.8%
TOTAL	\$108,864,609	\$314,455,448	100%

Non-Research			
01/14/14-04/02/14		13-14	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	\$8,740,847	\$42,773,139	28.3%
State of Michigan	\$429,366	\$2,774,723	1.8%
Other	\$43,969,071	\$88,218,519	58.3%
Industry/CO	\$4,476,889	\$7,879,846	5.2%
Foundation	\$555,186	\$1,403,439	0.9%
Association	\$378,210	\$8,236,932	5.4%
TOTAL	\$58,549,570	\$151,286,599	100%

Total			
01/14/14-04/02/14		13-14	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	\$93,757,521	\$301,737,905	64.8%
State of Michigan	\$4,458,428	\$12,104,362	2.6%
Other	\$47,043,068	\$97,453,601	20.9%
Industry/CO	\$17,367,403	\$24,595,271	5.3%
Foundation	\$3,436,432	\$19,250,048	4.1%
Association	\$1,351,328	\$10,600,858	2.3%
TOTAL	\$167,414,179	\$465,742,046	100%

OF AWARDS

Research			
01/14/14-04/02/14		13-14	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	173	828	47.9%
State of Michigan	25	89	5.2%
Other	83	219	12.7%
Industry/CO	89	261	15.1%
Foundation	22	131	7.6%
Association	56	199	11.5%
TOTAL	448	1727	100%

Non-Research			
01/14/14-04/02/14		13-14	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	46	194	25.6%
State of Michigan	9	36	4.8%
Other	28	106	14.0%
Industry/CO	77	358	47.3%
Foundation	18	44	5.8%
Association	7	19	2.5%
TOTAL	185	757	100%

Total			
01/14/14-04/02/14		13-14	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	219	1022	41.1%
State of Michigan	34	125	5.0%
Other	111	325	13.1%
Industry/CO	166	619	24.9%
Foundation	40	175	7.0%
Association	63	218	8.8%
TOTAL	633	2484	100%

Current Year / Previous Year

Gift & Grant Awards

Meeting Date: 4/22/2014

AWARD TOTALS

Research			
<u>Gift/Grant Source</u>	<u>06/05/12-03/27/13</u>	<u>05/24/13-04/02/14</u>	<u>% Change</u>
Federal Government	\$161,503,997	\$258,964,766	60.3%
State of Michigan	\$10,576,346	\$9,329,639	-11.8%
Other	\$12,457,799	\$9,235,082	-25.9%
Industry/CO	\$6,595,284	\$16,715,425	153.4%
Foundation	\$24,769,273	\$17,846,609	-28.0%
Association	\$2,763,671	\$2,363,926	-14.5%
TOTAL	\$218,666,370	\$314,455,448	44%

Non-Research			
<u>Gift/Grant Source</u>	<u>06/05/12-03/27/13</u>	<u>05/24/13-04/02/14</u>	<u>% Change</u>
Federal Government	\$37,948,679	\$42,773,139	12.7%
State of Michigan	\$7,305,086	\$2,774,723	-62.0%
Other	\$81,624,328	\$88,218,519	8.1%
Industry/CO	\$4,318,928	\$7,879,846	82.4%
Foundation	\$52,490,275	\$1,403,439	-97.3%
Association	\$7,244,161	\$8,236,932	13.7%
TOTAL	\$190,931,457	\$151,286,599	-21%

Total			
<u>Gift/Grant Source</u>	<u>06/05/12-03/27/13</u>	<u>05/24/13-04/02/14</u>	<u>% Change</u>
Federal Government	\$199,452,677	\$301,737,905	51.3%
State of Michigan	\$17,881,432	\$12,104,362	-32.3%
Other	\$94,082,127	\$97,453,601	3.6%
Industry/CO	\$10,914,212	\$24,595,271	125.4%
Foundation	\$77,259,547	\$19,250,048	-75.1%
Association	\$10,007,832	\$10,600,858	5.9%
TOTAL	\$409,597,827	\$465,742,046	14%

OF AWARDS

Research			
<u>Gift/Grant Source</u>	<u>06/05/12-03/27/13</u>	<u>05/24/13-04/02/14</u>	<u>% Change</u>
Federal Government	727	828	13.9%
State of Michigan	90	89	-1.1%
Other	200	219	9.5%
Industry/CO	327	261	-20.2%
Foundation	99	131	32.3%
Association	228	199	-12.7%
TOTAL	1671	1727	3%

Non-Research			
<u>Gift/Grant Source</u>	<u>06/05/12-03/27/13</u>	<u>05/24/13-04/02/14</u>	<u>% Change</u>
Federal Government	188	194	3.2%
State of Michigan	61	36	-41.0%
Other	106	106	0.0%
Industry/CO	319	358	12.2%
Foundation	57	44	-22.8%
Association	23	19	-17.4%
TOTAL	754	757	0%

Total			
<u>Gift/Grant Source</u>	<u>06/05/12-03/27/13</u>	<u>05/24/13-04/02/14</u>	<u>% Change</u>
Federal Government	915	1022	11.7%
State of Michigan	151	125	-17.2%
Other	306	325	6.2%
Industry/CO	646	619	-4.2%
Foundation	156	175	12.2%
Association	251	218	-13.1%
TOTAL	2425	2484	2%

Top 10 Awards for the April 22, 2014 BOT Meeting

Rank	Funding Type	Award Amount	First PI	Grantor	Dept	New or Revision	Function	Project Dates	Title
1	Federal Government	\$42,114,993	Glasmacher, Thomas	ENERGY US DEPT OF	FACILITY FOR RARE ISOTOPE BEAMS	Revision	Research	5/1/2009 9/30/2014	FACILITY FOR RARE ISOTOPE BEAMS (FRIB)
2	Federal Government	\$8,626,883	Hegg, Eric	ENERGY US DEPT OF	GREAT LAKES BIOENERGY RESEARC CTR VPRGS	Revision	Research	9/30/2007 11/30/2014	GREAT LAKES BIOENERGY RESEARCH CENTER
3	Industry/CO	\$6,000,000	Closs, David	DOW CHEMICAL CO	DEPARTMENT OF SUPPLY CHAIN MANAGEMENT	New	Research	12/1/2013 12/1/2018	THE MIDLAND RESEARCH INSTITUTE FOR VALUE CHAIN CREATION
4	Federal Government	\$4,999,885	Goodman, Erik	National Science Foundation	BIO/ COMPUTATION AL EVOLUTION IN ACTION		Research	8/1/2010 7/31/2015	BEACON: AN NSF CENTER FOR THE STUDY OF EVOLUTION IN ACTION
5	Industry/CO	\$4,000,000	Closs, David	DOW CORNING CORP	DEPARTMENT OF SUPPLY CHAIN MANAGEMENT	New	Research	12/1/2013 12/1/2018	MIDLAND RESEARCH INSTITUTE FOR VALUE CHAIN CREATION
6	Industry/CO	\$2,800,667	Gunnings-Moton, Sonya	WIPRO, LTD	EDUCATION DEAN	New	Education	12/18/2013 5/15/2017	THE WIPRO URBAN STEM FELLOWSHIP PROGRAM AT MICHIGAN STATE UNIVERSITY
7	Foundation	\$2,000,000	Closs, David	DOW CHEMICAL CO FOUNDATION	DEPARTMENT OF SUPPLY CHAIN MANAGEMENT	New	Research	12/1/2013 12/1/2018	THE MIDLAND RESEARCH INSTITUTE FOR VALUE CHAIN CREATION
8	Other	\$1,670,093	Bragg, Bruce	Munson Medical Center	THE INSTITUTE FOR HEALTH POLICY	New	Public Service	10/1/2013 9/30/2014	PROMOTION OF HEALTH CARE/PUBLIC HEALTH
9	Federal Government	\$1,611,833	Klomprens, Karen	National Science Foundation	GRADUATE SCHOOL DEAN	New	Education	3/1/2014 2/28/2019	NSF GRADUATE RESEARCH FELLOWSHIP PROGRAM
10	Industry/CO	\$1,246,555	Holmes, Denise	ALLIANCE CORPORATION	CHM WEST MICHIGAN	Revision	Research	3/13/2014 3/13/2015	MSU-ALLIANCE TRANSLATIONAL HEALTH RESEARCH IN GRAND RAPIDS
		\$75,070,909							

	Gift, Grant and Contract Report Board Of Trustees April 2014				
	Amount	Donor	Director	Unit	Purpose
	COLLEGE OF AGRICULTURE & NATURAL RESOURCES				
1	\$504,822	AGENCY FOR INTERNATL DEVELOPMENT	Boughton, Duncan	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	IMPACT EVALUATION AND STRENGTHENING LOCAL CAPACITY TO MONITOR AND EVALUATE FOOD SECURITY PROGRAMS IN CAMBODIA
2	\$41,068	COOPERATIVE LEAGUE OF THE USA	Maredia, Mywish	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	TECHNICAL ASSISTANCE FOR IMPACT EVALUATION OF THE YAAJEENDE SENEGAL AGRICULTURAL DEVELOPMENT PROJECT FOR FOOD SECURITY
3	\$195,257	DELEGATION OF THE EUROPEAN UNION TO MALI	Therault, Veronique	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	ENHANCING AGRICULTURAL VALUE CHAIN CONTRIBUTIONS TO AGRICULTURAL GROWTH, FOOD SECURITY, AND NUTRITION IN MALI
4	\$608,026	AGENCY FOR INTERNATL DEVELOPMENT	Tschirley, David	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	STRENGTHENING AGRICULTURE, FOOD SECURITY AND NUTRITION POLICY IN MOZAMBIQUE
5	\$600,000	FLORIDA UNIV OF	Tschirley, David	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	TRILATERAL COOPERATION-FOOD SECURITY USAID, BRAZIL, MOZAMBIQUE
6	\$218,781	NATL INST OF HEALTH - NIH/PHS	Wu, Felicia	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	THE EFFECT OF AFLATOXIN REGULATION ON GLOBAL LIVER CANCER RISKS
7	\$25,707	PURDUE UNIV	Wu, Felicia	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	INTEGRATED MANAGEMENT STRATEGIES FOR ASPERGILLUS AND FUSARIUM EAR ROTS OF CORN
8	\$235,286	UNIVERSITY OF IDAHO	Wu, Felicia	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	RISK ASSESSMENT AND INTERVENTION STRATEGIES FOR THE EMERGING FOOD SAFETY THREAT OF OCHRATOXIN IN THE UNITED STATES
9	\$5,865	FUR COMMISSION USA	Campbell, Dana	ANIMAL SCIENCE DEPARTMENT - ANR	EFFECTS OF ENRICHMENT REMOVAL ON THE BEHAVIORAL WELFARE OF AMERICAN MINK (NEOVISON VISION)
10	\$136,492	COLORADO STATE UNIV	Joshi, Nanda	ANIMAL SCIENCE DEPARTMENT - ANR	IMPROVING NUTRITION AND PRODUCTIVITY OF BUFFALOES TO ADAPT TO THE IMPACTS OF CLIMATE CHANGE IN NEPAL
11	\$318,513	NATL INST OF HEALTH - NIH/PHS	Latham, Keith	ANIMAL SCIENCE DEPARTMENT - ANR	EPIGENETIC LINKS FROM OOCYTE TO POSTNATAL HEALTH - R01 PENDING
12	\$503,518	ARMY US CORPS OF ENGINEERS	Zwiernik, Matthew	ANIMAL SCIENCE DEPARTMENT - ANR	WASHINGTON GROUND SQUIRREL MONITORING AT NAVAL WEAPONS SYSTEMS TRAINING FACILITY BOARDMAN, MORROW COUNTY, OREGON

**Gift, Grant and Contract Report
Board Of Trustees
April 2014**

	Amount	Donor	Director	Unit	Purpose
13	\$250,000	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Liao, Wei	BIOSYSTEMS & AGRICULTURAL ENGINEERING	DEVELOPMENT AND DEMONSTRATION OF SCALABLE AND ECONOMIC WASTE TREATMENT AND UTILIZATION SYSTEMS FOR SMALL-SCALE MEAT PROCESSING FACILITIES
14	\$32,876	CONSUMERS ENERGY	Surbrook, Truman	BIOSYSTEMS & AGRICULTURAL ENGINEERING	MICHIGAN AG ELECTRIC COUNCIL
15	\$16,438	MICH ELECTRIC COOPERATIVE ASSOC	Surbrook, Truman	BIOSYSTEMS & AGRICULTURAL ENGINEERING	MICHIGAN AG ELECTRIC COUNCIL
16	\$100,000	MICHIGAN ENERGY OFFICE	Surbrook, Truman	BIOSYSTEMS & AGRICULTURAL ENGINEERING	MICHIGAN FARM & RURAL BUSINESS ENERGY AUDIT & RENEWABLE ENERGY ASSISTANCE PROJECT
17	\$19,379	INTL RESOURCES GROUP	Clay, Daniel	CENTER FOR GLOBAL CONNECTIONS CGC	USAID INCREASED FOOD SECURITY SAGIC T/O #5
18	\$100,000	VIRGINIA POLYTECHNIC INST	Maredia, Karimbhai	CENTER FOR GLOBAL CONNECTIONS CGC	DEVELOPMENT AND DELIVERY OF ECOLOGICALLY-BASED IPM PACKAGES FOR FIELD AND VEGETABLE CROP SYSTEMS IN CENTRAL ASIA
19	\$92,335	US GEOLOGICAL SURVEY	Bartholic, Jon	DEPARTMENT OF COMMUNITY SUSTAINABILITY	USGS 104(B) NATURAL RESOURCES INTEGRATED INFORMATION SYSTEM
20	\$89,000	US DEPT AGRICULTURE	Mahoney, Edward	DEPARTMENT OF COMMUNITY SUSTAINABILITY	USDA'S NATIONAL FARMERS MARKET DIRECTORY -- 2014 UPDATE
21	\$153,232	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Grieshop, Matthew	ENTOMOLOGY AGRICULTURE AND NATURAL RES	FURTHER DEVELOPMENT AND APPLICATION OF AN ATTRACT AND KILL TACTIC FOR PESTS OF MICHIGAN SPECIALTY CROPS
22	\$59,498	THE CERES TRUST	Grieshop, Matthew	ENTOMOLOGY AGRICULTURE AND NATURAL RES	DEVELOPMENT AND DELIVERY OF COMPREHENSIVE ORCHARD FLOOR MANAGEMENT TACTICS TO PROMOTE NATURAL PEST MANAGEMENT AND ENHANCED SOIL QUALITY
23	\$57,125	THE CERES TRUST	Grieshop, Matthew	ENTOMOLOGY AGRICULTURE AND NATURAL RES	DEVELOPMENT AND DELIVERY OF "LIVING PEST MANAGEMENT" FOR ORGANIC GREENHOUSES AND LOCAL FOOD SYSTEMS"
24	\$12,000	MBG MARKETING	Isaacs, Rufus	ENTOMOLOGY AGRICULTURE AND NATURAL RES	COMBATING SWD IN MICHIGAN BLUEBERRY CROPS
25	\$74,545	MICHIGAN BLUEBERRY ADVISORY COMMITTEE	Isaacs, Rufus	ENTOMOLOGY AGRICULTURE AND NATURAL RES	PEST RESEARCH AND EXTENSION TO MAINTAIN THE SHORT- AND LONG-TERM COMPETITIVENESS OF THE MICHIGAN BLUEBERRY INDUSTRY

	Gift, Grant and Contract Report Board Of Trustees April 2014				
	Amount	Donor	Director	Unit	Purpose
26	\$20,103	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Isaacs, Rufus	ENTOMOLOGY AGRICULTURE AND NATURAL RES	BIOLOGY AND MANAGEMENT OF INVASIVE INSECT PESTS IN MICHIGAN VINEYARDS
27	\$17,619	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Isaacs, Rufus	ENTOMOLOGY AGRICULTURE AND NATURAL RES	MICHIGAN VINEYARD IPM EXTENSION PROGRAM
28	\$49,401	SYNGENTA CROP PROTECTION INC	Isaacs, Rufus	ENTOMOLOGY AGRICULTURE AND NATURAL RES	GROWING PROGRAMS OF ENTOMOLOGY
29	\$200,791	US DEPT AGRICULTURE	Isaacs, Rufus	ENTOMOLOGY AGRICULTURE AND NATURAL RES	COMBINING TACTICS FOR SUSTAINABLE INSECT AND WEED PEST MANAGEMENT IN VINEYARDS
30	\$40,239	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Isaacs, Rufus	ENTOMOLOGY AGRICULTURE AND NATURAL RES	INTERACTIONS OF PEST MANAGEMENT AND CONSERVATION PLANTINGS: EFFECTS OF INSECTICIDES ON BEES AND NATURAL ENEMIES
31	\$150,000	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Whalon, Mark	ENTOMOLOGY AGRICULTURE AND NATURAL RES	MAXIMUM RESIDUE LIMITS FOR SAFEGUARDING LOCALLY MARKETED AND EXPORTED APPLES AND CHERRIES FROM MICHIGAN GROWERS AND PRODUCERS
32	\$17,989	CHERRY MARKETING INSTITUTE	Wilson, Julianna	ENTOMOLOGY AGRICULTURE AND NATURAL RES	TREE FRUIT INTEGRATOR POSITION
33	\$30,211	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Bence, James	FISHERIES & WILDLIFE	STATISTICAL CATCH-AT-AGE ASSESSMENT OF MICHIGAN BLACK BEAR DYNAMICS
34	\$24,825	USDA - ANIMAL AND PLT HTL INSP SER	Campa, Henry	FISHERIES & WILDLIFE	ESTIMATE DAILY UPTAKE OF PROPOSED BOVINE TUBERCULOSIS VACCINE-DELIVERY BAIT USING VIDEO SURVEILLANCE OF MARKED FREE-RANGING WHITETAILED DEER IN MICHIGAN
35	\$51,331	GREAT LAKES FISHERIES COMMISSION	Chung-Davidson, Yu-Wen	FISHERIES & WILDLIFE	SEA LAMPREY PHEROMONES MODULATE LOCOMOTOR RHYTHMICITY
36	\$100,751	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Infante, Dana	FISHERIES & WILDLIFE	SUPPORT FOR REVISION OF STATE WILDLIFE ACTION PLAN
37	\$89,133	GREAT LAKES FISHERIES COMMISSION	Li, Weiming	FISHERIES & WILDLIFE	TECHNICAL ASSISTANCE TO SUPPORT EOG EXPERIMENTS FOR DEVELOPMENT OF ADDITIONAL SEA LAMPREY CONTROL AGENTS
38	\$47,200	GREAT LAKES FISHERIES COMMISSION	Li, Weiming	FISHERIES & WILDLIFE	TECHNICAL ASSISTANCE WITH FIELD AND LABORATORY RESEARCH

	Gift, Grant and Contract Report Board Of Trustees April 2014				
	Amount	Donor	Director	Unit	Purpose
39	\$154,983	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Porter, William	FISHERIES & WILDLIFE	FACILITATING URBAN-SUBURBAN DEER MANAGEMENT IN MICHIGAN: SOCIAL, SPATIAL, AND POPULATION CONSIDERATIONS
40	\$87,007	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Riley, Shawn	FISHERIES & WILDLIFE	AN EVALUATION OF MOVING TO A LEARNING ORGANIZATION IN THE WILDLIFE DIVISION: MEASURING COLLABORATION, TRUST, PERFORMANCE AND EFFECTIVENESS OF DECISIONS
41	\$95,270	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Roloff, Gary	FISHERIES & WILDLIFE	UNDERSTANDING HABITAT, BREEDING ECOLOGY, AND DISEASES OF FERAL SWINE IN MICHIGAN TO INFORM EFFECTIVE MANAGEMENT
42	\$90,193	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Roloff, Gary	FISHERIES & WILDLIFE	FACTORS INFLUENCING SNOWSHOE HARE OCCUPANCY AND ABUNDANCE
43	\$7,133	UNIVERSITY OF WISCONSIN - MILWAUKEE	Rose, Joan	FISHERIES & WILDLIFE	URBAN POLLUTION FOOTPRINTS ON THE GREAT LAKES
44	\$60,491	GREAT LAKES FISHERIES COMMISSION	Scribner, Kim	FISHERIES & WILDLIFE	JOINT ANALYSIS OF GENETIC AND AGE DATA TO ESTIMATE TRENDS IN STRAIN-SPECIFIC RECRUITMENT OF EMERGING WILD LAKE TROUT POPULATIONS IN LAKE HURON
45	\$172,800	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Scribner, Kim	FISHERIES & WILDLIFE	DEVELOPMENT OF SCIENCE-BASED RESOURCES TO FACILITATE IMPLEMENTATION OF MICHIGAN'S LAKE STURGEON RESTORATION PLAN
46	\$5,739	GREAT LAKES FISHERIES COMMISSION	Stott, Wendylee	FISHERIES & WILDLIFE	GENETIC ANALYSIS OF SANDER SAMPLES FROM THE OHIO RIVER AND LAKE ERIE
47	\$7,350	MICHIGAN UNIVERSITY OF	Taylor, William	FISHERIES & WILDLIFE	GREAT LAKES ANGLER VOLUNTEER DATA COLLECTION PROGRAM DEVELOPMENT (2012 COASTAL COMMUNITY DEVELOPMENT)
48	\$74,119	GREAT LAKES FISHERIES COMMISSION	Wagner, Michael	FISHERIES & WILDLIFE	BEHAVIORAL AND CHEMICAL ELUCIDATION OF THE SEA LAMPREY ALARM SUBSTANCE
49	\$92,584	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.
50	\$17,000	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Winterstein, Scott	FISHERIES & WILDLIFE	IMPACTS OF HARVEST AND HABITAT CONDITIONS ON BREEDING MALLARD ABUNDANCE IN THE GREAT LAKES REGION.
51	\$485,149	CIMMYT INC	Derksen, Frederik	FOOD SCIENCE & HUM NUTRITION ANR	BORLAUG HIGHER EDUCATION AGRICULTURAL RESEARCH AND DEVELOPMENT PROGRAM (BHEARD)

	Gift, Grant and Contract Report Board Of Trustees April 2014				
	Amount	Donor	Director	Unit	Purpose
52	\$10,000	AMINO UP CHEMICAL CO., LTD.	Gardner, Elizabeth	FOOD SCIENCE & HUM NUTRITION ANR	TESTING OF A MUSHROOM-BASED NUTRACEUTICAL
53	\$5,292	SHASTA BEVERAGES, INC	Harte, Janice	FOOD SCIENCE & HUM NUTRITION ANR	MSU CONSUMER TESTING FOR BEVERAGE
54	\$25,000	KELLOGG W K COMPANY	Ng, Perry	FOOD SCIENCE & HUM NUTRITION ANR	IMPROVING MICHIGAN WHEAT QUALITY.
55	\$42,764	MICHIGAN WHEAT PROGRAM	Ng, Perry	FOOD SCIENCE & HUM NUTRITION ANR	INTERMEDIATE STAGE QUALITY TESTING OF MSU WHEAT BREEDING LINES FOR MILLING, BAKING, AND END-USE QUALITIES
56	\$339,500	CIMMYT INC	Song, Won	FOOD SCIENCE & HUM NUTRITION ANR	BHEARD MOZAMBIQUE TRAINING PROGRAM
57	\$975,000	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Strasburg, Gale	FOOD SCIENCE & HUM NUTRITION ANR	INFLUENCE OF THERMAL CHALLENGE ON TURKEY MUSCLE DEVELOPMENT AND MEAT QUALITY
58	\$26,036	OHIO STATE UNIVERSITY	Miesel, Jessica	FORESTRY	FIRE-SCIENCE NETWORK AND DELIVERY SYSTEM FOR FIRE-DEPENDENT ECOSYSTEMS OF THE NORTHERN LAKE STATES
59	\$8,400	PICKLE PACKERS INTERNATIONAL, INC	Grumet, Rebecca	HORTICULTURE - ANR	DEVELOPMENT OF GENETICS STOCKS FOR CUCUMBER FRUIT RESISTANCE TO PHYTOPHTHORA CAPSICI.
60	\$425,000	TECHNOSERVE	Widders, Irvin	HORTICULTURE - ANR	MEJORAMIENTO AGRICOLA SOSTENIBLE (MAS) - IMPROVING SUSTAINABLE AGRICULTURE
61	\$652,650	INTL INST FOR TROPICAL AGRICULTURE	Snapp, Sieglinde	KELLOGG BIOLOGICAL STATION AG. NAT. RES.	TRANSFORMING KEY PRODUCTION SYSTEMS: MAIZE MIXED EAST AND SOUTHERN AFRICA
62	\$22,500	BASF CORPORATION	Almenar Rosaleny, Eva	PACKAGING	EXPLORING THE UTILITY OF MOF TECHNOLOGY TO ENHANCE THE SHELF LIFE OF PACKAGED PERISHABLE FOOD AND OTHERS
63	\$34,311	VOLM COMPANIES, INC	Almenar Rosaleny, Eva	PACKAGING	STUDY ON THE SHELF LIFE OF FRESH POTATOES AS AFFECTED BY PACKAGING
64	\$13,000	USDA - ANIMAL AND PLT HTL INSP SER	Hammerschmidt, Ray	PLANT PATHOLOGY ANR	PHYTOPHTHORA RAMORUM PROGRAM DIAGNOSTICS FOR APHIS FUNDED SURVEY/REGULATORY INCIDENTS
65	\$12,000	BEET SUGAR DEVELOPMENT FOUND	Hanson, Linda	PLANT PATHOLOGY ANR	SOIL BORNE DISEASES OF SUGAR BEETS.
66	\$19,068	MICHIGAN DEPARTMENT OF AGRICULTURE	Schilder, Annemiek	PLANT PATHOLOGY ANR	IMPACTS OF GRAPEVINE LEAFROLL VIRUS ON CHARDONNAY VINES AND ROLE OF POTENTIAL VECTORS.
67	\$10,745	MICHIGAN DEPARTMENT OF AGRICULTURE	Schilder, Annemiek	PLANT PATHOLOGY ANR	OPTIMIZING FUNGICIDE USE AND TIMEING BASED ON WEATHER CONDITIONS.

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	Amount	Donor	Director	Unit	Purpose
68	\$15,000	SIPCAM AGRO USA INC	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURFGRASS DISEASES.
69	\$23,375	US DEPT AGRICULTURE	Kells, James	PLANT SOIL AND MICROBIAL SCIENCES	ACQUISITION OF GOODS AND SERVICES
70	\$5,853	US DEPT AGRICULTURE	Kells, James	PLANT SOIL AND MICROBIAL SCIENCES	ACQUISITION OF GOODS AND SERVICES
71	\$10,500	ISK BIOSCIENCES	Kirk, William	PLANT SOIL AND MICROBIAL SCIENCES	MANAGEMENT OF SOIL, SEED & FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
72	\$28,813	J.R. SIMPLOT COMPANY	Kirk, William	PLANT SOIL AND MICROBIAL SCIENCES	MANAGEMENT OF SEED, SOIL AND FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
73	\$7,500	MARRONE ORGANIC INNOVATIONS, INC.	Kirk, William	PLANT SOIL AND MICROBIAL SCIENCES	MANAGEMENT OF SOIL, SEED & FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
74	\$17,920	MICH POTATO INDUSTRY COMMISSION	Kirk, William	PLANT SOIL AND MICROBIAL SCIENCES	MANAGEMENT OF SOIL, SEED & FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
75	\$37,000	MICH SUGAR CO	Kirk, William	PLANT SOIL AND MICROBIAL SCIENCES	MANAGEMENT OF SOIL, SEED AND FOLIAR DISEASES.
76	\$8,000	SIPCAM AGRO USA INC	Kirk, William	PLANT SOIL AND MICROBIAL SCIENCES	MANAGEMENT OF SEED, SOIL AND FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
77	\$33,250	SYNGENTA CROP PROTECTION INC	Kirk, William	PLANT SOIL AND MICROBIAL SCIENCES	MANAGEMENT OF SOIL, SEED AND FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
78	\$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.
79	\$10,200	MARRONE ORGANIC INNOVATIONS, INC.	Schilder, Annemiek	PLANT SOIL AND MICROBIAL SCIENCES	EPIDEMIOLOGY & INTEGRATED MANAGEMENT OF SMALL FRUIT DISEASES.
80	\$8,500	AGRIUM ADVANCED TECHNOLOGIES	Steinke, Kurt	PLANT SOIL AND MICROBIAL SCIENCES	SOIL FERTILITY AND NUTRIENT MANAGEMENT STRATEGIES ACROSS AGRICULTURAL PRODUCTION SYSTEMS.
81	\$6,050	AGXPLORE INTERNATIONAL	Steinke, Kurt	PLANT SOIL AND MICROBIAL SCIENCES	SOIL FERTILITY AND NUTRIENT MANAGEMENT STRATEGIES ACROSS AGRICULTURAL PRODUCTION SYSTEMS.
82	\$60,578	CORN MARKETING PROGRAM OF MICHIGAN	Steinke, Kurt	PLANT SOIL AND MICROBIAL SCIENCES	INTEGRATING 4R NUTRIENT MANAGEMENT AND SOIL HEALTH TO OPTIMIZE MICHIGAN CORN PRODUCTION
83	\$5,800	HERBRUCK POULTRY RANCH	Steinke, Kurt	PLANT SOIL AND MICROBIAL SCIENCES	SOIL FERTILITY AND NUTRIENT MANAGEMENT STRATEGIES ACROSS AGRICULTURAL PRODUCTION SYSTEMS.
84	\$14,000	MICH SUGAR CO	Steinke, Kurt	PLANT SOIL AND MICROBIAL SCIENCES	SOIL FERTILITY AND NUTRIENT MANAGEMENT STRATEGIES ACROSS AGRICULTURAL PRODUCTION SYSTEMS.

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85	\$24,000	MOSAIC CROP NUTRITION LLC	Steinke, Kurt	PLANT SOIL AND MICROBIAL SCIENCES	SOIL FERTILITY AND NUTRIENT MANAGEMENT STRATEGIES ACROSS AGRICULTURAL PRODUCTION SYSTEMS.
86	\$7,200	BAYER CROPSOURCE SA-NV	Vargas, Joseph	PLANT SOIL AND MICROBIAL SCIENCES	MANAGEMENT OF TURF GRASS DISEASES.
87	\$7,200	NISSO AMERICA INC.	Vargas, Joseph	PLANT SOIL AND MICROBIAL SCIENCES	MANAGEMENT OF TURF GRASS DISEASES.
88	\$16,924	MICH SOYBEAN PROMOTION COMMITTEE	Wang, Dechun	PLANT SOIL AND MICROBIAL SCIENCES	SOYBEAN GENETICS/GENOMICS; TO IMPROVE PLANT PERFORMANCE.
89	\$50,000	UNIVERSITY OF ILLINOIS	Wang, Dechun	PLANT SOIL AND MICROBIAL SCIENCES	INCREASING PROFITS THROUGH GENETIC RESISTANCE TO SDS
90	\$26,600	MSU FEDERAL CREDIT UNION	Crawford, Patricia	SCHOOL OF PLANNING,DES,CONSTRUCTION-ANR	CREATING A WORLD CLASS MSU-FCU CAMPUS
91	\$38,940	SIGNAGE FOUNDATION, INC.	Crawford, Patricia	SCHOOL OF PLANNING,DES,CONSTRUCTION-ANR	FORM-BASED AND ON-PREMISE SIGNAGE STAKEHOLDER PERCEPTIONS AND SIGN LAW
92	\$16,600	INTERNATIONAL PARTNERING INSTITUTE	Korkmaz, Sinem	SCHOOL OF PLANNING,DES,CONSTRUCTION-ANR	EVIDENCE BASED RESEARCH FOR PARTNERING SUCCESS FACTORS
93	\$66,937	AMER SOCIETY OF INTERIOR DESIGNS FOUNDATION	Lee, Young-Sook	SCHOOL OF PLANNING,DES,CONSTRUCTION-ANR	KEY PERFORMANCE INDICATORS OF KNOWLEDGE WORKPLACE DESIGN PROMOTING KNOWLEDGE WORKER PERFORMANCE AND ECONOMIC COMPETITIVENESS
	COLLEGE OF ARTS AND LETTERS				
94	\$7,500	GORDON AND BETTY MOORE FOUNDATION	O'Rourke, Michael	PHILOSOPHY	COASTAL FOG ETHNOGRAPHY PROJECT
95	\$9,964	NATL COUNCIL OF TEACHERS OF ENGLISH	Fraiberg, Steven	WRITING, RHETORIC & AMERICAN CULTURE	TRACING CHINESE INTERNATIONAL STUDENTS' MULTILINGUAL AND MULTIMODAL LITERACY PRACTICES IN AND ACROSS TRANSLOCAL CONTEXTS
	ELI BROAD COLLEGE OF BUSINESS				
96	\$6,000,000	DOW CHEMICAL CO	Closs, David	DEPARTMENT OF SUPPLY CHAIN MANAGEMENT	THE MIDLAND RESEARCH INSTITUTE FOR VALUE CHAIN CREATION
97	\$2,000,000	DOW CHEMICAL CO FOUNDATION	Closs, David	DEPARTMENT OF SUPPLY CHAIN MANAGEMENT	THE MIDLAND RESEARCH INSTITUTE FOR VALUE CHAIN CREATION

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98	\$4,000,000	DOW CORNING CORP	Closs, David	DEPARTMENT OF SUPPLY CHAIN MANAGEMENT	MIDLAND RESEARCH INSTITUTE FOR VALUE CHAIN CREATION
99	\$50,150	MICHIGAN ECONOMIC DEVELOPMENT CORP	Hult, Tomas	INTERNATIONAL BUSINESS CENTER	INCREASING EXPORTS, EXPORT READINESS, AND EXPORT RESOURCES: A CUSTOMIZED APPROACH TO MICHIGAN'S BUSINESSES
	COLLEGE OF COMMUNICATION ARTS AND SCIENCES				
100	\$32,450	KAISER PERMANENTE	Dearing, James	COMMUNICATION	CRN CLINICAL COMMUNICATION RESEARCH CENTER
101	\$32,450	KAISER PERMANENTE	Dearing, James	COMMUNICATION	IMPLEMENTING CHESS EHEALTH BREAST CANCER SUPPORT IN POPULATION-BASED CARE
102	\$253,609	BRIGHAM YOUNG UNIVERSITY	Hunter, Eric	COMMUNICATIVE SCIENCES & DISORDERS - CAS	INFLUENCE OF SUBGLOTTIC ANATOMY ON VOICE PRODUCTION
103	\$45,035	MICHIGAN UNIVERSITY OF	Shrivastav, Rahul	COMMUNICATIVE SCIENCES & DISORDERS - CAS	SEXUAL DIMORPHISM OF NEURAL DEVELOPMENT UNDERLYING CHILDHOOD STUTTERING (SUPPLEMENT)
104	\$97,537	NATIONAL SCIENCE FOUNDATION	Wash, Richard	JOURNALISM	CAREER: EXPECTATIONS AND CRITICAL MASS IN ONLINE COMMUNITIES
105	\$222,500	ANALYTIC SERVICES, INC.	Bauer, Johannes	TELECOM, INFORMATION STUDIES & MEDIA	TELECOM MARKET AND TECHNOLOGY MODEL
106	\$1,185,583	NATIONAL SCIENCE FOUNDATION	Cotten, Shelia	TELECOM, INFORMATION STUDIES & MEDIA	INTERGRATING COMPUTING ACROSS THE CURRICULUM (ICAC)
107	\$15,805	FRANKEL JEWISH ACADEMY	Winn, Brian	TELECOM, INFORMATION STUDIES & MEDIA	SPARKS OF ETERNITY: EPISODE 1 - BREAKTHROUGH REVISIONS
	COLLEGE OF EDUCATION				
108	\$77,978	AZIM PREMJI FOUNDATION	Mishra, Punyashloke	COUNSELING, EDUC PSYCH & SPEC EDUC	STATEMENT OF WORK FOR PROPOSED CONTRACT WITH AZIM PREMJI FOUNDATION
109	\$176,536	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
110	\$270,000	VARIOUS SCHOOLS	Prawat, Richard	COUNSELING, EDUC PSYCH & SPEC EDUC	CONFUCIUS INSTITUTE CHINESE TEACHER CONTRACTS
111	\$2,800,667	WIPRO, LTD	Gunnings-Moton, Sonya	EDUCATION DEAN	THE WIPRO URBAN STEM FELLOWSHIP PROGRAM AT MICHIGAN STATE UNIVERSITY

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112	\$300,000	MICH ASSOC OF SCHOOL ADMINISTRATORS	Markle, Barbara	EDUCATION DEAN	COACHING 101 AND STATEWIDE SYSTEM OF SUPPORT - INTERVENTION SPECIALISTS AND DISTRICT IMPROVEMENT FACILITATORS
113	\$345,758	MICH ASSOC OF SCHOOL ADMINISTRATORS	Schneider, Barbara	EDUCATION DEAN	COLLEGE AMBITION PROGRAM (CAP) 2013-2014
114	\$9,500	JOE D. PENTECOST FOUNDATION	Covassin, Tracey	KINESIOLOGY - ED	CONCUSSION EDUCATION AND MANAGEMENT AMONG URBAN HIGH SCHOOL ATHLETES, PARENTS AND COACHES
115	\$68,641	ILLINOIS URBANA CHAMPAIGN UNIV OF	Pontifex, Matthew	KINESIOLOGY - ED	THE TRANSIENT EFFECTS OF SINGLE BOUTS OF EXERCISE ON COGNITIVE AND BRAIN HEALTH, AND SCHOLASTIC ACHIEVEMENT IN PREADOLESCENCE CHILDREN
116	\$49,425	WISCONSIN UNIV OF	Anderson, Charles	TEACHER EDUCATION	PLACE-BASED OPPORTUNITIES FOR SUSTAINABLE OUTCOMES AND HIGH-HOPES (POSOH)
117	\$22,681	UNIV OF NORTHERN COLORADO	Bartell, Tonya	TEACHER EDUCATION	CULTURE IN THE MATHEMATICS CLASSROOM” MATH TLC SUPPLEMENTAL GRANT PROPOSAL
	COLLEGE OF ENGINEERING				
118	\$113,765	NAVAL RESEARCH US OFFICE OF USDN	Albrecht, John	CHEMICAL ENGINEERING & MATERIALS SCIENCE	MODELING OF CHARGE CARRIER AND PHONON DYNAMICS IN SEMICONDUCTOR DEVICES UNDER EXTREME CONDITIONS
119	\$35,000	NORTHEASTERN UNIV	Calabrese Barton, Scott	CHEMICAL ENGINEERING & MATERIALS SCIENCE	DEVELOPMENT OF NOVEL NON PT GROUP METAL ELECTROCATALYSTS FOR PEM FUEL CELL APPLICATIONS
120	\$152,000	ENERGY US DEPT OF	Lunt, Richard	CHEMICAL ENGINEERING & MATERIALS SCIENCE	QUASIEPITAXIAL GROWTH OF ORGANIC CRYSTALLINE THIN-FILMS
121	\$67,523	UBIQUITOUS ENERGY, INC.	Lunt, Richard	CHEMICAL ENGINEERING & MATERIALS SCIENCE	STTR PHASE I: AUTONOMOUS ELECTROCHROMIC WINDOWS ENABLED BY VISIBLY TRANSPARENT ENERGY HARVESTING COATINGS
122	\$504,625	SOLID POWER BATTERY LLC	Sakamoto, Jeff	CHEMICAL ENGINEERING & MATERIALS SCIENCE	CERAMIC ELECTROLYTES ENABLING SOLID STATE BATTERIES
123	\$43,854	NATL ACADEMY OF SCIENCES	Chatti, Karim	CIVIL & ENVIRONMENTAL ENGINEERING	PERFORMANCE-RELATED SPECIFICATIONS FOR PAVEMENT PRESERVATION TREATMENTS
124	\$79,820	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA - DAVIS	Chatti, Karim	CIVIL & ENVIRONMENTAL ENGINEERING	VERIFICATION OF PAVEMENT STRUCTURE AND DEFLECTION EFFECTS ON VEHICLE FUEL ECONOMY

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125	\$72,876	ARMY US DEPT OF	Cupples, Alison	CIVIL & ENVIRONMENTAL ENGINEERING	DEVELOPMENT OF BIOMARKERS FOR ASSESSING IN SITU RDX BIODEGRADATION POTENTIAL A WHITE PAPER BASED ON LIMITED SCOPE PROJECT
126	\$74,240	ILLINOIS URBANA CHAMPAIGN UNIV OF	Cupples, Alison	CIVIL & ENVIRONMENTAL ENGINEERING	BIOLOGICAL AND BIOLOGICALLY MEDIATED ABIOTIC TRANSFORMATION OF CONTAMINANTS OF EMERGING CONCERN IN ANAEROBIC SOILS
127	\$32,217	NATL ACADEMY OF SCIENCES	Kodur, Venkatesh	CIVIL & ENVIRONMENTAL ENGINEERING	CAPACITY BUILDING IN PAKISTAN FOR FIRE RISK MANAGEMENT
128	\$500,000	MI ENVIRONMENTAL QUALITY	Kutay, Muhammed	CIVIL & ENVIRONMENTAL ENGINEERING	CRUMB RUBBER MOFIFIED ASPHALT PAVEMENTS WITH HIGH RECLAIMED ASPHALT PAVEMENT (RAP) CONTENT
129	\$22,302	POWERTHRU	Drzal, Lawrence	COMPOSITE MATERIALS & STRUCTURES CENTER	POWER-THRU FLYWHEEL PROJECT AUGUST 2013
130	\$63,664	WASHINGTON UNIVERSITY IN ST LOUIS	Brown, Titus	COMPUTER SCIENCE AND ENGINEERING	IMPROVEMENT OF THE CHICKEN REFERENCE GENOME
131	\$19,250	NATIONAL SCIENCE FOUNDATION	Chai, Joyce	COMPUTER SCIENCE AND ENGINEERING	SUPPORT FOR STUDENT PARTICIPATION IN ACM INTERNATIONAL CONFERENCE ON INTELLIGENT USER INTERFACES (IUI) 2014
132	\$8,000	STEVENS INSTITUTE OF TECHNOLOGY	Dillon, Laura	COMPUTER SCIENCE AND ENGINEERING	PEER-LED TEAM LEARNING CLASS IN COMPUTATIONAL THINKING
133	\$25,000	VAXTRAC	Jain, Anil	COMPUTER SCIENCE AND ENGINEERING	FINGERPRINT CAPTURE OF JUVENILES USING SMARTPHONES
134	\$55,000	WEST VIRGINIA UNIVERSITY	Jain, Anil	COMPUTER SCIENCE AND ENGINEERING	MODELS FOR AGE-INVARIANT FACE RECOGNITION
135	\$10,000	NEC LABORATORIES AMERICA INC	Jin, Rong	COMPUTER SCIENCE AND ENGINEERING	GIFT AWARD
136	\$116,588	WEST VIRGINIA UNIVERSITY	Ross, Arun	COMPUTER SCIENCE AND ENGINEERING	METHODS FOR ENHANCING LOW QUALITY OCULAR IMAGES
137	\$114,959	FRAUNHOFER USA	Asmussen, Jes	ELECTRICAL AND COMPUTER ENGINEERING	FRAUNHOFER RESEARCH CENTER FOR COATING AND LASER APPLICATIONS
138	\$101,628	NATIONAL SCIENCE FOUNDATION	Dong, Lixin	ELECTRICAL AND COMPUTER ENGINEERING	CAREER: NANOSYSTEMS ENABLED INTELLIGENT END-EFFECTORS FOR NANOROBOTIC MANIPULATION
139	\$4,999,885	NATIONAL SCIENCE FOUNDATION	Goodman, Erik	ELECTRICAL AND COMPUTER ENGINEERING	BEACON: AN NSF CENTER FOR THE STUDY OF EVOLUTION IN ACTION

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140	\$467,116	ENERGY US DEPT OF	Grotjohn, Timothy	ELECTRICAL AND COMPUTER ENGINEERING	DIAMOND DIODE AND TRANSISTOR DEVICES
141	\$93,000	BATTELLE	Hoole, Samuel	ELECTRICAL AND COMPUTER ENGINEERING	ELECTROMAGNETICS AND FINITE ELEMENT RESEARCH TO RECONSTRUCT AND CLASSIFY BATTLE VEHICLE DAMAGE USING NON-DESTRUCTIVE EVALUATION METHODS-DEVELOPMENT OF A GPU-BASED PORTABLE 3D TECHNOLOGY
142	\$20,000	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Kempel, Leo	ELECTRICAL AND COMPUTER ENGINEERING	R F POLYMERS III
143	\$60,000	FORD MOTOR COMPANY	Peng, Fang	ELECTRICAL AND COMPUTER ENGINEERING	PENG GENERAL RESEARCH GIFT
144	\$24,400	UNIVERSAL TECHNOLOGY CORPORATION	Rothwell, Edward	ELECTRICAL AND COMPUTER ENGINEERING	FREE-SPACE CHARACTERIZATION AND ADVANCED APERTURES: SUSPENSE
145	\$85,000	ELECTRIC POWER RESEARCH INSTITUTE	Udpa, Lalita	ELECTRICAL AND COMPUTER ENGINEERING	DEVELOPMENT OF ALGORITHMS FOR AUTOMATED ANALYSIS OF EDDY CURRENT INSPECTION DATA FROM SG TUBING
146	\$188,811	NATL INST OF HEALTH - NIH/PHS	Baek, Seungik	MECHANICAL ENGINEERING	QUANTITATIVE ANALYSIS OF RELATIONSHIPS AMONG HEMODYNAMICS, THROMBUS, AND ABDOMINAL AORTIC ANEURYSM EXPANSION
147	\$63,000	SOLAR TURBINES	Engeda, Abraham	MECHANICAL ENGINEERING	PHASE II: THEORETICAL UNDERSTANDING AND MODELING OF COMPRESSOR STAGE INSTABILITY OF A ROTATING STALL NATURE WITH PRACTICAL VALIDATION AND CORRECTIVE SOLUTIONS
148	\$10,000	ROBERT BOSCH LLC	Foss, John	MECHANICAL ENGINEERING	CONSORTIUM MEMBERSHIP - BOSCH
149	\$250,000	BIOMECHANICS CONSULTING AND RESEARCH, LLC	Haut, Roger	MECHANICAL ENGINEERING	STUDIES ON THE MECHANISMS OF HIGH ANKLE SPRAINS
150	\$192,820	WOLVERINE WORLD WIDE	Haut, Roger	MECHANICAL ENGINEERING	FOOTWEAR BIOMECHANICS
151	\$88,661	BATTELLE MEMORIAL INSTITUTE	Liu, Dahsin	MECHANICAL ENGINEERING	EVALUATION OF THE PERFORMANCE OF ALUMINUM 2139 T AND RHA STEEL PLATE UNDER SHOCK LOADING
152	\$30,000	LIUMAN TECHNOLOGIES	Liu, Dahsin	MECHANICAL ENGINEERING	IMPACT TESTING
153	\$118,819	GENERAL ELECTRIC CO	Loos, Alfred	MECHANICAL ENGINEERING	ADVANCED COMPONENT MGF PROCESS MODELING

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154	\$90,283	CARNEGIE MELLON UNIVERSITY	Pence, Thomas	MECHANICAL ENGINEERING	NEW MATHEMATICAL MODELS FOR THE LARGE STRAIN SWELLING RESPONSE OF BIOLOGICAL TISSUES
155	\$39,036	CARNEGIE MELLON UNIVERSITY	Pence, Thomas	MECHANICAL ENGINEERING	COMPLEX MATERIAL RESPONSE DESCRIBED BY CONTINUUM MECHANICS WITH A DEFORMATION GRADIENT PRODUCT DECOMPOSITION THAT HAS NOVEL HYPERELASTIC IMPLICATIONS
	COLLEGE OF HUMAN MEDICINE				
156	\$22,287	MICHIGAN UNIVERSITY OF	Ferguson-Miller, S	BIOCHEMISTRY & MOLECULAR BIOLOGY CHM	STRUCTURAL MASS SPECTROMETRY TOOLS APPLIED TO MITOCHONDRIAL MEMBRANE PROTEOME
157	\$399,227	NATL INST OF HEALTH - NIH/PHS	Ferguson-Miller, S	BIOCHEMISTRY & MOLECULAR BIOLOGY CHM	ENERGY TRANSDUCTION IN CYTOCHROME OXIDASE
158	\$171,867	GREAT LAKES FISHERIES COMMISSION	Kuhn, Leslie	BIOCHEMISTRY & MOLECULAR BIOLOGY CHM	DEVELOPMENT OF 3KPZS ANTAGONISTS FOR SEA LAMPREY CONTROL
159	\$27,190	SAINT MARY'S HEALTH CARE	Dwyer, Jeffrey	CHM WEST MICHIGAN	MSU - ST. MARY'S TRANSLATIONAL HEALTH IN GRAND RAPIDS
160	\$1,246,555	ALLIANCE CORPORATION	Holmes, Denise	CHM WEST MICHIGAN	MSU-ALLIANCE TRANSLATIONAL HEALTH RESEARCH IN GRAND RAPIDS
161	\$500,000	VAN ANDEL RESEARCH INSTITUTE	Holmes, Denise	CHM WEST MICHIGAN	MSU - VAN ANDEL TRANSLATIONAL HEALTH RESEARCH IN GRAND RAPIDS
162	\$157,079	MICHIGAN UNIVERSITY OF	Mongoven, Ann	CTR FOR ETH & HUMANIT IN THE LIFE SCI	LINKING COMMUNITY ENGAGEMENT RESEARCH TO PUBLIC HEALTH BIOBANK PRACTICE
163	\$205,451	NATL INST ON DRUG ABUSE -NIH/PHS	Anthony, James	EPIDEMIOLOGY AND BIOSTATISTICS	NATIONAL HISPANIC SCIENCE NETWORK EARLY STAGE CAREER MENTORING FOR NIDA RESEARCH (ESCM-NIDA)
164	\$130,028	NATL INST ON DRUG ABUSE -NIH/PHS	Anthony, James	EPIDEMIOLOGY AND BIOSTATISTICS	DRUG DEPENDENCE IN EPIDEMIOLOGY AND ENVIROMICS
165	\$177,280	ILLINOIS URBANA CHAMPAIGN UNIV OF	Gardiner, Joseph	EPIDEMIOLOGY AND BIOSTATISTICS	NOVEL METHODS TO ASSESS THE EFFECTS OF CHEMICALS ON CHILD DEVELOPMENT
166	\$168,415	ILLINOIS URBANA CHAMPAIGN UNIV OF	Gardiner, Joseph	EPIDEMIOLOGY AND BIOSTATISTICS	NOVEL METHODS TO ASSESS THE EFFECTS OF CHEMICALS ON CHILD DEVELOPMENT
167	\$62,963	BOSTON MEDICAL CENTER	Lenski, Madeleine	EPIDEMIOLOGY AND BIOSTATISTICS	NEONATAL BIOMARKERS IN EXTREMITY PRETERM BABIES PREDICT CHILDHOOD BRAIN DISORDERS

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168	\$168,092	NATL INST OF HEALTH - NIH/PHS	Lu, Qing	EPIDEMIOLOGY AND BIOSTATISTICS	GENE-GENE/GENE-ENVIRONMENT INTERACTIONS ASSOCIATED WITH NICOTINE DEPENDENCE
169	\$77,620	UNIVERSITY OF COLORADO - DENVER	Barry, Henry	FAMILY MEDICINE, DEPARTMENT OF	IMPLEMENTING SUSTAINABLE DIABETES PREVENTION AND SELF-MANAGEMENT IN PRIMARY CARE
170	\$86,000	NATL INST OF HEALTH - NIH/PHS	Counts, Scott	FAMILY MEDICINE, DEPARTMENT OF	NEUROPROTECTIVE MICRORNA PATHWAYS
171	\$276,914	RUSH PRESBYTERIAN ST LUKES MEDICAL CTR	Counts, Scott	FAMILY MEDICINE, DEPARTMENT OF	NEUROFIBRILLARY TANGLE EVOLUTION IN MILD COGNITIVE IMPAIRMENT
172	\$22,963	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	Dmello, Dale	HUMAN MEDICINE DEAN	RECOVERY AFTER THE INITIAL SCHIZOPHRENIA EPISODE (RAISE)
173	\$36,254	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
174	\$7,256	AMGEN INC	Al-Janadi, Anas	MEDICINE	AMGEN 20090482: A RANDOMIZED, DOUBLE-BLIND, MULTICENTER, STUDY OF DENOSUMAB COMPARED WITH ZOLEDRONIC ACID (ZOMETA) IN THE TREATMENT OF BONE DISEASE IN SUBJECTS WITH NEWLY DIAGNOSED MULTIPLE MYELOMA.
175	\$6,630	JANSSEN PHARMACEUTICA	Al-Janadi, Anas	MEDICINE	IMAAGEN 212082PCR2005: AN OPEN-LABEL, SINGLE-ARM, PHASE 2 STUDY OF ABIRATERONE ACETATE PLUS PREDNISONE IN SUBJECTS WITH ADVANCED PROSTATE CANCER WITHOUT RADIOGRAPHIC EVIDENCE OF METASTATIC DISEASE
176	\$64,158	HEMOPHILIA FOUNDATION OF MICHIGAN	Penner, John	MEDICINE	CDC DISEASE AND PREVENTION GRANT
177	\$17,898	FOREST LABORATORIES INC.	Stein, Gary	MEDICINE	CEFTAROLINE AND LEVOFLOXACIN FOR COMMUNITY ACQUIRED BACTERIAL PNEUMONIA
178	\$6,750	NATL SURGICAL ADJ BRST & BWL PROJ FDN	Tamkus, Deimante	MEDICINE	NSABP T IND 090

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179	\$5,096	EISAI INC.	Bozoki, Andrea	NEUROLOGY & OPHTHALMOLOGY CHM	A PLACEBO-CONTROLLED, DOUBLE-BLIND, PARALLEL-GROUP, BAYESIAN ADAPTIVE RANDOMIZATION DESIGN AND DOSE REGIMEN -FINDING STUDY TO EVALUATE SAFETY, TOLERABILITY AND EFFICACY OF BAN2401 IN SUBJECTS WITH EARLY ALZHEIMER'S DISEASE
180	\$534,323	NATL INST OF HEALTH - NIH/PHS	Luke, Barbara	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	ASSISTED REPRODUCTIVE TECHNOLOGY AND THE RISK OF CHILDHOOD CANCER
181	\$35,385	SPECTRUM HEALTH FOUNDATION	Roman, Leeanne	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	STRONG BEGINNINGS PROGRAM
182	\$46,167	DANA-FARBER CANCER INSTITUTE	Teixeira, Jose	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	PRE-CLINICAL IN VIVO STUDIES INVESTIGATING THE EFFICACY OF MTOR INHIBITORS FOR UTERINE FIBROIDS
183	\$92,707	NATL INST OF HEALTH - NIH/PHS	Teixeira, Jose	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	ENDOCRINE DISRUPTION OF MYOMETRIAL STEM CELL ACTIVITIES
184	\$60,954	MICHIGAN INITIATIVE FOR INNOVATION AND ENTREPRENEURSHIP	Gewolb, Ira	PEDIATRICS AND HUMAN DEVELOPMENT	ENHANCEMENT AND COMMERCIALIZATION OF AN INNOVATIVE NON-INVASIVE METHODOLOGY FOR DIAGNOSING GASTROESOPHAGEAL REFLUX
185	\$5,500	BAXTER HEALTHCARE CORPORATION	Kulkarni, Roshni	PEDIATRICS AND HUMAN DEVELOPMENT	A PHASE 3 CLINICAL STUDY TO DETERMINE THE PHARMACOKINETICS, SAFETY AND EFFICACY OF RVWF IN THE TREATMENT OF BLEEDING EPISODES IN SUBJECTS DIAGNOSED WITH VON WILLEBRAND DISEASE
186	\$10,668	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
187	\$8,012	BIOGEN INC	Kulkarni, Roshni	PEDIATRICS AND HUMAN DEVELOPMENT	A LONG EXTENSION: AN OPEN-LABEL, MULTICENTER EVALUATION OF THE LONG-TERM SAFETY AND EFFICACY OF RECOMBINANT HUMAN COAGULATION FACTOR VIII FUSION PROTEIN (RFVIIIIFC) IN THE PREVENTION AND TREATMENT OF BLEEDING EPISODES IN PREVIOUSLY TREATED SUBJECTS WITH HEMOPHILIA A

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	Amount	Donor	Director	Unit	Purpose
188	\$288,624	NATL INST OF HEALTH - NIH/PHS	Galligan, James	PHARMACOLOGY & TOXICOLOGY HUMAN MEDICINE	PURINERGIC NEUROTRANSMISSION IN THE GUT
189	\$12,971	LOUISIANA STATE UNIVERSITY	Zhang, Ping	SURGERY	ALCOHOL, HIV INFECTION AND HOST DEFENSE
190	\$336,583	NATL INST OF HEALTH - NIH/PHS	Zhang, Ping	SURGERY	ALCOHOL, SEPTICEMIA AND THE LKS CELL RESPONSE
191	\$1,670,093	MUNSON MEDICAL CENTER	Bragg, Bruce	THE INSTITUTE FOR HEALTH POLICY	PROMOTION OF HEALTH CARE/PUBLIC HEALTH
192	\$105,489	MICHAEL J. FOX FOUNDATION	Sortwell, Caryl	TRANSLATION SCIENCE & MOLECULAR MED	FASUDIL AS A NOVEL THERAPEUTIC FOR THE TREATMENT OF PARKINSON'S DISEASE - CONTINUATION
	COLLEGE OF MUSIC				
193	\$25,500	MICHIGAN COUNCIL OF ARTS & CULTURAL AFFAIRS	Buckley, Rhonda	MUSIC	MUSIC EDUCATION OUTREACH FOR LOW-INCOME STUDENTS K-12
194	\$20,000	WORTHINGTON FAMILY FOUNDATION	Helton, Melanie	MUSIC	ENHANCING THE MSU OPERA THEATRE EXPERIENCE: CREATING A SEASON TO REMEMBER AT FAIRCHILD THEATRE
	COLLEGE OF NATURAL SCIENCE				
195	\$176,995	NATIONAL SCIENCE FOUNDATION	Burton, Zachary	BIOCHEMISTRY & MOLECULAR BIOLOGY CNS	ACTIVE SITE DEHYDRATION IN CATALYSIS BY RNA POLYMERASE
196	\$8,626,883	BOARD OF REGENTS OF THE UNIVERSITY OF WISCONSIN	Hegg, Eric	BIOCHEMISTRY & MOLECULAR BIOLOGY CNS	GREAT LAKES BIOENERGY RESEARCH CENTER
197	\$253,472	NATL INST OF HEALTH - NIH/PHS	Hegg, Eric	BIOCHEMISTRY & MOLECULAR BIOLOGY CNS	BIOSYNTHESIS AND INSERTION OF HEME A DURING CYTOCHROME C OXIDASE BIOGENESIS
198	\$284,814	WESTERN MICHIGAN UNIVERSITY	Last, Robert	BIOCHEMISTRY & MOLECULAR BIOLOGY CNS	IDENTIFYING AND UNDERSTANDING CONNECTIONS BETWEEN PHOTOSYNTHESIS AND AMINO ACID METABOLISM
199	\$219,999	NATIONAL SCIENCE FOUNDATION	Takahashi, Hideki	BIOCHEMISTRY & MOLECULAR BIOLOGY CNS	REGULATION OF SULFUR SENSING BY METABOLIC FLUX PARTITIONING
200	\$392,777	NATL INST OF HEALTH - NIH/PHS	Borhan, Babak	CHEMISTRY	PROTEIN/CHROMOPHORE INTERACTIONS VIA PROTEIN DESIGN: INTERROGATION AND APPLICATION
201	\$106,015	NATIONAL SCIENCE FOUNDATION	Cooper, Melanie	CHEMISTRY	SOCRATICGRAPHS: A FREE-FORM INTERACTIVE GRAPHICAL RECOGNITION SYSTEM

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Board Of Trustees
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	Amount	Donor	Director	Unit	Purpose
202	\$10,000	DREYFUS CAMILLE & HENRY FOUND	Dye, James	CHEMISTRY	APPLICATION OF "TAMED" ALKALI METALS IN CHEMISTRY
203	\$159,999	THE COCA-COLA COMPANY	Frost, John	CHEMISTRY	SYNTHESIS OF TEREPHTHALIC ACID
204	\$10,000	EGYPTIAN CULTURAL & EDUCATIONAL BUREAU	Huang, Xuefei	CHEMISTRY	SYNTHESIS OF ISOTOPICALLY LABELED N-GLYCANS FOR QUANTIFICATION OF TUMOR ASSOCIATED GLYCOPEPTIDES
205	\$191,080	FLORIDA UNIV OF	Merz, Kenneth	CHEMISTRY	THE BIOINORGANIC CHEMISTRY OF NICKEL: THE UREASES
206	\$35,000	FIBERTEC, INC.	Staples, Richard	CHEMISTRY	CRYSTALLOGRAPHIC TESTING
207	\$100,000	ARMY RESEARCH OFFICE U S	Swain, Greg	CHEMISTRY	ELECTROCHEMISTRY OF NANOSTRUCTURED CARBON ELECTRODES IN ROOM-TEMPERATURE IONIC LIQUIDS
208	\$294,062	NATL INST OF ALLERGY & INFEC DIS -NIH	Weliky, David	CHEMISTRY	SOLID-STATE NMR OF VIRAL FUSION PEPTIDES AND PROTEINS
209	\$263,243	NATL INST OF HEALTH - NIH/PHS	Wulff, William	CHEMISTRY	NEW CHIRAL BRØNSTED ACIDS FOR ASYMMETRIC SYNTHESIS
210	\$22,422	US DEPT AGRICULTURE	Cheng, Hans	GENETICS PROGRAM	ACQUISITION OF GOODS AND SERVICES
211	\$35,000	CORN MARKETING PROGRAM OF MICHIGAN	Basso, Bruno	GEOLOGICAL SCIENCES	IMPROVING NITROGEN USE EFFICIENCY IN CORN USING UNMANNED AREAL VEHICLE (UAV) LINKED TO CROP MODELING AND YIELD MAPPING TECHNOLOGIES
212	\$39,657	NAVAL RESEARCH US OFFICE OF USDN	Bao, Gang	MATHEMATICS	INVERSE SCATTERING PROBLEMS IN WAVE PROPAGATION
213	\$230,363	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Christlieb, Andrew	MATHEMATICS	NOVEL TOOLS FOR THE MODELING AND SIMULATION OF ULTRA COLD PLASMAS
214	\$25,000	OAK RIDGE ASSOCIATED UNIVERSITIES	Christlieb, Andrew	MATHEMATICS	NOVEL TIME STEPPING METHODS FOR STIFF KINETIC PROBLEMS
215	\$80,000	NATIONAL SCIENCE FOUNDATION	Volberg, Alexander	MATHEMATICS	COLLABORATIVE RESEARCH: UNIVERSALITY PHENOMENA AND SOME HARD PROBLEMS OF NON-HOMOGENEOUS HARMONIC ANALYSIS
216	\$84,484	NATIONAL SCIENCE FOUNDATION	Zhan, Dapeng	MATHEMATICS	CAREER: ANALYSIS OF THE GEOMETRIC PROPERTIES OF THE SLE CURVES
217	\$64,099	AURORA SPECIALTY CHEMISTRIES	Marsh, Terence	MICROBIOLOGY & MOLECULAR GENETICS CNS	ISOLATION AND OPTIMIZATION OF NITRILE HYDRATASE FOR COMMERCIAL PRODUCTION
218	\$317,796	NATL INST OF HEALTH - NIH/PHS	Breedlove, Stephen	NEUROSCIENCE PROGRAM	HORMONAL EFFECTS ON BEHAVIOR AND SPINAL CORD MORPHOLOGY
219	\$100,000	PHRMA FOUNDATION	Mazei-Robison, Michelle	NEUROSCIENCE PROGRAM	ROLE OF SERUM-AND GLUCOCORTICOID-INDUCIBLE KINASE 1 IN A NOVEL MODEL OF CO-MORBID OPIATE USE AND MOOD DISORDERS.

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	Amount	Donor	Director	Unit	Purpose
220	\$50,255	NORTHROP GRUMMAN CORP	Birge, Norman	PHYSICS-ASTRONOMY	2013 NCTA GRENDDEL PROGRAM
221	\$118,243	MICHIGAN UNIVERSITY OF	Brock, Raymond	PHYSICS-ASTRONOMY	ATLAS GREAT LAKES TIER 2 COMPUTING (AGLT2)
222	\$58,376	ARGONNE NATL LABORATORY	Bromberg, Carl	PHYSICS-ASTRONOMY	ANL SALARY FOR ENRIQUE ARRIETA-DIAZ
223	\$43,056	NATL AERONAUTICS AND SPACE ADM	Donahue, Megan	PHYSICS-ASTRONOMY	BARYONS AND DARK MATTER IN HUBBLE TREASURY CLUSTERS
224	\$10,000	NATIONAL SCIENCE FOUNDATION	Huston, Joey	PHYSICS-ASTRONOMY	CTEQ SUMMER SCHOOL FUNDING
225	\$176,545	COURSE WEAVER CORPORATION	Kortemeyer, Gerd	PHYSICS-ASTRONOMY	MSU LON CAPA SUPPORT, MAINTENANCE, AND RESEARCH AGREEMENT
226	\$39,997	SMITHSONIAN ASTROPHYSICAL OBSERVATORY	Zepf, Stephen	PHYSICS-ASTRONOMY	X-RAYING THE IMF IN ELLIPTICAL GALAXIES
227	\$60,802	INDIANA UNIV	Busik, Julia	PHYSIOLOGY NATURAL SCIENCE	NO DYSREGULATION OF THE PERIPHERAL CLOCK IN DIABETIC VASCULAR DISEASE
228	\$274,377	NATL INST OF HEALTH - NIH/PHS	Cox, Charles	PHYSIOLOGY NATURAL SCIENCE	MODULATION OF SUBCORTICAL VISUAL INFORMATION PROCESSING
229	\$117,454	INDIANA UNIV	Mohr, Susanne	PHYSIOLOGY NATURAL SCIENCE	BONE MARROW NEUROPATHY DRIVES DIABETIC RENINOPATHY
230	\$113,873	NATIONAL SCIENCE FOUNDATION	Brudvig, Lars	PLANT BIOLOGY CNS	COLLABORATIVE RESEARCH LTREB: UNDERSTANDING THE STRENGTH, DURATION, AND STABILITY OF CONNECTIVITY EFFECTS ON COMMUNITY DIVERSITY
231	\$225,000	NATIONAL SCIENCE FOUNDATION	Farre, Eva	PLANT BIOLOGY CNS	CHARACTERIZATION OF THE CIRCADIAN CLOCK IN NANNOCHLOROPSIS OCEANICA
232	\$210,000	NATIONAL SCIENCE FOUNDATION	Brandizzi, Federica	PLANT RESEARCH LABORATORY NAT SCIENCE	DISCOVERY OF THE MECHANISMS ENABLING THE DYNAMIC ARCHITECTURE OF THE PLANT ER
233	\$267,162	DONALD DANFORTH PLANT SCIENCE CENTER	Kramer, David	PLANT RESEARCH LABORATORY NAT SCIENCE	CENTER FOR ENHANCED CAMELINA OIL (CECO)
234	\$37,319	PARK CITY MATH INSTITUTE	Burrill, Gail	PROGRAM IN MATHEMATICS EDUCATION	COURSE IMPROVEMENT LEADERSHIP PROGRAM.
235	\$46,877	NORTHWESTERN UNIVERSITY	Meerschaert, Mark	STATISTICS & PROBABILITY	INSPIRE EARTHCASTING FLUVIAL SYSTEMS: PHYSICAL, ECOLOGICAL, AND BIOGEOCHEMICAL DYNAMICS
236	\$5,000	VA CENTER FOR CLINICAL MANAGEMENT RESEARCH	Sikorskii, Alla	STATISTICS & PROBABILITY	WEB BASED CAREGIVER SUPPORT FOR VETERANS UNDERGOING CHEMOTHERAPY
237	\$48,847	UTAH UNIVERSITY OF	Xiao, Yimin	STATISTICS & PROBABILITY	INTERMITTENCY AND RANDOM FRACTALS

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238	\$209,398	JUSTICE US DEPT OF	Foran, David	ZOOLOGY NATURAL SCIENCE	IDENTIFYING THE FACTORS NECESSARY FOR SUCCESSFUL DNA PROFILING FROM SPENT CARTRIDGE CASINGS
239	\$20,000	JUSTICE US DEPT OF	Foran, David	ZOOLOGY NATURAL SCIENCE	DEVELOPING GUIDELINES FOR THE APPLICATION OF MULTIVARIATE STATISTICAL ANALYSIS TO FORENSIC EVIDENCE
240	\$76,750	SCRIPPS RESEARCH INST	Miller, Kyle	ZOOLOGY NATURAL SCIENCE	AXONAL TRANSPORT AND LONG-TERM MEMORY STORAGE
241	\$48,000	ECOANALYSTS, INC	Stevenson, Robert	ZOOLOGY NATURAL SCIENCE	PROPOSAL TO COUNT NLA 2012 SEDIMENT DIATOM SAMPLES
242	\$220,000	ENVIRONMENTAL PROTECTION AGENCY	Stevenson, Robert	ZOOLOGY NATURAL SCIENCE	INTEGRATING INDICATORS OF ECOLOGICAL CONDITION AND SERVICES INTO A POLICY FRAMEWORK.
243	\$97,800	ENVIROSCIENCE, INC.	Stevenson, Robert	ZOOLOGY NATURAL SCIENCE	TAXONOMIC ANALYSES OF PERIPHYTON SAMPLES FOR THE ENVIROSCIENCE, INC. AND USEPA'S NATIONAL RIVERS AND STREAMS ASSESSMENT
	COLLEGE OF NURSING				
244	\$630,597	NATL INST OF HEALTH - NIH/PHS	Chang, Mei	NURSING	MOTHERS IN MOTION PROGRAM TO PREVENT WEIGHT GAIN IN OVERWEIGHT/OBESE WIC MOTHERS
245	\$484,901	NATL INST OF HEALTH - NIH/PHS	Given, Barbara	NURSING	IMPROVING ADHERENCE TO ORAL CANCER AGENTS AND SELF CARE OF SYMPTOMS USING AN IVR
246	\$10,000	MIDWEST NURSING RESEARCH SOCIETY	Lehto, Rebecca	NURSING	TELEHEALTH MINDFULNESS THERAPY: HOME-BASED LUNG CANCER SYMPTOM MANAGEMENT.
247	\$10,000	JONAS CENTER FOR NURSING EXCELLENCE	Robbins, Lorraine	NURSING	THE JONAS NURSE LEADERS SCHOLAR PROGRAM (2014-2016 COHORT)
248	\$12,000	SIGMA THETA TAU NATL HONOR SOC NURSING	Smith, Barbara	NURSING	SYMPTOMS ASSOCIATED WITH ADVERSE DRUG REACTIONS AND HEALTH-RELATED QUALITY OF LIFE MULTIDRUG-RESISTANT TUBERCULOSIS TREATMENT
249	\$150,000	ONCOLOGY NURSING FOUNDATION	Spoelstra, Sandra	NURSING	AN INTERVENTION TO PROMOTE SYMPTOM MANAGEMENT AND ORAL AGENT ADHERENCE : ADHERE
	COLLEGE OF OSTEOPATHIC MEDICINE				
250	\$103,500	AMER DIABETES ASSOCIATION	Waters, Christopher	MICROBIOLOGY & MOLECULAR GENETICS COM	ELUCIDATING THE ROLE OF BACTERIAL CHEMICAL SIGNALING IN DIABETIC CHRONIC NON-HEALING WOUNDS

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	Amount	Donor	Director	Unit	Purpose
251	\$130,000	AMERICAN BRAIN FOUNDATION	Eggenberger, Eric	NEUROLOGY & OPHTHALMOLOGY COM	DISTAL SYMMETRIC POLYNEUROPATHY IN HIV + ZAMBIANS
252	\$210,706	NATL INST OF HEALTH - NIH/PHS	Goudreau, John	NEUROLOGY & OPHTHALMOLOGY COM	MSU PARKINSON DISEASE CLINICAL CENTER
253	\$10,849	ABBVIE, INC.	Gulick, Peter	OSTEOPATHIC MEDICAL SPECIALTIES COM	CLINICAL STUDY PROTOCOL M14-004 A RANDOMIZED, OPEN-LABEL STUDY TO EVALUATE THE SAFETY AND EFFICACY OF ABT-450/RITONAVIR/ABT-267 (ABT-450/R/ABT-267) AND ABT-333 COADMINISTERED WITH RIBAVIRIN (RBV) IN ADULTS WITH GENOTYPE 1 CHRONIC HEPATITIS C VIRUS (HCV) INFECTION AND HUMAN IMMUNODEFICIENCY VIRUS, TYPE 1 (HIV-1) COINFECTION (TURQUOISE-1)
254	\$5,811	ROCHESTER UNIV OF	Seydel, Karl	OSTEOPATHIC MEDICAL SPECIALTIES COM	USING MRI TECHNOLOGY IN ZAMBIA AND MALAWI TO GAIN INSIGHTS INTO MECHANISMS OF BRAIN INJURY AND DYSFUNCTION IN PEDIATRIC CEREBRAL MALARIA
255	\$24,161	IMMUVEN, INC	Bailie, Marc	PHARMACOLOGY TOXICOLOGY	INVIVO FACILITY - IMMUVEN RABBIT LUNG #6
256	\$106,501	MINNESOTA UNIV OF TWIN CITIES	Fink, Gregory	PHARMACOLOGY TOXICOLOGY	TARGETED SYMPATHETIC ABLATION FOR TREATMENT OF HYPERTENSION
257	\$16,000	ISIS PHARMACEUTICALS, INC.	Watts, Stephanie	PHARMACOLOGY TOXICOLOGY	RESEARCH ACTIVITIES OF STEPHANIE WATTS
258	\$341,538	NATL INST OF HEALTH - NIH/PHS	McCabe, Laura	PHYSIOLOGY OSTEOPATHIC MEDICINE	THE ROLE OF THE GUT AND BONE MICROENVIRONMENT IN T1D BONE LOSS
259	\$21,102	MINNESOTA UNIV OF	Boivin, Michael	PSYCHIATRY OSTEOPATHIC MEDICINE	NEURODEVELOPMENTAL OUTCOMES IN CHILDREN WITH SEVERE MALARIA
260	\$466,274	NATL INST OF HEALTH - NIH/PHS	Boivin, Michael	PSYCHIATRY OSTEOPATHIC MEDICINE	COMPUTERIZED COGNITIVE REHABILITATION IN CHILDREN AFTER SEVERE MALARIA
	COLLEGE OF SOCIAL SCIENCE				
261	\$42,943	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Gore, Meredith	CRIMINAL JUSTICE	IMPROVING THE EFFECTIVENESS OF WOLF MANAGEMENT APPROACHES IN MICHIGAN
262	\$38,487	MI STATE POLICE	Lawrence, Kim	CRIMINAL JUSTICE	STAFF AND COMMAND 2014 MICHIGAN COMMISSION ON LAW ENFORCEMENT STANDARDS
263	\$244,957	NATL INST OF JUSTICE	McGarrell, Edmund	CRIMINAL JUSTICE	A TALE OF FOUR CITIES: IMPROVING OUR UNDERSTANDING OF GUN VIOLENCE

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	Amount	Donor	Director	Unit	Purpose
264	\$170,682	NATL AERONAUTICS AND SPACE ADM	Luo, Lifeng	GEOGRAPHY	DEVELOPING A STATISTICAL-PHYSICAL INTEGRATED APPROACH FOR DOWNSCALING HYDROLOGIC INFORMATION FROM GCM
265	\$364,250	MI ENVIRONMENTAL QUALITY	Lusch, David	GEOGRAPHY	ENHANCING MGMT AND DWGIS, GEOCODING AND MAPPING WATERCHEM DATA, STATEWIDE MAPPING OF AQUIFER PROPERTIES AND FACILITATING SOURCE WATER PROTECTION ACTIVITIES BY PUBLIC WATER SUPPLIES.
266	\$13,534	TETRA TECH INC.	Qi, Jiaguo	GEOGRAPHY	TENURE GLOBAL CLIMATE CHANGE
267	\$15,776	MICHIGAN UNIVERSITY OF	Blow, Adrian	HUMAN DEVELOPMENT & FAMILY STUDIES - CSS	RESILIENCY FOR MILITARY FAMILIES: DISSEMINATING HOMEFRONT STRONG
268	\$20,700	ANHEUSER-BUSCH FOUNDATION	Hembroff, Larry	INST FOR PUBLIC POLICY & SOCIAL RESEARCH	TARGETING THE IMMEDIATE SOCIAL REALITY: IMPLEMENTING AND EVALUATING A MULTI-TIER SOCIAL NORMS CAMPAIGN.
269	\$77,255	COMMUNITY FOUNDATION FOR SOUTHEAST MICHIGAN	Martinez, Ruben	JULIAN SAMORA RESEARCH INSTITUTE	LATINOS 2025 – POSITIONING FOR A STRONGER MICHIGAN
270	\$15,000	WILLIAM DAVIDSON FOUNDATION	Martinez, Ruben	JULIAN SAMORA RESEARCH INSTITUTE	LATINOS 2025 – A NEEDS PROFILE FOR MICHIGAN
271	\$17,624	NATIONAL SCIENCE FOUNDATION	Chang, Chia-Che	POLITICAL SCIENCE	DOCTORAL DISSERTATION RESEARCH IN POLITICAL SCIENCE: ELECTIONS, ELECTORAL FRAUD, AND POLITICAL CONFLICTS IN AUTHORITARIAN REGIMES
272	\$35,317	NEW MEXICO UNIVERSITY OF	Bybee, Deborah	PSYCHOLOGY SOCIAL SCIENCE	ADDRESSING SOCIAL DETERMINANTS TO REDUCE REFUGEE MENTAL HEALTH DISPARITIES
273	\$38,562	MICHIGAN UNIVERSITY OF	Durbin, Catherine	PSYCHOLOGY SOCIAL SCIENCE	DELINEATING GENE X ENVIRONMENT X DEVELOPMENT INTERPLAY IN SUBSTANCE ABUSE
274	\$22,786	CALIFORNIA SAN DIEGO UNIVERSITY OF	Ingersoll, Brooke	PSYCHOLOGY SOCIAL SCIENCE	ADAPTING AN EVIDENCE-BASED PROGRAM FOR INFANTS AND TODDLERS AT HIGH RISK OF AUTISM
275	\$108,316	NATIONAL SCIENCE FOUNDATION	Navarrete, Carlos	PSYCHOLOGY SOCIAL SCIENCE	CAREER: THE GENDERED NATURE OF INTERGROUP BIAS
276	\$38,381	ALASKA UNIVERSITY OF	Yan, Lili	PSYCHOLOGY SOCIAL SCIENCE	PERSISTENCE, ENTRAINMENT, AND FUNCTION OF CIRCADIAN RHYTHMS IN ARCTIC GROUND SQUIRRELS
277	\$15,000	DTE ENERGY	Beecher, Janice	PUBLIC UTILITIES INSTITUTE	PROGRAM SUPPORT FOR IPU FROM DTE ENERGY
278	\$15,000	MIDWEST ISO	Beecher, Janice	PUBLIC UTILITIES INSTITUTE	PROGRAM SUPPORT FOR IPU FROM MIDWEST ISO

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279	\$301,627	THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK (SUNY)	Anderson, Gary	SOCIAL WORK	NATIONAL CHILD WELFARE WORKFORCE INSTITUTE--TRAINEESHIP PROGRAM 2
280	\$13,440	CHILD AND FAMILY CHARITIES	Archer, Gretchen	SOCIAL WORK	TEEN COURT PROGRAM EVALUATION
	ASC PROVOST FOR UNDERGRADUATE EDUCATION				
281	\$192,000	MICHIGAN DEPT OF EDUCATION	Garcia, Luis	MIGRANT STUDENT SERVICES	MSU IDENTIFICATION AND RECRUITMENT CENTER
	COLLEGE OF VETERINARY MEDICINE				
282	\$335,635	NATL INST OF HEALTH - NIH/PHS	Yang, Chengfeng	INTEGRATIVE TOXICOLOGY, CENTER FOR	THE EPIGENETIC MECHANISM OF ARSENIC LUNG CARCINOGENESIS - ROLE OF MICRORNAS
283	\$100,000	MORRIS ANIMAL FOUNDATION	Geor, Raymond	LARGE ANIMAL CLINICAL SCIENCES	IDENTIFYING THE TISSUE BIOLOGY RESPONSIBLE FOR UNIQUE BREED RELATED INSULIN DYNAMICS AND SENSITIVITY
284	\$9,922	IDEXX	Pease, Anthony	LARGE ANIMAL CLINICAL SCIENCES	QUALITY ASSESSMENT OF DIGITAL RADIOGRAPHIC PANEL
285	\$44,022	MICHIGAN INITIATIVE FOR INNOVATION AND ENTREPRENEURSHIP	Abramovitch, Robert	MICROBIOLOGY & MOLECULAR GENETICS CVM	IN VIVO EFFICACY STUDIES OF FIRST-IN-CLASS COMPOUNDS TO TREAT CHRONIC, DRUG-RESISTANT TUBERCULOSIS
286	\$28,627	BERNER GARDE FOUNDATION	Kiupel, Matti	PATHOBIOLOGY & DIAGNOSTIC INVESTIGAT CVM	BERNER GARDE TISSUE AND DNA REPOSITORY CENTER OF AMERICA AT MICHIGAN STATE UNIVERSITY
287	\$200,000	BOEHRINGER INGELHEIM INC	Luyendyk, James	PATHOBIOLOGY & DIAGNOSTIC INVESTIGAT CVM	-MECHANISMS COUPLING THROMBIN TO FATTY LIVER DISEASE PATHOGENESIS: NOVEL INDICATIONS FOR DABIGATRAN ETEXILATE IN THE TREATMENT OF FATTY LIVER DISEASE AND OBESITY
288	\$10,800	MORRIS ANIMAL FOUNDATION	McCutcheon, Laura	PATHOBIOLOGY & DIAGNOSTIC INVESTIGAT CVM	EVALUATION OF A CLINICALLY PRACTICAL ORAL SUGAR TEST FOR DYNAMIC ASSESSMENT OF INSULIN RESPONSE AND SENSITIVITY IN HORSES
289	\$39,998	SOCIETY OF TOXICOLOGY	Ganey, Patricia	PHARMACOLOGY TOXICOLOGY	PREDICTION OF IDIOSYNCRATIC, DRUG-INDUCED LIVER INJURY FROM DRUG-CYTOKINE INTERACTION IN VITRO
290	\$7,675	NATL INST OF HEALTH - NIH/PHS	Hegg, Colleen	PHARMACOLOGY TOXICOLOGY	NEUROGENESIS AND CHRONIC CANNABINOID EXPOSURE
291	\$142,368	MC3, INCORPORATED	Pelosi, Augusta	SMALL ANIMAL CLINICAL SCIENCES	MC3 ANNULUS PLACEMENT TESTING WITH OPEN HEART SURGERY
292	\$125,000	GROUSBECK TRUST	Petersen-Jones, Simon	SMALL ANIMAL CLINICAL SCIENCES	PROJECT CEP 290

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293	\$52,853	PURDUE UNIV	Petersen-Jones, Simon	SMALL ANIMAL CLINICAL SCIENCES	IDENTIFICATION OF THE GENETIC BASIS OF PIGMENTARY UVEITIS IN GOLDEN RETRIEVERS
294	\$9,349	AMER COLLEGE OF VETERINARY DERMATOLOGY	Rosser, Edmund	SMALL ANIMAL CLINICAL SCIENCES	INVESTIGATION OF THE EFFECTS OF 30 DAY ADMINISTRATION OF OCLACITINIB (APOQUEL®) ON INTRADERMAL TESTING IN ATOPIC DOGS
295	\$50,319	ATTEROCOR, INC.	Schall, William	SMALL ANIMAL CLINICAL SCIENCES	HYPERADRENOCORTICISM CLINICAL TRIAL IN DOGS
296	\$24,000	KCI ANIMAL HEALTH	Stanley, Bryden	SMALL ANIMAL CLINICAL SCIENCES	THE EFFECT OF NEGATIVE PRESSURE THERAPY ON THE HEALING OF SUTURED WOUNDS
297	\$115,750	BERNER GARDE FOUNDATION	Yuzbasiyan-Gurkan, Vilma	SMALL ANIMAL CLINICAL SCIENCES	BERNESE MOUNTAIN DOG DNA AND TISSUE REPOSITORY AT MSU
	VICE PROVOST LIBRARIES COMPUTING & TECHNLOGY				
298	\$58,772	CORPORATION FOR PUBLIC BROADCASTING	Reid, Gary	BROADCASTING SERVICES	AUGMENT THE PUBLIC SERVICES OF WKAR TV
299	\$13,573	CORPORATION FOR PUBLIC BROADCASTING	Reid, Gary	BROADCASTING SERVICES	AUGMENT THE PUBLIC SERVICES OF WKAR-FM
	NAT'L SUPERCONDUCTING CYCLOTRON LABORATORY				
300	\$259,197	JEFFERSON SCIENCE ASSOCIATES LLC	Zeller, Albert	FACILITY FOR RARE ISOTOPE BEAMS	MOD #6 - SHMS HORIZONTAL BEND SUPERCONDUCTING DIPOLE
301	\$42,114,993	ENERGY US DEPT OF	Glasmacher, Thomas	NAT'L SUPERCONDUCTING CYCLOTRON LAB	FACILITY FOR RARE ISOTOPE BEAMS (FRIB)
302	\$159,582	NATIONAL SCIENCE FOUNDATION	Spyrou, Artemisia	NAT'L SUPERCONDUCTING CYCLOTRON LAB	CAREER: BETA-DECAY EXPERIMENTS TO CONSTRAIN ASTROPHYSICAL PROCESSES
303	\$208,000	ENERGY US DEPT OF	Westfall, Gary	NAT'L SUPERCONDUCTING CYCLOTRON LAB	STUDY OF THE QCD PHASE DIAGRAM USING STAR AT RHIC
	PROVOST-VICE PRES FOR ACADEMIC AFFAIRS				
304	\$18,000	MICHIGAN COUNCIL OF ARTS & CULTURAL AFFAIRS	Gass, Alison	ART MUSEUM	POPS (PROJECT FOR OPERATION AND PROJECT SUPPORT)

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	Amount	Donor	Director	Unit	Purpose
	ASC PROV FOR UNIV OUTREACH & ENGAGEMENT				
305	\$25,000	WELLESLEY COLLEGE	Wu, Heng-Chieh	COMMUNITY EVALUATION & RSCH COLLABRTVE	DEVELOPMENT OF A YOUTH-ADULT PARTNERSHIP RUBRIC FOR YOUTH PROGRAM QUALITY ASSESSMENT AND PROFESSIONAL DEVELOPMENT
306	\$17,991	MICHIGAN COUNCIL OF ARTS & CULTURAL AFFAIRS	Macdowell, Marsha	MUSEUM - UOE	ART AND HEALTH PROJECTS
307	\$25,000	MICH STATE HOUSING DEVELOPMENT AUTHORITY	Lamore, Rex	OUTREACH & ENGAGEMENT PARTNERSHIPS	HOUSING DEVELOPMENT FUND GRANT AGREEMENT, HDF-271
308	\$20,000	PURDUE UNIV	Melcher, John	OUTREACH & ENGAGEMENT PARTNERSHIPS	THE GREAT LAKES REGIONAL TRAINING INITIATIVE: AN EDA UNIVERSITY CENTER COLLABORATIVE
309	\$373,081	MICHIGAN DEPT OF EDUCATION	Van Egeren, Laurie	OUTREACH & ENGAGEMENT PARTNERSHIPS	2013-2014 EVALUATION OF MICHIGAN 21ST CENTURY COMMUNITY LEARNING CENTERS
310	\$25,500	MICHIGAN COUNCIL OF ARTS & CULTURAL AFFAIRS	Goldstein, Bert	PERFORMING ARTS FACILITIES & PROGRAMS	MSU FEDERAL CREDIT UNION INSTITUTE FOR ARTS & CREATIVITY AT WHARTON CENTER
	INTERNATIONAL STUDIES AND PROGRAMS				
311	\$72,098	US JAPAN FOUNDATION	Chandra, Siddharth	ASIAN STUDIES CENTER	GREAT LAKES SHIGA HIGH SCHOOL SCIENCE EXCHANGE PROGRAM 2014
312	\$8,000	US JAPAN FOUNDATION	Chandra, Siddharth	ASIAN STUDIES CENTER	MICHIGAN JAPANESE QUIZ BOWL GRANT 2014
313	\$121,566	EDUCATION U.S. DEPT OF	Bresnahan, Roger	INTERNATIONAL STUDIES & PROGRAMS DEAN	FY 2013 FULBRIGHT-HAYS DOCTORAL DISSERTATION RESEARCH ABROAD FELLOWSHIP PROGRAM
314	\$10,000	TINKER FOUNDATION INC	Blake, Robert	LATIN AMERICAN STUDIES CENTER	TINKER FOUNDATION FIELD RESEARCH GRANT 2012 - 2015
	MICHIGAN AGRICULTURAL EXPERIMENT STATION				
315	\$485,277	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
316	\$39,419	ARIZONA STATE UNIVERSITY	Horan, Richard	AG, FOOD, RESOURCE ECON MABR	MODELING ANTHROPOGENIC EFFECTS IN THE SPREAD OF INFECTIOUS DISEASES
317	\$600,000	AGENCY FOR INTERNATL DEVELOPMENT	Jayne, Thomas	AG, FOOD, RESOURCE ECON MABR	FOOD SECURITY RESEARCH PROJECT - PHASE III
318	\$15,000	WORLD BANK	Jin, Songqing	AG, FOOD, RESOURCE ECON MABR	LAND RESEARCH IN CHINA AND INDIA

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	Amount	Donor	Director	Unit	Purpose
319	\$200,000	US DEPT AGRICULTURE	Peterson, Christopher	AG, FOOD, RESOURCE ECON MABR	MICHIGAN COOPERATIVE DEVELOPMENT PROGRAM
320	\$499,864	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Allen, Michael	ANIMAL SCIENCE DEPARTMENT MABR	INCREASING ENERGY INTAKE OF LACTATING COWS IN THE POSTPARTUM PERIOD
321	\$541,034	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Coussens, Paul	ANIMAL SCIENCE DEPARTMENT MABR	IMPROVING GENETIC RESISTANCE OF CATTLE TO JOHNE'S DISEASE
322	\$499,985	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Ernst, Catherine	ANIMAL SCIENCE DEPARTMENT MABR	INTEGRATED ANALYSIS OF GENETIC MARKER, MRNA AND MIRNA DATA TO UNRAVEL MECHANISMS CONTROLLING GROWTH AND MEAT QUALITY TRAITS IN PIGS
323	\$20,000	ENERGY FEEDS INTERNATIONAL	Lock, Adam	ANIMAL SCIENCE DEPARTMENT MABR	FATTY ACID DIGESTION AND METABOLISM IN DAIRY ANIMALS
324	\$10,000	ZINPRO CORPORATION	Nielsen, Brian	ANIMAL SCIENCE DEPARTMENT MABR	GIFT ZINPRO
325	\$5,128	ZINPRO CORPORATION	Nielsen, Brian	ANIMAL SCIENCE DEPARTMENT MABR	EFFICACY OF ZINPRO PERFORMANCE MINERALS IN PREVENTING AND HEALING EQUINE GASTRIC ULCERS AND LEAKY GUT SYNDROME
326	\$238,500	US DEPT AGRICULTURE	Sordillo-Gandy, Lorraine	ANIMAL SCIENCE DEPARTMENT MABR	DOCTORAL TRAINING OF VETERINARIANS IN COMPARATIVE METABOLIC AND INFLAMMATORY DISEASE PROCESSES TO ENHANCE AGRICULTURAL BIOSECURITY
327	\$970,000	CIMMYT INC	Douches, David	CROP AND SOIL SCIENCE MABR	BHEARD BANGLADESH TRAINING PROGRAM
328	\$1,000,000	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Douches, David	CROP AND SOIL SCIENCE MABR	ASSESSING THE IMPACT OF GENE REPLACEMENT AND GENETIC MODIFICATION METHODS IN A CROP SPECIES AT THE WHOLE GENOME LEVEL
329	\$727,500	CIMMYT INC	Kelly, James	CROP AND SOIL SCIENCE MABR	BHEARD UGANDA TRAINING PROGRAM
330	\$271,770	IOWA STATE UNIVERSITY	Kravchenko, Alexandra	CROP AND SOIL SCIENCE MABR	CLIMATE CHANGE, MITIGATION, AND ADAPTATION IN CORN-BASED CROPPING SYSTEMS
331	\$7,000	ADJUVANTS PLUS INC	Penner, Donald	CROP AND SOIL SCIENCE MABR	HERBICIDE SELECTIVITY, ACTION, AND METABOLISM IN CROPS AND WEEKDS.
332	\$980,000	NATIONAL SCIENCE FOUNDATION	Robertson, G	CROP AND SOIL SCIENCE MABR	THE KBS LTER PROJECT: LONG TERM ECOLOGICAL RESEARCH IN ROW-CROP AGRICULTURE
333	\$112,840	MINNESOTA UNIV OF	Snapp, Sieglinde	CROP AND SOIL SCIENCE MABR	PRECISION ZONAL MANAGEMENT SYSTEMS FOR RESILIENT CEREAL YIELDS AND ECOSYSTEM SERVICES UNDER VARIABLE CLIMATES

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	Amount	Donor	Director	Unit	Purpose
334	\$59,969	THE CERES TRUST	Snapp, Sieglinde	CROP AND SOIL SCIENCE MABR	FOSTERING COMPLEX SOIL FOOD WEBS AND BUILDING SOIL FERTILITY WITH ORGANIC PRODUCTION: PERENNIAL WHEAT PHASE TWO
335	\$772,236	CIMMYT INC	Teppen, Brian	CROP AND SOIL SCIENCE MABR	BHEARD GHANA TRAINING PROGRAM
336	\$37,082	AGRIGENETICS COMPANY	Thelen, Kurt	CROP AND SOIL SCIENCE MABR	CORN AND SOYBEAN PRODUCTION SYSTEMS.
337	\$70,169	MICHIGAN ECONOMIC DEVELOPMENT CORP	Nicholls, Sarah	DEPARTMENT OF COMMUNITY SUSTAINABILITY	MICHIGAN TOURISM STRATEGIC PLAN IMPLEMENTATION
338	\$60,102	TETRA TECH INC.	Schultink, Gerhardus	DEPARTMENT OF COMMUNITY SUSTAINABILITY	ETHIOPIA LAND ADMINISTRATION TO NURTURE DEVELOPMENT (LAND)
339	\$158,518	ENVIRONMENTAL PROTECTION AGENCY	Olsen, Larry	ENTOMOLOGY MABR	BUILDING ON SUCCESS: EXPANDING EFFORTS TO IMPLEMENT INTEGRATED PEST MANAGEMENT IN MICHIGAN AND INDIANA SCHOOLS
340	\$151,557	ILLINOIS UNIV OF -	Olsen, Larry	ENTOMOLOGY MABR	MICHIGAN STATE UNIVERSITY CONTRIBUTION TO THE NORTH CENTRAL IPM CENTER - YEAR 6
341	\$20,000	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Olsen, Larry	ENTOMOLOGY MABR	CONTRIBUTION TO MICHIGAN'S PESTICIDE CERTIFICATION AND TRAINING PROGRAM: 2013-14
342	\$10,000	LEHIGH AGRI & BIOLOGICAL SERVICES INC.	Wise, John	ENTOMOLOGY MABR	TESTING OF NICHINO INSECTICIDES
343	\$37,400	MARRONE ORGANIC INNOVATIONS, INC.	Wise, John	ENTOMOLOGY MABR	TESTING MARRONE INSECTICIDES FOR FRUIT IPM
344	\$8,800	WINFIELD SOLUTIONS, LLC	Wise, John	ENTOMOLOGY MABR	TESTING RAIN FASTNESS OF WINFIELD ADJUVANTS
345	\$100,000	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	McFarland, Ashley	EXTENSION GREENING MICHIGAN MABR	EXPLORING AGRONOMIC POTENTIAL IN MICHIGAN'S UPPER PENINSULA
346	\$65,543	GREAT LAKES FISHERIES COMMISSION	Jones, Michael	FISHERIES AND WILDLIFE MABR	RESEARCH ASSOCIATE SALARY AND FRINGES - HAYDEN
347	\$50,973	GREAT LAKES FISHERIES COMMISSION	Jones, Michael	FISHERIES AND WILDLIFE MABR	GLFC SUPPORT FOR JONES GRAD STUDENTS AND BLACK STURGEON RIVER WORK.
348	\$14,462	GREAT LAKES FISHERIES COMMISSION	Jones, Michael	FISHERIES AND WILDLIFE MABR	GLFC SUPPORT FOR QFC
349	\$8,327	GREAT LAKES FISHERIES COMMISSION	Jones, Michael	FISHERIES AND WILDLIFE MABR	GLFC SUPPORT FOR QFC

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	Amount	Donor	Director	Unit	Purpose
350	\$7,500	GREAT LAKES FISHERIES COMMISSION	Jones, Michael	FISHERIES AND WILDLIFE MABR	GLFC SUPPORT FOR QFC
351	\$17,000	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Jones, Michael	FISHERIES AND WILDLIFE MABR	ADAPTIVE MANAGEMENT OF SHARP-TAILED GROUSE IN THE EASTERN UPPER PENINSULA OF MICHIGAN.
352	\$163,454	USDA - FOREST SERVICE	Chhin, Sophan	FORESTRY MABR	RESTORATION OF MIXED-CONIFER FOREST IN THE SIERRA NEVADA OF CALIFORNIA: QUANTIFYING RADIUS DISTANCE FOR RELEASE OF LARGE TREES
353	\$27,639	MARYLAND UNIV OF	Finley, Andrew	FORESTRY MABR	DEVELOPMENT OF A PROTOTYPE MRV SYSTEM TO SUPPORT CARBON ECOMARKET INFRASTRUCTURE IN SONOMA COUNTY
354	\$46,637	NATL AERONAUTICS AND SPACE ADM	Finley, Andrew	FORESTRY MABR	AN ALS-AUGMENTED USFS-FIA BIOMASS AND CARBON INVENTORY OF THE TANANA DISTRICT, ALASKA
355	\$31,496	SOUTH DAKOTA STATE UNIVERSITY	Miller, Raymond	FORESTRY MABR	WILLOW BIOMASS CROP FEEDSTOCK DEVELOPMENT PLAN FOR 2012 FOR THE NORTHEAST AND MIDWEST U.S (SUB-AWARD 3TB155)
356	\$29,999	SOUTH DAKOTA STATE UNIVERSITY	Miller, Raymond	FORESTRY MABR	POPLAR BIOMASS CROP FEEDSTOCK DEVELOPMENT PLAN FOR 2012 FOR THE NORTHEAST AND MIDWEST U.S.
357	\$138,900	GOVERNORS' CLIMATE & FORESTS FUND	Skole, David	FORESTRY MABR	STRENGTHENING INDONESIAN CAPACITY FOR DEVELOPING NATIONAL FOREST CARBON INVENTORY, MAPPING AND MRV TECHNICAL SYSTEMS
358	\$100,000	TETRA TECH INC.	Skole, David	FORESTRY MABR	PARTNERSHIP FOR LAND USE SCIENCE (FOREST-PLUS)
359	\$21,131	NEOGEN CORP	Erskine, Ronald	LARGE ANIMAL CLINICAL SCIENCES MABR	EVALUATION OF NEOFILM FOR IDENTIFICATION OF CLINICAL MASTITIS PATHOGENS
360	\$594,886	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Erskine, Ronald	LARGE ANIMAL CLINICAL SCIENCES MABR	AN INTEGRATED EXTENSION AND EDUCATION PROGRAM TO REDUCE MASTITIS AND ANTIMICROBIAL USE
361	\$18,842	BLUE CROSS AND BLUE SHIELD OF MI	Bix, Laura	PACKAGING MABR	ASSESSING THE CURRENT STRATEGY FOR LABELING CRITICAL INFORMATION ON MEDICAL DEVICE PACKAGING
362	\$20,000	ARKANSAS UNIV OF	Chilvers, Martin	PLANT PATHOLOGY MABR	CHARCOAL ROT: HOST RESISTANCE AND DISEASE DEVELOPMENT

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	Amount	Donor	Director	Unit	Purpose
363	\$51,660	MONSANTO COMPANY	Chilvers, Martin	PLANT PATHOLOGY MABR	CORN AND SOYBEAN SEED TREATMENT
364	\$285,456	NATL INST OF HEALTH - NIH/PHS	Walton, Jonathan	PLANT RESEARCH LABORATORY MABR	BIOSYNTHESIS OF THE CYCLIC PEPTIDE TOXINS OF AMANITA MUSHROOMS
365	\$40,856	CORN MARKETING PROGRAM OF MICHIGAN	Chilvers, Martin	PLANT, SOIL AND MICROBIAL SCIENCES	GOSS'S WILT: AN EMERGING PROBLEM FOR MICHIGAN CORN PRODUCTION
366	\$164,579	VIRGINIA TECHNOLOGY	Chilvers, Martin	PLANT, SOIL AND MICROBIAL SCIENCES	INTEGRATED MANAGEMENT OF OOMYCETE DISEASES OF SOYBEAN AND OTHER CROP PLANTS
367	\$6,000	BASF CORPORATION	Frank, Kevin	PLANT, SOIL AND MICROBIAL SCIENCES	TURF GRASS PHYSIOLOGY AND MANAGEMENT WITH EMPHASIS ON SOIL AND PLANT NUTRIENT RELATIONSHIPS, WATER FLUX IN PUTTING GREENS, NUTRIENT FATE, IRRIGATION PROBLEMS.
368	\$9,000	KOCH AGRONOMIC SERVICES, LLC	Frank, Kevin	PLANT, SOIL AND MICROBIAL SCIENCES	TURF GRASS PHYSIOLOGY AND MANAGEMENT WITH EMPHASIS ON SOIL AND PLANT NUTRIENT RELATIONSHIPS.
369	\$8,000	SULVARIS INC.	Frank, Kevin	PLANT, SOIL AND MICROBIAL SCIENCES	TURF GRASS PHYSIOLOGY AND MANAGEMENT WITH EMPHASIS ON SOIL AND PLANT NUTRIENT RELATIONSHIPS.
370	\$7,000	MICH ASPARAGUS RESEARCH COMMITTEE	Hausbeck, Mary	PLANT, SOIL AND MICROBIAL SCIENCES	INCREASING ASPARAGUS PRODUCTION THROUGH THE USE OF DISEASE-TOLERANT VARIETIES, TARGET FUNGICIDE APPLICATIONS, AND IRRIGATION
371	\$24,000	MONSANTO COMPANY	Hausbeck, Mary	PLANT, SOIL AND MICROBIAL SCIENCES	PHYTOPHTHORA RESISTANT PEPPER MANAGEMENT SYSTEMS AND VALUES
372	\$34,250	SYNGENTA CROP PROTECTION INC	Hausbeck, Mary	PLANT, SOIL AND MICROBIAL SCIENCES	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
373	\$25,000	MICH CROP IMPROVEMENT ASSOC	Olson, Eric	PLANT, SOIL AND MICROBIAL SCIENCES	WHEAT BREEDING RESEARCH.
374	\$25,000	MICHIGAN WHEAT PROGRAM	Olson, Eric	PLANT, SOIL AND MICROBIAL SCIENCES	WHEAT BREEDING RESEARCH.
375	\$14,000	ADJUVANTS PLUS INC	Sprague, Christy	PLANT, SOIL AND MICROBIAL SCIENCES	SUGARBEET RESEARCH
376	\$6,500	BAYER CROPS SCIENCE SA-NV	Sprague, Christy	PLANT, SOIL AND MICROBIAL SCIENCES	WEED MANAGEMENT STRATEGIES IN SOYBEAN, SUGAR BEETS, AND DRY BEANS.
377	\$35,000	CORN MARKETING PROGRAM OF MICHIGAN	Sprague, Christy	PLANT, SOIL AND MICROBIAL SCIENCES	DEVELOPING MANAGEMENT STRATEGIES FOR GLYPHOSATE/ALS-RESISTANT PALMER AMARANTH IN MICHIGAN CORN PRODUCTION SYSTEMS

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	Amount	Donor	Director	Unit	Purpose
378	\$7,000	FMC CORPORATION	Sprague, Christy	PLANT, SOIL AND MICROBIAL SCIENCES	WEED MANAGEMENT STRATEGIES IN SOYBEAN, SUGAR BEETS, AND DRY BEANS.
379	\$6,000	FMC CORPORATION	Sprague, Christy	PLANT, SOIL AND MICROBIAL SCIENCES	WEED MANAGEMENT STRATEGIES IN SOYBEAN, SUGAR BEETS, AND DRY BEANS.
380	\$18,000	MICH SUGAR CO	Sprague, Christy	PLANT, SOIL AND MICROBIAL SCIENCES	WEED MANAGEMENT STRATEGIES IN SOYBEAN, SUGAR BEETS, AND DRY BEANS.
381	\$14,400	SYNGENTA CROP PROTECTION INC	Sprague, Christy	PLANT, SOIL AND MICROBIAL SCIENCES	WEED MANAGEMENT STRATEGIES IN SOYBEAN, SUGAR BEETS, AND DRY BEANS.
382	\$5,438	MICH PLUM ADVISORY BOARD	Shane, William	SW MI RESEARCH & EXTENSION CTR MABR	PLUM RESEARCH
	MICHIGAN STATE UNIVERSITY EXTENSION				
383	\$20,101	DELAVAL MANUFACTURING	Partridge, John	ANIMAL SCIENCE DEPARTMENT - MSUE	COMMERCIAL CHLORINATED ALKALI DETERGENT TRIAL
384	\$17,136	ZOETIS	Wells, Sarah	ANIMAL SCIENCE DEPARTMENT - MSUE	ZOETIS STUDY
385	\$404,088	ELANCO ANIMAL HEALTH	Powers-Schilling, Wendy	BIOSYSTEMS AND AG ENGINEERING MSUE	CLINICAL STUDY (GCP): EFFECT OF LY488756 (PROVIDED AS LSN591281) ON ENVIRONMENTAL EMISSIONS WHEN FED TO BEEF CATTLE FOR THE LAST 14 DAYS OF FINISHING
386	\$150,323	FAMILY HEALTH INTERNATIONAL	Chung, Kimberly	DEPARTMENT OF COMMUNITY SUSTAINABILITY	DEVELOPMENT FOR ONLINE COURSE "AGRICULTURAL AND NUTRITION INTEGRATION"
387	\$499,961	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Raven, Matt	DEPARTMENT OF COMMUNITY SUSTAINABILITY	ESTABLISHMENT OF AN ENTREPRENEURIAL LOCAL NUTRIENT DENSE FOOD PRODUCTION INCUBATOR IN MICHIGAN'S UPPER PENINSULA
388	\$349,307	CIMMYT INC	Suvedi, Murari	DEPARTMENT OF COMMUNITY SUSTAINABILITY	MICHIGAN STATE UNIVERSITY BHEARD CAMBODIA TRAINING PROGRAM
389	\$30,000	CORN MARKETING PROGRAM OF MICHIGAN	Battel, Robert	EXTENSION AGRICULTURE AND AGRIBUSINESS	THUMB AG RESEARCH AND EDUCATION (TARE) 2014 PROPOSAL
390	\$35,218	CORN MARKETING PROGRAM OF MICHIGAN	Pennington, Dennis	EXTENSION AGRICULTURE AND AGRIBUSINESS	MICHIGAN CORN STOVER HARVEST PROJECT
391	\$10,000	FINE AGROCHEMICALS LIMITED	Schwallier, Philip	EXTENSION AGRICULTURE AND AGRIBUSINESS	UNRESTRICTED GIFT IN SUPPORT OF APPLE RESEARCH.

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392	\$6,000	VALENT BIOSCIENCES CORP	Schwallier, Philip	EXTENSION AGRICULTURE AND AGRIBUSINESS	UNRESTRICTED GIFT IN SUPPORT OF RESEARCH.
393	\$5,852	CORN MARKETING PROGRAM OF MICHIGAN	Thelen, Marilyn	EXTENSION AGRICULTURE AND AGRIBUSINESS	UTILIZING FARMERS' CHANGED NITROGEN APPLICATION TECHNOLOGIES TO DEMONSTRATE IMPROVED NUTRIENT MANAGEMENT PRACTICES
394	\$9,975	MI COMMUNITY SERVICE COMMISSION	Bottomley, Lisa	EXTENSION CHILDREN AND YOUTH	VOLUNTEER GENERATION FUND- MICHIGAN 4-H YOUTH MENTORING TECH WIZARDS
395	\$173,604	NATL 4-H COUNCIL	Bottomley, Lisa	EXTENSION CHILDREN AND YOUTH	MICHIGAN 4-H YOUTH MENTORING TECH WIZARDS 2014
396	\$42,054	NATL 4-H COUNCIL	Bottomley, Lisa	EXTENSION CHILDREN AND YOUTH	MICHIGAN 4-H TECH WIZARD 2013 (AMENDMENT)
397	\$112,467	MICH 4-H FOUNDATION	Chapin, Julie	EXTENSION CHILDREN AND YOUTH	4-H YOUTH DEVELOPMENT
398	\$27,197	MICH 4-H FOUNDATION	Chapin, Julie	EXTENSION CHILDREN AND YOUTH	MICHIGAN 4-H FOUNDATION NATIONAL TSC 4-H PAPER CLOVER CAMPAIGN
399	\$100,000	MICHIGAN DEPARTMENT OF HUMAN SERVICES	Chapin, Julie	EXTENSION CHILDREN AND YOUTH	MICHIGAN 4-H VOLUNTEER RECRUITMENT GRANT
400	\$86,500	ARMY US DEPT OF	Moyses, Kendra	EXTENSION CHILDREN AND YOUTH	2013 OPERATION MILITARY KIDS CONTRACT
401	\$20,700	MICH STATE HOUSING DEVELOPMENT AUTHORITY	Lakin, Jean	EXTENSION GREENING MICHIGAN	NATIONAL FORECLOSURE MITIGATION COUNSELING PROGRAM (NPMC)
402	\$89,999	GEORGIA UNIVERSITY OF	Long, Brenda	EXTENSION GREENING MICHIGAN	MICHIGAN EXTENSION OUTREACH ON HEALTH INSURANCE EDUCATION
403	\$11,678	TIP OF THE MITT WATERSHED COUNCIL	Solomon, Dean	EXTENSION GREENING MICHIGAN	BURT LAKE/STURGEON RIVER WATERSHED FOCUS GROUPS
404	\$85,323	SOUTH DAKOTA STATE UNIVERSITY	Contreras, Dawn	EXTENSION HEALTH AND NUTRITION	AFRI FOOD SECURITY GRANT: VOICES FOR FOOD: ACTION RESEARCH THAT BRIDGES THE GAP BETWEEN FOOD SECURITY AND HEALTH FOOD CHOICES
405	\$6,274	MI DEPT COMMUNITY HEALTH	Newkirk, Cathy	EXTENSION HEALTH AND NUTRITION	MDCH BED BUG GRANT
406	\$9,807	DUCKS UNLIMITED	Bohling, Mary	FISHERIES AND WILDLIFE MSUE	ANCHOR BAY/ST. CLAIR FLATS WILDLIFE AREA PHRAGMITES CONTROL PROJECT
407	\$11,509	COASTAL ZONE MANAGEMENT PROGRAM	Pistis, Charles	FISHERIES AND WILDLIFE MSUE	MICHIGAN'S GREAT LAKES MARINAS AND BOATERS EDUCATION AND OUTREACH PROJECT
408	\$384,843	MICHIGAN UNIVERSITY OF	Pistis, Charles	FISHERIES AND WILDLIFE MSUE	MICHIGAN SEA GRANT EXTENSION

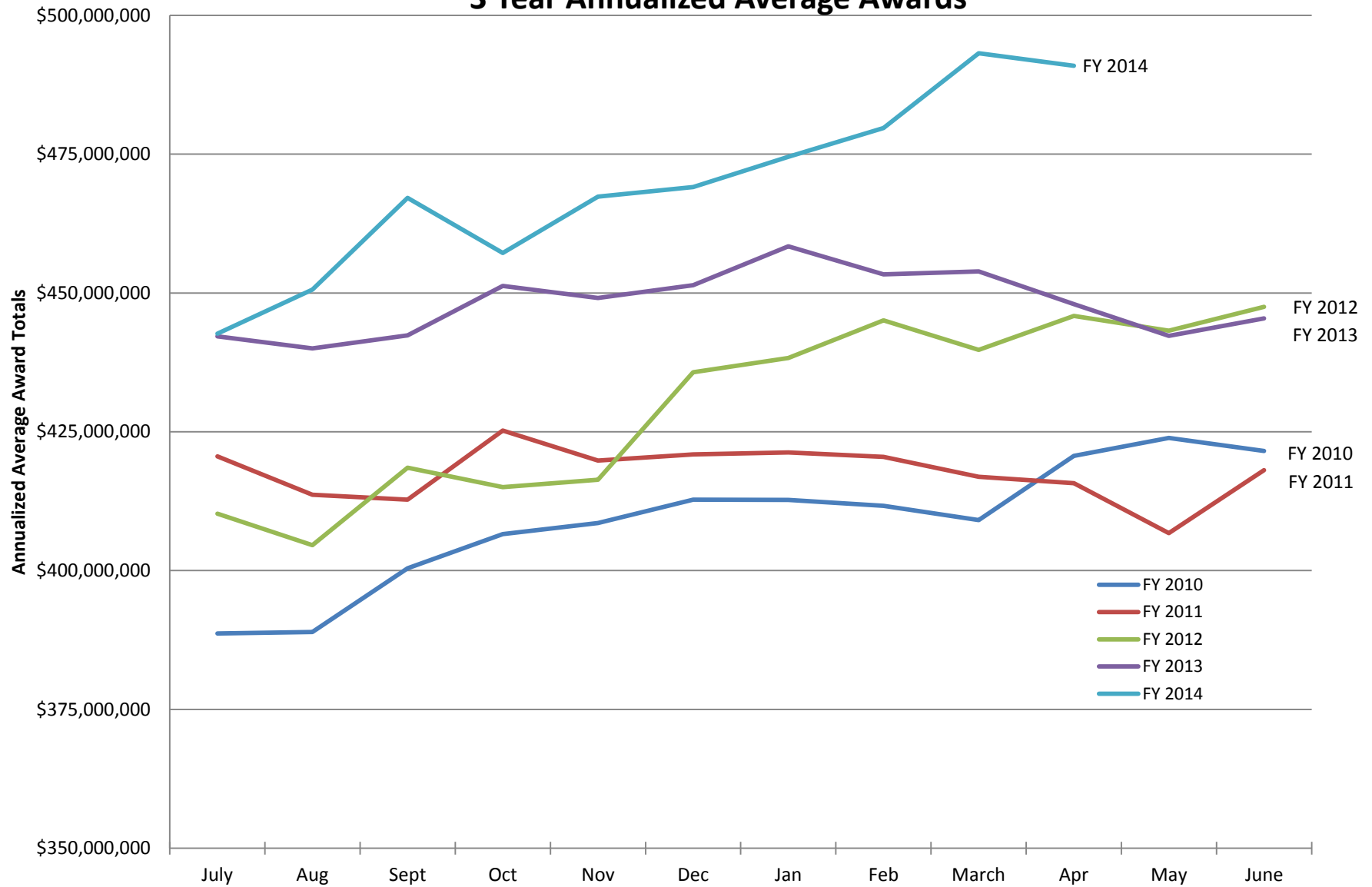
	Gift, Grant and Contract Report Board Of Trustees April 2014				
	Amount	Donor	Director	Unit	Purpose
409	\$7,000	MICH ASPARAGUS RESEARCH COMMITTEE	Brainard, Daniel	HORTICULTURE - MSUE	BUILDING ASPARAGUS RESILIENCE TO HIGH TEMPERATURE AND DROUGHT EVENTS THROUGH IRRIGATION.
410	\$54,873	THE CERES TRUST	Brainard, Daniel	HORTICULTURE - MSUE	COMBINING STRIP-TILLAGE AND ZONAL COVER-CROPPING FOR SOIL AND MOISTURE CONSERVATION IN ORGANIC VEGETABLE SYSTEMS
411	\$69,421	MICH CHRISTMAS TREE GROWERS ASSN	Cregg, Bert	HORTICULTURE - MSUE	UTILITY OF PLANT GROWTH REGULATORS IN CHRISTMAS TREE AND CONIFER NURSERY PRODUCTION
412	\$16,941	BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	Lang, Gregory	HORTICULTURE - MSUE	NCIPMC WORKING GROUP GRANTS 2014
413	\$10,000	KALAMAZOO SPECIALTY PLANTS LLC	Runkle, Erik	HORTICULTURE - MSUE	2013 DONATION FOR FLORICULTURE RESEARCH.
414	\$15,000	MAST HENRY GREENHOUSES	Runkle, Erik	HORTICULTURE - MSUE	CONTRIBUTION FOR FLORICULTURE RESEARCH.
415	\$10,000	OSRAM OPTO SEMICONDUCTORS, INC.	Runkle, Erik	HORTICULTURE - MSUE	CHARITABLE DONATION TO MSU FOR FLORICULTURE RESEARCH UNDER DR. ERIK RUNKLE.
416	\$20,815	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Sabbatini, Paolo	HORTICULTURE - MSUE	LEAF REMOVAL: A TOOL TO IMPROVE CROP CONTROL AND FRUIT QUALITY IN VINIFERA GRAPES
417	\$58,636	MICHIGAN DEPT OF AGRICULTURE & RURAL DEVELOPMENT	Smith, Diane	MSUE DIRECTORS OFFICE	THE HACCP TRAINING AND TECHNICAL ASSISTANCE PILOT PROGRAM
418	\$55,057	UNITED STATES FISH AND WILDLIFE SERVICE	Hyde, Daria	NATURAL FEATURES INVENTORY MSUE	LAYING THE FOUNDATION FOR ESTABLISHMENT OF NEW MITCHELL'S SATYR (NEONYMPHA MITCHELLII MITCHELLII) POPULATIONS
419	\$10,000	MICHIGAN ENVIRONMENTAL COUNCIL	Paskus, John	NATURAL FEATURES INVENTORY MSUE	BRINGING THE LATEST SCIENCE TO MICHIGAN'S MANAGEMENT OF OUR COASTAL DUNES
VICE PRES RESEARCH AND GRADUATE STUDIES					
420	\$50,000	DREYFUS CAMILLE & HENRY FOUND	Hunt, Paul	ASSOCIATE VICE PRESIDENT FOR RESEARCH	K-12 COMPETITIVE CHEMICAL SCALE-UP
421	\$1,092,500	MICHIGAN ECONOMIC DEVELOPMENT CORP	Chylla, Richard	MSU INNOVATION CENTER	M-TRAC: HIGH VALUE PRODUCTS FROM BIO-BASED FEEDSTOCKS
422	\$41,307	MICHIGAN INITIATIVE FOR INNOVATION AND ENTREPRENEURSHIP	Ramharack, Ranjee	MSU INNOVATION CENTER	METHOD FOR ASSEMBLING AND READING LARGE CONTIGUOUS DNA SEQUENCES FROM MIXED POPULATIONS

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423	\$23,231	MICHIGAN INITIATIVE FOR INNOVATION AND ENTREPRENEURSHIP	Ramharack, Ranjee	MSU INNOVATION CENTER	DEVELOPMENT OF A NOVEL C.DIFFICILE VACCINE
424	\$67,173	MICHIGAN INITIATIVE FOR INNOVATION AND ENTREPRENEURSHIP	Shaw, Bradley	MSU INNOVATION CENTER	HIGH PERFORMANCE ADDITIVES FOR HDPE MASKING FILM IN PAINT OVENS
425	\$30,254	GENENTECH INC.	Bailie, Marc	REGULATORY AFFAIRS, OFFICE OF	INVIVO FACILITY
426	\$23,874	INTRINSIK HEALTH SCIENCES, INC	Bailie, Marc	REGULATORY AFFAIRS, OFFICE OF	INVIVO FACILITY
427	\$35,770	MERCK & CO INC	Bailie, Marc	REGULATORY AFFAIRS, OFFICE OF	INVIVO FACILITY
428	\$42,063	MICHIGAN UNIVERSITY OF	Hasemann, Charles	RESEARCH & GRADUATE STUDIES VICE PRES	MICHIGAN CORPORATE RESEARCH NETWORK (MCRN)
	VICE PRES FOR STUDENT AFFAIRS AND SERVICES				
429	\$177,916	MI DEPT COMMUNITY HEALTH	Becker, Scott	COUNSELING CENTER	MSU SEXUAL ASSAULT PROGRAM
	GRADUATE SCHOOL DEAN				
430	\$1,611,833	NATIONAL SCIENCE FOUNDATION	Klomprens, Karen	GRADUATE SCHOOL DEAN	NSF GRADUATE RESEARCH FELLOWSHIP PROGRAM
	UNIVERSITY ADVANCEMENT				
431	\$41,267,549	VARIOUS DONORS	Groves, Robert	VICE PRESIDENT UNIVERSITY ADVANCEMENT	GIFTS TO MSU FOR PERIOD OCTOBER THROUGH DECEMBER 2013
	V.P. FINANCE AND OPERATIONS AND TREASURER				
432	\$357,623	VARIOUS DONORS	Udpa, Satish	EVP ADMINISTRATIVE SERVICES	QUARTERLY GIFT/GRANT TRANSFERS
	GENERAL UNIVERSITY ITEMS				
433	\$12,820	INGHAM COUNTY	Rosen, Holly	DOMESTIC SHELTER	SHELTER, ADVOCACY AND SUPPORT FOR DOMESTIC VIOLENCE SURVIVORS
	Various				
434	\$419,954	VARIOUS	Various	Various	171 CONSOLIDATED GRANTS WITH INDIVIDUAL VALUES LESS THAN \$5000. DETAILS ON FILE IN CONTRACT & GRANT ADMINISTRATION
	\$167,414,179	Total April 2014 Board			

**CONSIGNMENT/NON-CASH GIFTS
BOARD OF TRUSTEES
April 2014**

GIFT NO.	GIFT	DONOR	DEPARTMENT NAME	ESTIMATED VALUE	PURPOSE OR USE
1	144 Photographs	Jim and Wendy Agah	Eli and Edith Broad Art Museum	\$648,400.00	Donation to Art Museum
2	14 boxes of comics	Mr. Terry Malone, Sr	Libraries	\$50,691.00	Research in Special Collections
3	Airplane usage for Women's Golf Team	Bob Skandalaris- Quantum Ventures, LLC	Spartan Fund- Athletics	\$34,388.32	Flew Women's Golf Team to Florida to practice for 4 days
4	Steel Sculpture <i>Clang Tone</i>	Stephen P. Wilensky	Libraries	\$23,500.00	Public art in the Main Library
5	Additional Design and for website for Spartan Fund	Core 3 Solutions	Spartan Fund- Athletics	\$5,720.00	Additional Design and for Adaptive Website for Spartan Fund
6	A collector's edition in folio prints of original watercolor paintings by John James Audubon, number 335 of 750, printed by American Heritage Publishing in 1966, presented in walnut storage and display	Dr. Dana Ellen MacMillan	MSU Museum	\$5,250.00	Research and Display
7	Sadayoshi Omoto papers	Kathryn Omoto	University Archives and Historical Collections	\$5,000.00	Research at MSU Archives and Historical Collections
8	1 carton of notes; Archaeological field and analysis notes from sites in Botswana	Lawrence Robbins	Libraries	\$5,000.00	Scholarly Research
9-116	Various	Various	Various	\$157,542.33	108 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	\$935,491.65	

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)