

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

March 29, 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 January 9, 2013 through March 27, 2013. The report is a compilation of 543 Gifts, Grants and Contracts plus 110 Consignment/Non-Cash Gifts, with a total value of \$87,140,465.

FY 2012-13 TOTALS:

- | | |
|---|---------------|
| a) Gifts, Grants and Contracts only: | \$409,602,827 |
| b) Gifts, Grants and Contracts plus Consignments: | \$412,364,594 |
- (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.



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

Stephen Hsu
Vice President

Hannah Administration Bldg.
426 Auditorium Rd, Rm 232
East Lansing, MI 48824

517/355-0306
Fax: 517/432-1171

www.vprgs.msu.edu
www.research.msu.edu

Current Period / Year to Date

Gift & Grant Awards

Meeting Date: 4/12/2013

AWARD TOTALS

Research			
	01/09/13-03/27/13	12-13	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	\$29,895,928	\$161,440,733	73.8%
State of Michigan	\$2,763,933	\$10,576,346	4.8%
Other	\$4,341,577	\$12,552,978	5.7%
Industry/CO	\$1,165,029	\$6,563,369	3.0%
Foundation	\$3,765,602	\$24,835,973	11.4%
Association	\$590,478	\$2,696,971	1.2%
TOTAL	\$42,522,547	\$218,666,370	100%

Non-Research			
	01/09/13-03/27/13	12-13	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	\$2,157,726	\$37,687,079	19.7%
State of Michigan	\$759,629	\$7,306,586	3.8%
Other	\$37,422,760	\$81,792,828	42.8%
Industry/CO	\$1,267,191	\$4,153,928	2.2%
Foundation	\$906,506	\$52,490,275	27.5%
Association	\$72,681	\$7,505,761	3.9%
TOTAL	\$42,586,494	\$190,936,457	100%

Total			
	01/09/13-03/27/13	12-13	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	\$32,053,655	\$199,127,813	48.6%
State of Michigan	\$3,523,562	\$17,882,932	4.4%
Other	\$41,764,337	\$94,345,806	23.0%
Industry/CO	\$2,432,220	\$10,717,297	2.6%
Foundation	\$4,672,108	\$77,326,247	18.9%
Association	\$663,159	\$10,202,732	2.5%
TOTAL	\$85,109,041	\$409,602,827	100%

OF AWARDS

Research			
	01/09/13-03/27/13	12-13	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	128	726	43.4%
State of Michigan	11	90	5.4%
Other	68	202	12.1%
Industry/CO	78	326	19.5%
Foundation	17	105	6.3%
Association	54	222	13.3%
TOTAL	356	1671	100%

Non-Research			
	01/09/13-03/27/13	12-13	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	27	187	24.8%
State of Michigan	20	62	8.2%
Other	26	107	14.2%
Industry/CO	90	318	42.1%
Foundation	20	57	7.5%
Association	4	24	3.2%
TOTAL	187	755	100%

Total			
	01/09/13-03/27/13	12-13	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	155	913	37.6%
State of Michigan	31	152	6.3%
Other	94	309	12.7%
Industry/CO	168	644	26.5%
Foundation	37	162	6.7%
Association	58	246	10.1%
TOTAL	543	2426	100%

Current Year / Previous Year

Gift & Grant Awards

Meeting Date: 4/12/2013

AWARD TOTALS

Research			
<u>Gift/Grant Source</u>	<u>05/24/11-03/23/12</u>	<u>06/05/12-03/27/13</u>	<u>% Change</u>
Federal Government	\$224,789,359	\$161,440,733	-28.2%
State of Michigan	\$7,520,836	\$10,576,346	40.6%
Other	\$16,383,896	\$12,552,978	-23.4%
Industry/CO	\$7,255,766	\$6,563,369	-9.6%
Foundation	\$22,555,306	\$24,835,973	10.1%
Association	\$1,982,685	\$2,696,971	36.0%
TOTAL	\$280,487,849	\$218,666,370	-22%

Non-Research			
<u>Gift/Grant Source</u>	<u>05/24/11-03/23/12</u>	<u>06/05/12-03/27/13</u>	<u>% Change</u>
Federal Government	\$36,862,738	\$37,687,079	2.2%
State of Michigan	\$8,489,236	\$7,306,586	-13.9%
Other	\$74,213,611	\$81,792,828	10.2%
Industry/CO	\$2,228,775	\$4,153,928	86.4%
Foundation	\$7,129,157	\$52,490,275	636.3%
Association	\$6,936,290	\$7,505,761	8.2%
TOTAL	\$135,859,808	\$190,936,457	41%

Total			
<u>Gift/Grant Source</u>	<u>05/24/11-03/23/12</u>	<u>06/05/12-03/27/13</u>	<u>% Change</u>
Federal Government	\$261,652,097	\$199,127,813	-23.9%
State of Michigan	\$16,010,072	\$17,882,932	11.7%
Other	\$90,597,508	\$94,345,806	4.1%
Industry/CO	\$9,484,541	\$10,717,297	13.0%
Foundation	\$29,684,464	\$77,326,247	160.5%
Association	\$8,918,975	\$10,202,732	14.4%
TOTAL	\$416,347,656	\$409,602,827	-2%

OF AWARDS

Research			
<u>Gift/Grant Source</u>	<u>05/24/11-03/23/12</u>	<u>06/05/12-03/27/13</u>	<u>% Change</u>
Federal Government	808	726	-10.1%
State of Michigan	107	90	-15.9%
Other	189	202	6.9%
Industry/CO	424	326	-23.1%
Foundation	108	105	-2.8%
Association	146	222	52.1%
TOTAL	1782	1671	-6%

Non-Research			
<u>Gift/Grant Source</u>	<u>05/24/11-03/23/12</u>	<u>06/05/12-03/27/13</u>	<u>% Change</u>
Federal Government	206	187	-9.2%
State of Michigan	58	62	6.9%
Other	100	107	7.0%
Industry/CO	118	318	169.5%
Foundation	40	57	42.5%
Association	22	24	9.1%
TOTAL	544	755	39%

Total			
<u>Gift/Grant Source</u>	<u>05/24/11-03/23/12</u>	<u>06/05/12-03/27/13</u>	<u>% Change</u>
Federal Government	1014	913	-10.0%
State of Michigan	165	152	-7.9%
Other	289	309	6.9%
Industry/CO	542	644	18.8%
Foundation	148	162	9.5%
Association	168	246	46.4%
TOTAL	2326	2426	4%

Top 10 Awards for the April 12, 2013 BOT Meeting

Rank	Funding Type	Award Amount	First PI	Grantor	Dept	New or Revision	Function	Project Dates	Title
1	Federal Government	\$4,999,731	Goodman, Erik	NATL SCIENCE FOUNDATION	BIO/ COMPUTATIONAL EVOLUTION IN ACTION		Research	8/1/2010 7/31/2015	BEACON: AN NSF CENTER FOR THE STUDY OF EVOLUTION IN ACTION
2	Federal Government	\$3,200,000	Thomashow, Michael	ENERGY US DEPT OF	PLANT RESEARCH LABORATORY NAT SCIENCE	Revision	Research	12/1/1990 3/31/2014	INTERDISCIPLINARY RESEARCH AND RELATED TRAINING PROGRAM IN THE PLANT SCIENCES
3	State of Michigan	\$2,339,900	Glasmacher, Thomas	MI STATE OF	FACILITY FOR RARE ISOTOPE BEAMS	New	Research	1/31/2013 9/30/2014	SOM - FUNDING FOR FACILITY FOR RARE ISOTOPE BEAMS (FRIB)
4	Federal Government	\$1,900,000	Kelly, James	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	CROP AND SOIL SCIENCES	Revision	Research	9/1/2012 8/31/2016	DEVELOPING AND DELIVERING COMMON BEAN (PHASEOLUS VULGARIS) GERMPLOASM WITH RESISTANCE TO THE MAJOR SOIL BORNE PATHOGENS IN EAST AFRICA
5	Federal Government	\$1,700,000	Jayne, Thomas	AGENCY FOR INTERNATL DEVELOPMENT	AG, FOOD, RESOURCE ECON MABR	New	Research	10/21/2010 10/20/2015	FOOD SECURITY RESEARCH PROJECT - PHASE III
6	Other	\$1,672,035	Bragg, Bruce	MUNSON MEDICAL CENTER	HEALTH CARE STUDIES, INSTITUTE FOR CHM	New	Public Service	2/1/2013 2/1/2014	PROMOTION OF HEALTH CARE/PUBLIC HEALTH
7	Foundation	\$1,653,204	Haggblade, Steven	Syngenta Foundation for Sustainable Agriculture	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	New	Research	1/1/2013 12/31/2015	STRENGTHENING REGIONAL AGRICULTURAL INTEGRATION, PHASE II (SRAI II)
8	Foundation	\$1,600,000	Goddeeris, Laura	KELLOGG W K FOUNDATION	COMMUNITY, AG, RECREATION & RES STUDIES	Revision	Research	9/1/2012 8/31/2016	ENHANCING FOOD & COMMUNITY CONNECTIONS
9	Federal Government	\$1,136,201	Last, Robert	NATL SCIENCE FOUNDATION	CNS - RESEARCH SERVICES	New	Research	3/1/2011 2/28/2015	GEPR: BUILDING AND OPERATING CHEMICAL FACTORIES: COMPARATIVE STUDIES OF BIOCHEMICAL PATHWAYS FOR DEFENSE COMPOUNDS IN THE SOLANUM
10	Other	\$975,583	Reid, Gary	CORPORATION FOR PUBLIC BROADCASTING	BROADCASTING SERVICES	New	Public Service	10/1/2012 9/30/2014	AUGMENT THE PUBLIC SERVICES OF WKAR-TV
		\$21,176,654							

**Gift, Grant and Contract Report
Board Of Trustees
April 2013**

	Amount	Donor	Director	Unit	Purpose
COLLEGE OF AGRICULTURE & NATURAL RESOURCES					
1	\$6,000	ARYSTA LIFE SCIENCE	Nikolai, Thomas	AGRICULTURAL TECHNOLOGY INSTITUTE	GOLF TURFGRASS MANAGEMENT.
2	\$7,000	RESIDEX, LLC	Nikolai, Thomas	AGRICULTURAL TECHNOLOGY INSTITUTE	GOLF TURFGRASS MANAGEMENT.
3	\$1,653,204	SYNGENTA FOUNDATION FOR SUSTAINABLE AGRICULTURE	Haggblade, Steven	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	STRENGTHENING REGIONAL AGRICULTURAL INTEGRATION, PHASE II (SRAI II)
4	\$37,430	VIRGINIA POLYTECHNIC INST	Simpson, Brent	AGRICULTURE & NATURAL RESOURCES DEAN	CAPACITY BUILDING FOR AGRICULTURAL EDUCATION AND RESEARCH PROJECT
5	\$172,688	NATL INST OF HEALTH - NIH/PHS	Suhr, Steven	ANIMAL SCIENCE DEPARTMENT - ANR	INDUCED NEURAL CELL INTEGRATION IN THE RAT CENTRAL NERVOUS SYSTEM
6	\$125,716	KELLOGG W K FOUNDATION	Alocilja, Evangelyn	BIOSYSTEMS & AGRICULTURAL ENGINEERING	RAPID ACCURATE DETECTION OF PULMONARY TUBERCULOSIS USING A LOW-COST FIELD-OPERABLE BIOSENSOR
7	\$6,530	CORN MARKETING PROGRAM OF MICHIGAN	Harrigan, Timothy	BIOSYSTEMS & AGRICULTURAL ENGINEERING	EVALUATION OF VERTICAL TILLAGE TOOLS FOR RESIDUE MANAGEMENT, MANURE INCORPORATION AND SEEDING COVER CROPS.
8	\$42,000	SHIAWASSEE CONSERVATION DISTRICT	Nejadhashemi, Amirpouyan	BIOSYSTEMS & AGRICULTURAL ENGINEERING	A NOVEL HYBRID BMP AUCTION PROGRAM TO MAXIMIZE ENVIRONMENTAL OUTCOMES OF BMP IMPLEMENTATIONS
9	\$85,500	MICHIGAN STRATEGIC FUND	Surbrook, Truman	BIOSYSTEMS & AGRICULTURAL ENGINEERING	MICHIGAN AGRI-ENERGY PROJECT
10	\$30,000	MICHIGAN STRATEGIC FUND	Surbrook, Truman	BIOSYSTEMS & AGRICULTURAL ENGINEERING	FIELD ANALYSIS OF: A) LED LONG DAY LIGHTING FOR IMPROVED ENERGY EFFICIENCY AND INCREASED DAIRY PRODUCTION; AND B) SOLAR HOT WATER SYSTEMS FOR DAIRY FARMS
11	\$200,000	GREAT LAKES PROTECTION FUND	Bartholic, Jon	COMMUNITY, AG, RECREATION & RES STUDIES	GREAT LAKES LEARNING LABORATORY
12	\$1,600,000	KELLOGG W K FOUNDATION	Goddeeris, Laura	COMMUNITY, AG, RECREATION & RES STUDIES	ENHANCING FOOD & COMMUNITY CONNECTIONS
13	\$227,437	NATL SCIENCE FOUNDATION	Kalof, Linda	COMMUNITY, AG, RECREATION & RES STUDIES	PICTURING ANIMALS IN NATIONAL GEOGRAPHIC, 1888-2008

**Gift, Grant and Contract Report
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	Amount	Donor	Director	Unit	Purpose
14	\$50,000	KELLOGG W K FOUNDATION	Matts, Colleen	COMMUNITY, AG, RECREATION & RES STUDIES	MICHIGAN FARM TO SCHOOL: SCALING UP AND BRANCHING OUT
15	\$30,066	MICHIGAN FITNESS FOUNDATION	Scott, Anne	COMMUNITY, AG, RECREATION & RES STUDIES	MICHIGAN NUTRITION NETWORK: GARDEN BASED NUTRITION EDUCATION
16	\$13,242	BEET SUGAR DEVELOPMENT FOUND	McGrath, J	CROP AND SOIL SCIENCES	SUGARBEET BREEDING AND GENTICS; MOLECULAR GENETICS OF SUGARBEET AND ITS USE IN GERMPLASM ENHANCEMENT.
17	\$12,000	PASTEURIA BIOSCIENCE, INC.	Bird, George	ENTOMOLOGY AGRICULTURE AND NATURAL RES	PASTEURIA EVALUATION
18	\$59,718	THE CERES TRUST	Grieshop, Matthew	ENTOMOLOGY AGRICULTURE AND NATURAL RES	DEVELOPMENT AND DELIVERY OF "LIVING PEST MANAGEMENT" FOR ORGANIC GREENHOUSES AND LOCAL FOOD SYSTEMS"
19	\$6,140	PACIFIC BIOCONTROL CORP	Gut, Larry	ENTOMOLOGY AGRICULTURE AND NATURAL RES	DISPENSER RELEASE RATE ANALYSIS
20	\$19,854	MICH GRAPE & WINE INDUSTRY COUNCIL	Isaacs, Rufus	ENTOMOLOGY AGRICULTURE AND NATURAL RES	MICHIGAN VINEYARD IPM EXTENSION PROGRAM
21	\$19,000	MICH GRAPE & WINE INDUSTRY COUNCIL	Isaacs, Rufus	ENTOMOLOGY AGRICULTURE AND NATURAL RES	UNDERSTANDING FOLIAR PEST INTERACTIONS FOR SUSTAINABLE VINE MANAGEMENT
22	\$26,499	MICH GRAPE & WINE INDUSTRY COUNCIL	Jenkins, Paul	ENTOMOLOGY AGRICULTURE AND NATURAL RES	ENOLOGY EDUCATION PARTNERSHIP
23	\$13,147	USDA - FOREIGN AG SER	Maredia, Karimbhai	ENTOMOLOGY AGRICULTURE AND NATURAL RES	IRAQI SCIENTIFIC EXCHANGE PROGRAM
24	\$6,600	ARBORJET INC	Smitley, David	ENTOMOLOGY AGRICULTURE AND NATURAL RES	PROTECTING TREES FROM EMERALD ASH BORER
25	\$8,000	BASF CORPORATION	Smitley, David	ENTOMOLOGY AGRICULTURE AND NATURAL RES	GREENHOUSE PEST MANAGEMENT
26	\$10,000	SYNGENTA CROP PROTECTION INC	Smitley, David	ENTOMOLOGY AGRICULTURE AND NATURAL RES	TURFGRASS PEST MANAGEMENT
27	\$6,000	VALENT	Smitley, David	ENTOMOLOGY AGRICULTURE AND NATURAL RES	PROTECTING TREES FROM EMERALD ASH BORER

**Gift, Grant and Contract Report
Board Of Trustees
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	Amount	Donor	Director	Unit	Purpose
28	\$20,238	BASF CORPORATION	Szendrei, Zsafia	ENTOMOLOGY AGRICULTURE AND NATURAL RES	BASF SERVICES AGREEMENT
29	\$34,331	CORN MARKETING PROGRAM OF MICHIGAN	Whalon, Mark	ENTOMOLOGY AGRICULTURE AND NATURAL RES	ASSESSING THE FUNCTIONAL ECOLOGY IMPACTS OF CRY PROTEINS FROM BACILLUS THURINGIENSIS IN GENETICALLY MODIFIED CORN AND WATERWAYS: A CRITICAL EXPERIMENT TO MEASURE THE EFFECTS OF BT CORN RUNOFF (YEAR 3).
30	\$26,277	GREAT LAKES FISHERY COMMISSION	Bence, James	FISHERIES & WILDLIFE	UNDERSTANDING CHANGING PATTERNS OF SIZE-SPECIFIC MARKING OF LAKE TROUT BY SEA LAMPREY
31	\$270,804	GREAT LAKES FISHERY TRUST	Bence, James	FISHERIES & WILDLIFE	DETERMINING THE FISHERIES MANAGEMENT SIGNIFICANCE OF CHINOOK SALMON MOVEMENT BETWEEN LAKES MICHIGAN AND HURON
32	\$161,239	GREAT LAKES FISHERY TRUST	Brenden, Travis	FISHERIES & WILDLIFE	FINDING APPROPRIATE HARVEST POLICIES FOR ADMIXED FISHERIES TO ENSURE LONG-TERM POPULATION SUSTAINABILITY OF NATIVE GREAT LAKE FISHES
33	\$35,631	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Infante, Dana	FISHERIES & WILDLIFE	REFINEMENT OF THE AQUATIC PORTION OF MICHIGAN'S WILDLIFE ACTION PLAN AND DEVELOPMENT OF TOOLS TO SUPPORT THE PLAN
34	\$292,155	GREAT LAKES FISHERY COMMISSION	Li, Weiming	FISHERIES & WILDLIFE	PERM SALARY, FRINGE AND OPERATING FOR WEIMING LI
35	\$185,496	GREAT LAKES FISHERY COMMISSION	Li, Weiming	FISHERIES & WILDLIFE	STRUCTURE AND FUNCTION OF SEA LAMPREY PHEROMONE COMPONENTS
36	\$85,484	GREAT LAKES FISHERY COMMISSION	Li, Weiming	FISHERIES & WILDLIFE	TECHNICAL ASSISTANCE TO SUPPORT EOG EXPERIMENTS FOR DEVELOPMENT OF ADDITIONAL SEA LAMPREY CONTROL AGENTS
37	\$69,612	GREAT LAKES FISHERY COMMISSION	Li, Weiming	FISHERIES & WILDLIFE	TECHNICAL ASSISTANCE FOR DEVELOPMENT OF ADDITIONAL PHEROMONE-BASED CONTROL AGENTS
38	\$11,226	WORLD ANIMAL AWARENESS SOCIETY	Maurer, Brian	FISHERIES & WILDLIFE	POPULATION SIZE AND DISTRIBUTION OF STRAY DOGS IN DETROIT: A PRELIMINARY STUDY
39	\$17,500	SAND COUNTY FOUNDATION	Riley, Shawn	FISHERIES & WILDLIFE	COOPERATIVE GOVERNANCE OF COMMON-POOL HABITAT RESOURCES: WHAT MADE THE KINZUA QUALITY DEER COOPERATIVE WORK?

**Gift, Grant and Contract Report
Board Of Trustees
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	Amount	Donor	Director	Unit	Purpose
40	\$11,164	CLEAN WATER ENVIRONMENTAL	Rose, Joan	FISHERIES & WILDLIFE	ANALYSIS OF INDICATOR ORGANISM REMOVAL EFFICIENCY BY SAFI X
41	\$109,399	GREAT LAKES FISHERY 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
42	\$29,344	US FISH & WILDLIFE SERVICE	Scribner, Kim	FISHERIES & WILDLIFE	INTERPLAY OF ABIOTIC AND BIOTIC CONSTRAINTS TO SURVIVAL OF LAKE STURGEON EGGS AND AGE-0 LARVAE WITH IMPLICATIONS FOR RESTORATION
43	\$134,159	US GEOLOGICAL SURVEY	Taylor, William	FISHERIES & WILDLIFE	FISHERIES FOOD WEB INDICATORS OF CLIMATE CHANGE IN THE GREAT LAKES
44	\$32,752	GREAT LAKES FISHERY COMMISSION	Wagner, Michael	FISHERIES & WILDLIFE	DEVELOPMENT OF A PUTREFACTION-DERIVED REPELLENT FOR THE SEA LAMPREY
45	\$64,380	MICHIGAN NUTRITION NETWORK	Hoerr, Sharon	FOOD SCIENCE & HUM NUTRITION ANR	EAT HEALTHY - PARENT GUIDE FOR FEEDING PRESCHOOLERS
46	\$23,000	CORNELL UNIV	Miller, Raymond	FORESTRY	GENETIC IMPROVEMENT FOR YIELD AND ESTABLISHMENT OF SHORT ROTATION WOODY BIOMASS CROPS ON MARGINAL LANDS
47	\$100,000	VIRGINIA POLYTECHNIC INST	Maredia, Karimbhai	INTERNATIONAL AGRICULTURE INSTITUTE ANR	DEVELOPMENT AND DELIVERY OF ECOLOGICALLY-BASED IPM PACKAGES FOR FIELD AND VEGETABLE CROP SYSTEMS IN CENTRAL ASIA
48	\$25,000	FOOD MARKETING INSTITUTE	Twede, Diana	PACKAGING	UNSALEABLES ARE UNSUSTAINABLE
49	\$15,893	PICKLE PACKERS INTERNATL INC	Day, Robert	PLANT PATHOLOGY ANR	UNDERSTANDING DISEASE AND SUSCEPTIBILITY IN THE PSEUDOPERONOSPORA CUBENSIS-CUCURBIT INTERACTION: GENETIC APPROACHES TO RESTORE RESISTANCE IN CUCUMBER.
50	\$6,050	USDA - ANIMAL AND PLT HTL INSP SER	Hammerschmidt, R	PLANT PATHOLOGY ANR	MOLECULAR DIAGNOSTIC TESTING FOR PHYTOPHTHORA RAMORUM FOR THE 2012 USDA REGULATORY PROGRAM
51	\$8,500	AGRAQUEST INC	Kirk, William	PLANT PATHOLOGY ANR	MANAGEMENT OF SOIL, SEED & FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
52	\$6,000	BECKER UNDERWOOD INC	Kirk, William	PLANT PATHOLOGY ANR	MANAGEMENT OF SOIL, SEE & FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
53	\$12,000	MARRONE ORGANIC INNOVATIONS, INC.	Kirk, William	PLANT PATHOLOGY ANR	MANAGEMENT OF SOIL, SEED & FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
54	\$22,400	SYNGENTA CROP PROTECTION INC	Kirk, William	PLANT PATHOLOGY ANR	MANAGEMENT OF SOIL, SEED & FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.

**Gift, Grant and Contract Report
Board Of Trustees
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	Amount	Donor	Director	Unit	Purpose
55	\$8,000	WILBUR ELLIS COMPANY	Kirk, William	PLANT PATHOLOGY ANR	MANAGEMENT OF SOIL, SEED & FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
56	\$10,717	MICH GRAPE & WINE INDUSTRY COUNCIL	Schilder, Annemiek	PLANT PATHOLOGY ANR	OPTIMIZING FUNGICIDE USE AND TIMING BASED ON WEATHER CONDITIONS.
57	\$6,000	NATURAL INDUSTRIES INC	Schilder, Annemiek	PLANT PATHOLOGY ANR	EPIDEMIOLOGY AND INTEGRATED MANAGEMENT OF SSMALL FRUIT DISEASES.
58	\$119,274	THE CERES TRUST	Schilder, Annemiek	PLANT PATHOLOGY ANR	UNRAVELING THE MYSTERY OF COMPOST TEAS USED FOR ORGANIC DISEASE AND INSECT PEST MANAGEMENT.
59	\$5,250	WESTBRIDGE AGRICULTURAL PRODUCTS	Schilder, Annemiek	PLANT PATHOLOGY ANR	EPIDEMIOLOGY AND INTEGRATED MANAGEMENT OF SMALL FRUIT DISEASES.
60	\$5,900	FLORATINE PRODUCTS GROUP INC	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURF GRASS DISEASES.
61	\$5,900	FLORATINE PRODUCTS GROUP INC	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURF GRASS DISEASES.
62	\$8,100	MAKHTESHIM-AGAN OF NORTH AMERICA INC	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURF GRASS DISEASES.
63	\$12,800	QUALI-PRO	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURF GRASS DISEASES.
64	\$21,600	SUNCOR ENERGY INC.	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURF GRASS DISEASES.
65	\$14,200	SYNGENTA CROP PROTECTION INC	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURF GRASS DISEASES.
66	\$9,600	SYNGENTA CROP PROTECTION INC	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURF GRASS DISEASES.
67	\$17,296	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Crawford, Patricia	SCHOOL OF PLANNING,DES,CONSTRUCTION-ANR	SUSTAINABLE PARK PLANNING: A DNR-MSU PARTNERSHIP
68	\$286,857	DOW CHEMICAL CO	Mrozowski, Timothy	SCHOOL OF PLANNING,DES,CONSTRUCTION-ANR	HABITAT COST EFFECTIVE ENERGY RETROFIT PROGRAM FOR MIXED-HUMID AND COLD CLIMATE HOUSING STOCK
69	\$30,000	ELECTRI INTERNATIONAL	Syal, Madan	SCHOOL OF PLANNING,DES,CONSTRUCTION-ANR	CHANGE ORDER PROTOCOL OF ELECTRICAL AND LOW VOLTAGE CONTRACTORS
COLLEGE OF ARTS AND LETTERS					
70	\$36,840	BRITISH COUNCIL	Winke, Paula	LINGUISTICS,GERM,SLAVIC,ASIAN,AFR LANG	THE EFFECTS OF TEST-TAKING-STRATEGIES INSTRUCTION ON L2-LISTENING TEST PERFORMANCE: A VISUAL (EYE-TRACKING) AND ATTENTIONAL INVESTIGATION

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	Amount	Donor	Director	Unit	Purpose
ELI BROAD COLLEGE OF BUSINESS					
71	\$90,000	FANUC ROBOTICS AMERICA	Closs, David	DEPARTMENT OF SUPPLY CHAIN MANAGEMENT	FANUC ROBOTICS MARKET ASSESSMENT - PHASES 1 AND 2
72	\$57,800	FANUC ROBOTICS AMERICA	Closs, David	DEPARTMENT OF SUPPLY CHAIN MANAGEMENT	FANUC ROBOTICS MARKET ASSESSMENT - PHASE 3
73	\$75,000	AIR FORCE INSTITUTE OF TECH	Griffis, Stanley	DEPARTMENT OF SUPPLY CHAIN MANAGEMENT	IDENTIFYING WAYS TO IMPROVE USAF INSOURCING OF PREVIOUSLY OUTSOURCED CAPABILITIES
74	\$30,000	MICHIGAN INITIATIVE FOR INNOVATION AND ENTREPRENEURSHIP	Vickery, Shawnee	DEPARTMENT OF SUPPLY CHAIN MANAGEMENT	AGRI-BUSINESS INNOVATION AT PECKHAM FARMS
75	\$10,000	PRICEWATERHOUSECOOPERS CHARITABLE FOUNDATION, INC.	Sambamurthy, Vallabhajosyula	ELI BROAD COLLEGE OF BUSINESS DEAN	PWC INQUIRES PROGRAM
76	\$171,000	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					
77	\$11,829	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA - RIVERSIDE	Besley, John	ADVERTISING, PUBLIC RELATIONS, RETAILING	LATE BLIGHT PROJECT
78	\$65,000	LEO BURNETT CO	Coursaris, Constantinos	ADVERTISING, PUBLIC RELATIONS, RETAILING	DECONSTRUCTING STRATEGIC MARKETING COMMUNICATIONS ON SOCIAL MEDIA: ENABLING STRUCTURATION, SOCIALIZATION, AND CRISIS MANAGEMENT
79	\$81,882	NATL SCIENCE FOUNDATION	Hsieh, Gary	COMMUNICATION	CAREER: ADVANCING SOCIAL COMPUTING WITH TAILORED MOTIVATORS
80	\$84,911	MI OFFICE OF HIGHWAY SAFETY PLANNING	Smith, Sandi	COMMUNICATION	OHSP HIGH SCHOOL SAFE DRIVING PROJECT II
81	\$46,900	MCCORMICK TRIBUNE FOUNDATION	Grimm, Joseph	JOURNALISM	MCCORMICK SPECIALIZED REPORTING INSTITUTE: GRADING THE TEACHERS
82	\$153,593	FEDERAL COMMUNICATION COMMISSION	Wildman, Steven	TELECOM, INFORMATION STUDIES & MEDIA	FCC IPA ASSIGNMENT
COLLEGE OF EDUCATION					
83	\$50,938	MI DEPT COMMUNITY HEALTH	Carlson, John	COUNSELING, EDUC PSYCH & SPEC EDUC	WRAPAROUND EVALUATION PROJECT 2012 - 2013

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84	\$96,113	NEW YORK HALL OF SCIENCE	Konstantopoulos, Spyridon	COUNSELING, EDUC PSYCH & SPEC EDUC	INVESTIGATING THE CAPACITY OF GAME-BASED DESIGN FEATURES TO ENHANCE THE AFFECTIVE DIMENSIONS OF GENETICS LEARNING
85	\$100,000	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
86	\$315,000	VARIOUS SCHOOLS	Prawat, Richard	COUNSELING, EDUC PSYCH & SPEC EDUC	CONFUCIUS INSTITUTE CHINESE TEACHER CONTRACTS
87	\$46,500	NATL COUNCIL STATE BOARD NURSING	Reckase, Mark	COUNSELING, EDUC PSYCH & SPEC EDUC	USING RESPONSE TIME TO DETECT ITEM PREKNOWLEDGE AND INCREASE MEASUREMENT EFFICIENCY IN COMPUTERIZED ADAPTIVE TESTS
88	\$193,000	GENERAL ELECTRIC FOUNDATION	Schmidt, William	COUNSELING, EDUC PSYCH & SPEC EDUC	GEF SUPPORTED SCHOOL DISTRICTS CCSSM IMPLEMENTATION
89	\$165,000	MUSEUM OF SCIENCE & INDUSTRY, CHICAGO	Schmidt, William	COUNSELING, EDUC PSYCH & SPEC EDUC	AN EVALUATION OF A TEACHER'S PROFESSIONAL DEVELOPMENT INITIATIVE: THE MUSEUM OF SCIENCE AND INDUSTRY'S GET RE-ENERGIZED! MODULE
90	\$34,000	VARIOUS SCHOOLS	Markle, Barbara	EDUCATION DEAN	K-12 SCHOOL IMPROVEMENT TRAINING
91	\$59,716	LONDON UNIVERSITY OF	Schneider, Barbara	EDUCATION DEAN	FUNDING OF PHASE II OF THE JACOBS FOUNDATION POST-DOCTORAL FELLOWSHIP PROGRAM PATHWAYS TO ADULTHOOD
92	\$231,321	MICHIGAN UNIVERSITY OF	Schneider, Barbara	EDUCATION DEAN	THE IMPACT OF THE MICHIGAN MERIT CURRICULUM AND MICHIGAN PROMISE SCHOLARSHIP ON STUDENT OUTCOMES
93	\$155,272	NATIONAL OPINION RESEARCH CENTER AT THE UNIVERSITY OF CHICAGO	Schneider, Barbara	EDUCATION DEAN	CENTER FOR ADVANCING RESEARCH AND COMMUNICATION IN SCIENCE; TECHNOLOGY; ENGINEERING; AND MATHEMATICS (ARC)
94	\$98,746	DENVER UNIV OF	Floden, Robert	EDUCATION POLICY CENTER	EARLY CHILDHOOD EDUCATION IN THE CONTEXT OF MATHEMATICS, SCIENCE, AND LITERACY
95	\$162,725	ASSOCIATION OF AMERICAN UNIVERSITIES	Fairweather, James	EDUCATIONAL ADMINISTRATION	AAU UNDERGRADUATE STEM EDUCATION INITIATIVE
96	\$66,218	FLORIDA UNIV OF	Krajcik, Joseph	INST FOR RESEARCH ON MATH AND SCIENCE ED	FUTURES--UNIVERSITY OF FLORIDA UNITES TEACHERS TO REFORM EDUCATION IN SCIENCE
97	\$16,281	INTERNATIONAL OLYMPIC COMMITTEE	Feltz, Deborah	KINESIOLOGY - ED	ENTOURAGE ROLE ON DEVELOPMENT AND TERMINATION OF AN ATHLETIC CAREER: A PROCESS NOT AN EVENT

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98	\$11,000	UNITED STATES TENNIS ASSOCIATION	Gould, Daniel	KINESIOLOGY - ED	BARRIERS, OPPORTUNITIES, AND BEST PRACTICES IN IMPLEMENTING 10- AND-UNDER TENNIS IN AMERICA: EXPERT COACHES' VIEWS
99	\$114,045	VERMONT UNIVERSITY OF	Smith, Alan	KINESIOLOGY - ED	A TRANSLATIONAL APPROACH TO EVALUATING THE EFFECTS OF PHYSICAL ACTIVITY ON ADHD
100	\$47,967	WISCONSIN UNIV OF	Anderson, Charles	TEACHER EDUCATION	PLACE-BASED OPPORTUNITIES FOR SUSTAINABLE OUTCOMES AND HIGH-HOPES (POSOH)
101	\$38,013	UNIV OF NORTHERN COLORADO	Bartell, Tonya	TEACHER EDUCATION	CULTURE IN THE MATHEMATICS CLASSROOM" MATH TLC SUPPLEMENTAL GRANT PROPOSAL
COLLEGE OF ENGINEERING					
102	\$7,040	MICH GRAPE & WINE INDUSTRY COUNCIL	Berglund, Kris	CHEMICAL ENGINEERING & MATERIALS SCIENCE	DETERMINING PIGMENT CO-FACTOR CONTENT IN COMMERCIAL WINE GRAPES IN MICHIGAN
103	\$168,865	NORTHEASTERN UNIV	Calabrese Barton, Scott	CHEMICAL ENGINEERING & MATERIALS SCIENCE	DEVELOPMENT OF NOVEL NON PT GROUP METAL ELECTROCATALYSTS FOR PEM FUEL CELL APPLICATIONS
104	\$45,985	CELANESE CORP	Kolah, Aspi	CHEMICAL ENGINEERING & MATERIALS SCIENCE	REACTIVE DISTILLATION TEST RUNS FOR ACETIC ACID RECOVERY
105	\$409,816	NATL SCIENCE FOUNDATION	Lunt, Richard	CHEMICAL ENGINEERING & MATERIALS SCIENCE	CAREER: NANOSTRUCTURAL AND OPTICAL CONTROL OF VISIBLY-TRANSPARENT SMALL-BANDGAP EXCITONIC SEMICONDUCTORS FOR INTEGRATION IN HIGHLY-EFFICIENT TRANSPARENT PHOTOVOLTAICS
106	\$23,659	UBIQUITOUS ENERGY, INC.	Lunt, Richard	CHEMICAL ENGINEERING & MATERIALS SCIENCE	SBIR: SCALING SINGLE JUNCTION TRANSPARENT PHOTOVOLTAIC DEVICES
107	\$81,093	MICROMIDAS, INC	Miller, Dennis	CHEMICAL ENGINEERING & MATERIALS SCIENCE	HYDRODECHLORINATION OF CHLOROMETHYLFURFURALDEHYDE
108	\$100,622	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

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109	\$200,000	NATL ACADEMY OF SCIENCES	Galehouse, Larry	CIVIL & ENVIRONMENTAL ENGINEERING	PRACTICAL BRIDGE PRESERVATION ACTIONS AND INVESTMENT STRATEGIES
110	\$25,000	NAVAL RESEARCH US OFFICE OF USDN	Jain, Anil	COMPUTER SCIENCE AND ENGINEERING	KERNEL LEARNING FOR FUSING UNCERTAIN INFORMATION FROM MULTIPLE HETEROGENEOUS SOURCES
111	\$25,000	NAVAL RESEARCH US OFFICE OF USDN	Jain, Anil	COMPUTER SCIENCE AND ENGINEERING	LEARNING WITH UIIC DATA: FUSION AND COMPLETION OF PARTIAL KERNEL MATRICES
112	\$315,001	WEST VIRGINIA UNIVERSITY	Jain, Anil	COMPUTER SCIENCE AND ENGINEERING	UNCONSTRAINED FACE RECOGNITION
113	\$40,618	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Kulkarni, Sandeep	COMPUTER SCIENCE AND ENGINEERING	AUTOMATED PROGRAM REVISION FOR EMBEDDED SYSTEMS
114	\$65,000	DRAPER LABORATORY	Ross, Arun	COMPUTER SCIENCE AND ENGINEERING	MODELING IRIS SPECTRAL DEPENDENCY
115	\$35,000	NARUS, INC.	Tan, Pang-Ning	COMPUTER SCIENCE AND ENGINEERING	GIFT FOR GENERAL RESEARCH
116	\$40,000	MATHWORKS	Aslam, Dean	ELECTRICAL AND COMPUTER ENGINEERING	MATLAB & SIMULINK-ENHANCED HANDS-ON FUNCTIONALIZED BRICK WITH EMBEDDED INTELLIGENCE (FBEI) MODULES FOR UNDERGRADUATE EDUCATION
117	\$39,869	FRAUNHOFER USA	Asmussen, Jes	ELECTRICAL AND COMPUTER ENGINEERING	FRAUNHOFER RESEARCH CENTER FOR COATING AND LASER APPLICATIONS
118	\$44,000	GENERAL ELECTRIC CO	Balasubramaniam, Shanker	ELECTRICAL AND COMPUTER ENGINEERING	DISCONTINUOUS MESH CEM DEVELOPMENT
119	\$4,999,731	NATL SCIENCE FOUNDATION	Goodman, Erik	ELECTRICAL AND COMPUTER ENGINEERING	BEACON: AN NSF CENTER FOR THE STUDY OF EVOLUTION IN ACTION
120	\$44,000	GENERAL ELECTRIC CO	Rothwell, Edward	ELECTRICAL AND COMPUTER ENGINEERING	COATING ELECTRICAL PROPERTY CHARACTERIZATION AND CEM DEVELOPMENT
121	\$32,644	MARYLAND UNIV OF	Tan, Xiaobo	ELECTRICAL AND COMPUTER ENGINEERING	BIO-INSPIRED FLOW SENSING AND CONTROL FOR AUTONOMOUS UNDERWATER VEHICLES
122	\$383,676	INTL RESEARCH & EXCHANGES BOARD	Udpa, Lalita	ELECTRICAL AND COMPUTER ENGINEERING	IRAQ UNIVERSITY LINKAGE PROGRAM: COLLABORATIONS IN HIGHER EDUCATION BETWEEN MICHIGAN STATE UNIVERSITY AND UNIVERSITY OF DUHOK, IRAQ
123	\$150,000	WISCONSIN UNIV OF	Verboncoeur, John	ELECTRICAL AND COMPUTER ENGINEERING	BASIC STUDIES OF DISTRIBUTED DISCHARGE LIMITERS FOR COUNTER-HPM

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124	\$20,733	PICOCAL INC	Xi, Ning	ELECTRICAL AND COMPUTER ENGINEERING	SBIR PHASE I: ELECTROPHYSIOLOGY AND FLUIDIC DELIVERY WITH A NANO PATCH-CLAMP PROBE
125	\$218,328	MICHIGAN UNIVERSITY OF	Wolff, Thomas	ENGINEERING DEAN	MICHIGAN LOUIS STOKES ALLIANCE FOR MINORITY PARTICIPATION 2010-2015
126	\$61,500	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
127	\$10,000	BORG-WARNER CORPORATION	Foss, John	MECHANICAL ENGINEERING	CONSORTIUM MEMBERSHIP - BORG-WARNER
128	\$10,000	THE TRANE COMPANY	Foss, John	MECHANICAL ENGINEERING	CONSORTIUM MEMBERSHIP - TRANE
129	\$50,000	MICHIGAN UNIVERSITY OF	Jaberi, Farhad	MECHANICAL ENGINEERING	LES AND DNS OF HIGH SPEED TURBULENT FLOWS
130	\$73,734	VIRGINIA UNIV OF	Jaberi, Farhad	MECHANICAL ENGINEERING	CENTER FOR HYPERSONIC COMBINED CYCLE FLOW PHYSICS
131	\$70,083	NAVAL RESEARCH US OFFICE OF USDN	Lee, Tonghun	MECHANICAL ENGINEERING	IGNITION AND OXIDATION OF BIO-DERIVED FUTURE NAVY FUELS
132	\$50,000	ENERGY US DEPT OF	Mueller, Norbert	MECHANICAL ENGINEERING	WAVE DISC ENGINE
133	\$42,718	CARNEGIE MELLON UNIVERSITY	Pence, Thomas	MECHANICAL ENGINEERING	NEW MATHEMATICAL MODELS FOR THE LARGE STRAIN SWELLING RESPONSE OF BIOLOGICAL TISSUES
134	\$39,227	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
135	\$12,600	BAE SYSTEMS INC.	Pourboghrat, Farhang	MECHANICAL ENGINEERING	THERMO-HYDROFORMING OF THERMOPLASTIC HELMETS
136	\$450,000	ARAMCO SERVICES COMPANY	Schock, Harold	MECHANICAL ENGINEERING	CONSORTIUM ON APPLICATIONS OF THERMOELECTRICS TO CONVERT WASTE HEAT TO ELECTRICITY
137	\$30,000	HONDA OF AMERICA	Shaw, Steven	MECHANICAL ENGINEERING	CRANK PENDULUM ABSORBER
138	\$5,645	GENERAL MOTORS CORPORATION	Xiao, Xinran	MECHANICAL ENGINEERING	SET OF 5 REPETITIONS OF MODE I DCB TESTING AND 5 REPETITIONS OF MODE II ENF TESTING

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COLLEGE OF HUMAN MEDICINE					
139	\$167,587	GREAT LAKES FISHERY COMMISSION	Kuhn, Leslie	BIOCHEMISTRY & MOLECULAR BIOLOGY CHM	DEVELOPMENT OF 3KPZS ANTAGONISTS FOR SEA LAMPREY CONTROL
140	\$130,265	NATL SCIENCE FOUNDATION	Sharkey, Thomas	BIOCHEMISTRY & MOLECULAR BIOLOGY CHM	FUNCTION AND REGULATION OF ISOPRENE SYNTHESIS IN LEAVES
141	\$106,367	SAINT MARY'S HEALTH CARE	Dwyer, Jeffrey	CHM WEST MICHIGAN	MSU - ST. MARY'S TRANSLATIONAL HEALTH IN GRAND RAPIDS
142	\$500,000	VAN ANDEL RESEARCH INSTITUTE	Holmes, Denise	CHM WEST MICHIGAN	MSU - VAN ANDEL TRANSLATIONAL HEALTH RESEARCH IN GRAND RAPIDS
143	\$145,188	MICHIGAN UNIVERSITY OF	Mongoven, Ann	CTR FOR ETH & HUMANIT IN THE LIFE SCI	LINKING COMMUNITY ENGAGEMENT RESEARCH TO PUBLIC HEALTH BIOBANK PRACTICE
144	\$187,601	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)
145	\$175,176	NATL INST OF HEALTH - NIH/PHS	Lu, Qing	EPIDEMIOLOGY AND BIOSTATISTICS	GENE-GENE/GENE-ENVIRONMENT INTERACTIONS ASSOCIATED WITH NICOTINE DEPENDENCE
146	\$78,558	MI DEPT COMMUNITY HEALTH	Wirth, Julia	EPIDEMIOLOGY AND BIOSTATISTICS	GLRI BIOMONITORING
147	\$38,524	MI DEPT COMMUNITY HEALTH	Wirth, Julia	EPIDEMIOLOGY AND BIOSTATISTICS	CLIMATE CHANGE MSU SUPPORT
148	\$10,172	GRAND VALLEY STATE UNIVERSITY	Foley, Kevin	FAMILY MEDICINE, DEPARTMENT OF	WAYFINDING IN AGING AND ALZHEIMER'S DISEASE IN A VIRTUAL SENIOR RESIDENCE
149	\$13,737	PITTSBURGH UNIVERSITY OF	Given, Charles	FAMILY MEDICINE, DEPARTMENT OF	SMARTCARE: INNOVATIONS IN CAREGIVING INTERVENTIONS
150	\$1,672,035	MUNSON MEDICAL CENTER	Bragg, Bruce	HEALTH CARE STUDIES, INSTITUTE FOR CHM	PROMOTION OF HEALTH CARE/PUBLIC HEALTH
151	\$20,000	MI DEPT COMMUNITY HEALTH	Given, Charles	HEALTH CARE STUDIES, INSTITUTE FOR CHM	PROJECT MNGMNT & PLANNING FOR SYST APPROACHES TO SCREENING
152	\$5,250	CELGENE CORPORATION	Al-Janadi, Anas	MEDICINE	CONNECT CLL: CHRONIC LYMPHOCYTIC LEUKEMIA REGISTRY
153	\$30,243	SANOFI-AVENTIS	Al-Janadi, Anas	MEDICINE	MULTICENTER RANDOMIZED DOUBLE BLIND STUDY COMPARING THE EFFICACY AND SAFETY OF AFLIBERCEPT VERSUS PLACEBO ADMINISTERED
154	\$7,900	NATL SURGICAL ADJ BRST & BWL PROJ FDN	Conley, Barbara	MEDICINE	NSABP TFED36

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155	\$10,192	ENDOCYTE INC	Hrinczenko, Borys	MEDICINE	PROTOCOL EC-0489-01; A PHASE I STUDY OF EC0489 ADMINISTERED WEEKS 1 AND 3 OF A 4 WEEK CYCLE
156	\$49,890	PFIZER INC	Mitra, Subhashis	MEDICINE	STREPTOCOCCUS PNEUMOCOCCAL VACCINE IN PATIENTS 50 YEARS OR OLDER WITH END STAGE RENAL DISEASE ON DIALYSIS
157	\$22,000	ASSOC OCCUPATIONAL & ENVIRONMENT CLINICS	Rosenman, Kenneth	MEDICINE	AOEC EXPOSURE CODE SYSTEM UPDATES
158	\$15,360	PFIZER PHARMACEUTICALS	Stein, Gary	MEDICINE	SAFETY AND EFFICACY OF TIGECYCLINE IN THE TREATMENT OF C. DIFFICILE ASSOCIATED DIARRHEA(CDAD)
159	\$11,503	PFIZER PHARMACEUTICALS	Bozoki, Andrea	NEUROLOGY & OPHTHALMOLOGY CHM	AAB-001 3133K1-3000-US, AAB-001, PHASE III, MULTICENTER, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PARALLEL-GROUP EFFICACY AND SAFETY TRIAL OF BAPINEUZUMAB (AAB-001, ELN115727)
160	\$56,213	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
161	\$18,872	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
162	\$12,765	KANSAS UNIVERSITY OF	Fazleabas, Asgerally	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	THE ROLE OF MIR-451 IN ENDOMETRIOSIS PATHOPHYSIOLOGY AND TREATMENT
163	\$269,780	NATL INST CHILD HEALTH & HUMAN DEV -NIH/PHS	Fazleabas, Asgerally	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	MODULATION OF THE RECEPTIVE ENDOMETRIUM BY CG
164	\$50,000	SPARROW HEALTH SYSTEMS	Roman, Leeanne	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	INGHAM COUNTY QUALITY IMPROVEMENT AND RESEARCH PLAN
165	\$31,052	CHILDRENS HOSPITAL OF SEATTLE	Gregoire-Bottex, Marie	PEDIATRICS AND HUMAN DEVELOPMENT	A LONG-TERM PROSPECTIVE OBSERVATIONAL SAFETY STUDY OF THE INCIDENCE OF AND RISK FACTORS FOR FIBROSING COLONOPATHY IN US PATIENTS WITH CYSTIC FIBROSIS TREATED WITH PANCREATIC ENZYME REPLACEMENT THERAPY: A HARMONIZED PROTOCOL ACROSS SPONSORS.

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166	\$13,160	CYSTIC FIBROSIS FOUND	Gregoire-Bottex, Marie	PEDIATRICS AND HUMAN DEVELOPMENT	QUALITY IMPROVEMENT LEARNING AND LEADERSHIP COLLABORATIVE (LLC8)
167	\$8,375	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
168	\$24,872	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
169	\$14,603	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
170	\$7,630	BIOGEN INC	Kulkarni, Roshni	PEDIATRICS AND HUMAN DEVELOPMENT	B-LONG AN OPEN-LABEL, MULTI-CENTER EVALUATION OF THE SAFETY, PHARMACOKINETICS AND EFFICACY OF RECOMBINANT, LONG-ACTING COAGULATION FACTOR IX FC FUSION (RFXFC) IN THE PREVENTION AND TREATMENT OF BLEEDING IN PREVIOUSLY TREATED SUBJECTS WITH SEVERE HEMOPHILIA B
171	\$6,134	NOVO NORDISK	Kulkarni, Roshni	PEDIATRICS AND HUMAN DEVELOPMENT	PATHFINDER 2 NN7088-3859 A MULTI-NATIONAL TRIAL EVALUATING SAFETY AND EFFICACY, INCLUDING PHARMACOKINETICS OF NNC 0129-0000-1003 WHEN ADMINISTERED FOR TREATMENT AND PROPHYLAXIS OF BLEEDING IN PATIENTS WITH HAEMOPHILIA A
172	\$167,071	NATL INST OF HEALTH - NIH/PHS	Galligan, James	PHARMACOLOGY & TOXICOLOGY HUMAN MEDICINE	SERT KO RATS ARE A MODEL OF GENDER SPECIFIC VISCERAL PAIN
173	\$316,241	NATL INST OF HEALTH - NIH/PHS	Rockwell, Cheryl	PHARMACOLOGY & TOXICOLOGY HUMAN MEDICINE	ROLE OF NRF2 IN IMMUNOTOXICITY BY FOOD ADDITIVES AND ENVIRONMENTAL CONTAMINANTS

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LYMAN BRIGGS COLLEGE					
174	\$25,000	DISNEY WORLDWIDE CONSERVATION FUND	Urquhart, Gerald	LYMAN BRIGGS DEAN	NICARAGUA BAIRD'S TAPIR CONSERVATION INITIATIVE
COLLEGE OF MUSIC					
175	\$25,500	MICHIGAN COUNCIL OF ARTS & CULTURAL AFFAIRS	Buckley, Rhonda	MUSIC	OPERATIONAL SUPPORT FOR THE COMMUNITY MUSIC SCHOOL IN EAST LANSING AND DETROIT
COLLEGE OF NATURAL SCIENCE					
176	\$36,000	DONALD DANFORTH PLANT SCIENCE CENTER	Benning, Christoph	BIOCHEMISTRY & MOLECULAR BIOLOGY CNS	US DEPARTMENT OF ENERGY (EFRC; DE-SC0001295) CENTER FOR ADVANCED BIOFUEL SYSTEMS. SUBPROJECT: REGULATION OF OIL BIOSYNTHESIS IN MICROALGAE.
177	\$222,948	NATL INST OF HEALTH - NIH/PHS	Hegg, Eric	BIOCHEMISTRY & MOLECULAR BIOLOGY CNS	BIOSYNTHESIS AND INSERTION OF HEME A DURING CYTOCHROME C OXIDASE BIOGENESIS
178	\$171,545	NATL SCIENCE FOUNDATION	Kuo, Min	BIOCHEMISTRY & MOLECULAR BIOLOGY CNS	HISTONES AND CELL DIVISION CONTROL
179	\$1,136,201	NATL SCIENCE FOUNDATION	Last, Robert	BIOCHEMISTRY & MOLECULAR BIOLOGY CNS	GEPR: BUILDING AND OPERATING CHEMICAL FACTORIES: COMPARATIVE STUDIES OF BIOCHEMICAL PATHWAYS FOR DEFENSE COMPOUNDS IN THE SOLANUM
180	\$250,485	NATL SCIENCE FOUNDATION	Takahashi, Hideki	BIOCHEMISTRY & MOLECULAR BIOLOGY CNS	REGULATION OF SULFUR SENSING BY METABOLIC FLUX PARTITIONING
181	\$120,799	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Dantus, Marcos	CHEMISTRY	NONLINEAR OPTICAL IMAGING OF FLUID FLOW
182	\$150,000	ENERGY US DEPT OF	Dantus, Marcos	CHEMISTRY	SISGR: UNDERSTANDING AND CONTROLLING STRONG-FIELD LASER INTERACTIONS WITH POLYATOMIC MOLECULES
183	\$10,000	DREYFUS CAMILLE & HENRY FOUND	Dye, James	CHEMISTRY	APPLICATION OF "TAMED" ALKALI METALS IN CHEMISTRY
184	\$92,100	GEORGETOWN UNIVERSITY	Huang, Xuefei	CHEMISTRY	QUANTITATIVE ANALYSIS OF GLYCOPROTEINS
185	\$262,580	NATL INST OF HEALTH - NIH/PHS	Proshlyakov, Denis	CHEMISTRY	TRANSIENT CATALYTIC OXYGEN SPECIES IN IRON ENZYMES
186	\$75,000	NAVAL RESEARCH US OFFICE OF USDN	Swain, Greg	CHEMISTRY	PREDICTION OF GALVANIC CORROSION OF DEFENSE MATERIALS

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	Amount	Donor	Director	Unit	Purpose
187	\$294,840	NATL INST OF ALLERGY & INFEC DIS -NIH	Weliky, David	CHEMISTRY	SOLID-STATE NMR OF VIRAL FUSION PEPTIDES AND PROTEINS
188	\$113,247	MICHIGAN TECH RESEARCH INSTITUTE	Hyndman, David	GEOLOGICAL SCIENCES	LINKING REMOTE SENSING AND PROCESS-BASED MODELS TO BETTER UNDERSTAND THE INFLUENCE OF LAND USE AND CLIMATE CHANGES ON GREAT LAKES COASTAL WETLANDS
189	\$25,000	NAVAL RESEARCH US OFFICE OF USDN	Bao, Gang	MATHEMATICS	INVERSE SCATTERING PROBLEMS IN WAVE PROPAGATION
190	\$25,000	OAK RIDGE ASSOCIATED UNIVERSITIES	Christlieb, Andrew	MATHEMATICS	NOVEL TIME STEPPING METHODS FOR STIFF KINETIC PROBLEMS
191	\$565,409	MICHIGAN UNIVERSITY OF	Schmidt, Thomas	MICROBIOLOGY & MOLECULAR GENETICS CNS	THE ROLE OF THE GUT MICROBIOTA IN ULCERATIVE COLITIS
192	\$329,467	NATL INST OF HEALTH - NIH/PHS	Xi, Zhiyong	MICROBIOLOGY & MOLECULAR GENETICS CNS	ENDOSYMBIONT, ARBOVIRUS AND MOSQUITO INTERACTIONS AND THE DISEASE CONTROL
193	\$289,490	NATL INST OF HEALTH - NIH/PHS	Breedlove, Stephen	NEUROSCIENCE PROGRAM	HORMONAL EFFECTS ON BEHAVIOR AND SPINAL CORD MORPHOLOGY
194	\$30,000	AMERICAN MOTILITY SOCIETY	Gulbransen, Brian	NEUROSCIENCE PROGRAM	THE IMPACT OF ENTERIC GLIAL CALCIUM RESPONSES ON ENTERIC NEURON SURVIVAL
195	\$396,184	COLUMBIA UNIVERSITY	Brock, Raymond	PHYSICS-ASTRONOMY	M&O AND R&D FOR ATLAS T/DAQ AND TILECAL
196	\$23,860	REGENTS OF THE UNIVERSITY OF MICHIGAN	Brock, Raymond	PHYSICS-ASTRONOMY	ATLAS GREAT LAKES TIER 2 COMPUTING SYSTEM (AGL)
197	\$70,500	SMITHSONIAN ASTROPHYSICAL OBSERVATORY	Donahue, Megan	PHYSICS-ASTRONOMY	ACCEPT 2: A PUBLIC LIBRARY OF CLUSTER PROPERTIES
198	\$35,000	NATL SCIENCE FOUNDATION	Repko, Wayne	PHYSICS-ASTRONOMY	THEORETICAL STUDIES OF ELECTROWEAK AND HADRONIC INTERACTIONS
199	\$17,000	MICHIGAN APPLE COMMITTEE	Trail, Frances	PLANT BIOLOGY CNS	CONTROL OF SCAB PRIMARY INOCULUM IN ORCHARDS
200	\$14,000	MICHIGAN APPLE COMMITTEE	Trail, Frances	PLANT BIOLOGY CNS	CONTROL OF SCAB PRIMARY INOCULUM IN ORCHARDS
201	\$176,718	NATL AERONAUTICS AND SPACE ADM	Brandizzi, Federica	PLANT RESEARCH LABORATORY NAT SCIENCE	MECHANISMS FOR PLANT ADAPTATION TO SPACE ENVIRONMENT
202	\$203,999	NATL SCIENCE FOUNDATION	Brandizzi, Federica	PLANT RESEARCH LABORATORY NAT SCIENCE	DISCOVERY OF THE MECHANISMS ENABLING THE DYNAMIC ARCHITECTURE OF THE PLANT ER

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203	\$3,200,000	ENERGY US DEPT OF	Thomashow, Michael	PLANT RESEARCH LABORATORY NAT SCIENCE	INTERDISCIPLINARY RESEARCH AND RELATED TRAINING PROGRAM IN THE PLANT SCIENCES
204	\$5,806	FORENSIC SCIENCES FOUNDATION	Foran, David	ZOOLOGY NATURAL SCIENCE	INCREASING THE SUCCESS OF DNA ANALYSIS FROM SKELETAL REMAINS: COMPARING STANDARDS METHODS TO METHODS DESIGNED TO REMOVE PCR INHIBITORS
205	\$5,784	FORENSIC SCIENCES FOUNDATION	Foran, David	ZOOLOGY NATURAL SCIENCE	MITOCHONDRIAL DNA RECOVERY AND ANALYSIS FROM SPENT CARTRIDGE CASINGS
206	\$243,347	NATL SCIENCE FOUNDATION	Miller, Kyle	ZOOLOGY NATURAL SCIENCE	THE ROLE OF FORCES IN AXONAL ELONGATION
207	\$49,939	GATES - BILL AND MELINDA FOUNDATION	Thomas, Stephen	ZOOLOGY NATURAL SCIENCE	THE FOUNDATIONS OF SCIENCE MOOC
COLLEGE OF NURSING					
208	\$250,000	MCKESSON FOUNDATION	Spoelstra, Sandra	NURSING	TEXT MESSAGING TO IMPROVE ADHERENCE TO ORAL CHEMOTHERAPY AGENTS
COLLEGE OF OSTEOPATHIC MEDICINE					
209	\$38,064	ELAN PHARMACEUTICALS INC	Bozoki, Andrea	NEUROLOGY & OPHTHALMOLOGY COM	A PHASE 3, MULTICENTER, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PARALLEL-GROUP EFFICACY AND SAFETY TRAIL OF BAPINE
210	\$98,347	NATL INST OF HEALTH - NIH/PHS	Goudreau, John	NEUROLOGY & OPHTHALMOLOGY COM	MSU PARKINSON DISEASE CLINICAL CENTER
211	\$6,000	MICH DEPT OF LICENSING & REGULATORY AFFAIRS	Sefcik, Donald	OSTEOPATHIC MEDICINE DEAN	INTERPROFESSIONAL EDUCATION TRAINING SEMINAR SERIES
212	\$16,500	BRISTOL MYERS SQUIBB	Bailie, Marc	PHARMACOLOGY & TOXICOLOGY OSTEO MEDICINE	EFFECTS OF COMPOUNDS A-K ON ISOLATED MICE COLON CONTRACTILITY
213	\$44,000	PFIZER ANIMAL HEALTH	Bailie, Marc	PHARMACOLOGY & TOXICOLOGY OSTEO MEDICINE	ACUTE ORAL STUDY WITH PF-04656338 IN DOGS TO EVALUATE ECGS
214	\$133,233	JOHNS HOPKINS UNIVERSITY	Boivin, Michael	PSYCHIATRY OSTEOPATHIC MEDICINE	INTERNATIONAL MATERNAL PEDIATRIC ADOLESCENT AIDS CLINICAL TRIALS (IMPAACT) GROUP
215	\$441,876	NATL INST OF HEALTH - NIH/PHS	Boivin, Michael	PSYCHIATRY OSTEOPATHIC MEDICINE	COMPUTERIZED COGNITIVE REHABILITATION IN CHILDREN AFTER SEVERE MALARIA
216	\$198,761	NATL INST OF HEALTH - NIH/PHS	Boivin, Michael	PSYCHIATRY OSTEOPATHIC MEDICINE	DISPERSION OF A UGANDAN CAREGIVER TRAINING TO MULTIPLE CHILDREN IN THE HOME.

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217	\$55,245	PLAYMAKERS FITNESS FOUNDATION	Carlson, Joseph	RADIOLOGY OSTEOPATHIC MEDICINE	PHYSICAL ACTIVITY AND HEALTHY EATING SUMMER PROGRAM
218	\$105,653	NATL INST OF HEALTH - NIH/PHS	Shapiro, Erik	RADIOLOGY OSTEOPATHIC MEDICINE	SINGLE CELL MRI OF DIRECTED CELL MIGRATION TO STROKE
COLLEGE OF SOCIAL SCIENCE					
219	\$350,274	MARYLAND UNIV OF	Chermak, Steven	CRIMINAL JUSTICE	STUDIES OF TERRORIST ORGANIZATIONS AND IDEOLOGIES: MODELS OF INFLUENCE AND NETWORK EFFECTS GLOBAL TERRORISM DATABASE (GT)
220	\$20,000	MARYLAND UNIV OF	Chermak, Steven	CRIMINAL JUSTICE	STUDIES OF TERRORIST ORGANIZATIONS AND IDEOLOGIES:MODELS OF INFLUENCE AND NETWORK EFFECTS GLOBAL TERRORISM DATABASE (GTD), AMERICAN TERRORIST DATABASE (ATS) AND THE EXTREMIST CRIME DATABASE (ECDB)
221	\$44,670	MICH COMM ON LAW ENFORCE & CRIM JUSTICE	Lawrence, Kim	CRIMINAL JUSTICE	MICHIGAN STATE UNIVERSITY SCHOOL OF STAFF AND COMMAND
222	\$18,964	MICH COMM ON LAW ENFORCE & CRIM JUSTICE	Lawrence, Kim	CRIMINAL JUSTICE	FIRST LINE SUPERVISION
223	\$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 - YEAR 2
224	\$10,000	DETROIT PUBLIC SAFETY FOUNDATION	Pizarro, Jesenia	CRIMINAL JUSTICE	DETROIT HOMICIDE PROBLEM ANALYSIS
225	\$27,694	MI ENVIRONMENTAL QUALITY	Lusch, David	GEOGRAPHY	HIGH RISK EROSION AREA MAPPING FOR MICHIGAN SHORELINE COUNTIES
226	\$36,120	MICHIGAN FITNESS FOUNDATION	Lusch, David	GEOGRAPHY	SNAP MAP DEVELOPMENT PHASE II
227	\$200,000	FLINN ETHEL AND JAMES FAMILY FOUNDATION	Blow, Adrian	HUMAN DEVELOPMENT & FAMILY STUDIES - CSS	STAR BEHAVIORAL HEALTH PROVIDER INITIATIVE
228	\$15,148	VETERANS ADMINISTRATION	Blow, Adrian	HUMAN DEVELOPMENT & FAMILY STUDIES - CSS	VETERANS ADMINISTRATION MOBILITY ASSIGNMENT
229	\$17,000	AMERICAN INDIAN HEALTH AND FAMILY	Silvey, Le Anne	HUMAN DEVELOPMENT & FAMILY STUDIES - CSS	G'DAAMINOBIMAADZIMI (WE SHOULD LIVE WELL TOGETHER)

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230	\$83,306	MI DEPT COMMUNITY HEALTH	Hembroff, Larry	INST FOR PUBLIC POLICY & SOCIAL RESEARCH	PREGNANCY RISK ASSESSMENT MONITORING SURVEY(PRAMS) 2013
231	\$12,411	MI DEPT COMMUNITY HEALTH	Hembroff, Larry	INST FOR PUBLIC POLICY & SOCIAL RESEARCH	BEHAVIORAL RISK FACTOR SURVEY (BRFS) ASTHMA CALL BACK SURVEY
232	\$99,769	NAVAL RESEARCH US OFFICE OF USDN	Altmann, Erik	PSYCHOLOGY SOCIAL SCIENCE	PROCEDURAL ERROR AND TASK INTERRUPTION
233	\$145,679	EARLY CHILDHOOD INVESTMENT CORPORATION	Foster-Fishman, Pennie	PSYCHOLOGY SOCIAL SCIENCE	EVALUATING MICHIGAN'S GREAT START INITIATIVE
234	\$62,396	NATL INST OF HEALTH - NIH/PHS	Johnson, Alexander	PSYCHOLOGY SOCIAL SCIENCE	THE INFLUENCE OF COCAINE ON OUTCOME-MEDIATED RESPONDING
235	\$100,000	NATL AERONAUTICS AND SPACE ADM	Kozlowski, Steve	PSYCHOLOGY SOCIAL SCIENCE	DEVELOPING, MAINTAINING AND RESTORING TEAM COHESION
236	\$78,054	WASHINGTON UNIVERSITY OF	Kozlowski, Steve	PSYCHOLOGY SOCIAL SCIENCE	IMPROVING PATIENT SAFETY THROUGH LEADERSHIP AND TEAM PERFORMANCE IN SIMULATIONS
237	\$399,651	NATL INST OF HEALTH - NIH/PHS	Lucas, Richard	PSYCHOLOGY SOCIAL SCIENCE	COMPARING MEASURES OF EXPERIENTIAL AND EVALUATIVE WELL-BEING
238	\$101,083	ALABAMA UNIVERSITY OF	Miller, Robin	PSYCHOLOGY SOCIAL SCIENCE	ATN COORDINATING CENTER
239	\$137,326	LOYOLA UNIVERSITY CHICAGO	Sisk, Cheryl	PSYCHOLOGY SOCIAL SCIENCE	MECHANISMS OF SEXUALLY DIFFERENTIATED BRAIN REMODELING DURING ADOLESCENCE
240	\$63,970	NATL INST OF HEALTH - NIH/PHS	Yan, Lili	PSYCHOLOGY SOCIAL SCIENCE	NEURAL BASIS FOR SAD:DEVELOPMENT OF A DIURNAL RODENT MODEL
241	\$15,000	AMER ELECTRIC POWER SERVICE CORP	Beecher, Janice	PUBLIC UTILITIES INSTITUTE	PROGRAM SUPPORT FOR IPU FROM AMERICAN ELECTRIC POWER
242	\$15,000	MHW GLOBAL	Beecher, Janice	PUBLIC UTILITIES INSTITUTE	PROGRAM SUPPORT FOR IPU FORM MWH BUSINESS SOLUTIONS
243	\$15,000	MIDWEST ISO	Beecher, Janice	PUBLIC UTILITIES INSTITUTE	PROGRAM SUPPORT FOR IPU FROM MISO
244	\$50,975	MI CORRECTIONS	Kubiak, Sheryl	SOCIAL WORK	VIOLENT OFFENDER PROGRAMMING FOR WOMEN WITH THE MICHIGAN DEPARTMENT OF CORRECTIONS
COLLEGE OF VETERINARY MEDICINE					
245	\$88,941	MI DEPT COMMUNITY HEALTH	Bolin, Carole	DIAGNOST CTR FOR POPULATION & ANIM HLTH	BIOTERRORISM PREPAREDNESS - DIAGNOSTIC CTR FOR POPULATION AND ANIMAL HEALTH

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246	\$8,140	US DEPT AGRICULTURE	Bolin, Carole	DIAGNOST CTR FOR POPULATION & ANIM HLTH	2012 CLASSICAL SWINE FEVER SURVEILLANCE
247	\$8,531	THE COCA-COLA COMPANY	Funk, Julie	LARGE ANIMAL CLINICAL SCIENCES	FOOD SAFETY KOMMUNITY WEBINAR SERIES
248	\$22,842	OHIO STATE UNIVERSITY	Geor, Raymond	LARGE ANIMAL CLINICAL SCIENCES	COLLABORATION ON THE RESEARCH PROPOSAL IGF-1 RECEPTOR SIGNALING IN THE LAMINAR BASAL EPITHELIAL CELLS IN PASTURE-ASSOCIATED LAMINITIS
249	\$56,996	NORTH DAKOTA STATE UNIVERSITY	Kaneene, John	LARGE ANIMAL CLINICAL SCIENCES	ASSESSMENT OF HUMAN AND ANIMAL DISEASE SURVEILLANCE SYSTEMS IN UGANDA
250	\$22,322	UNITED STATES EQUESTRIAN FEDERATION INC	Schott, Harold	LARGE ANIMAL CLINICAL SCIENCES	WELFARE OF 160 KM ENDURANCE HORSES: CAN HORSE HISTORY AND VETERINARY EXAM FINDINGS PREDICT SUBSEQUENT ELIMINATION?
251	\$204,018	NAMESFORLIFE LLC	Garrity, George	MICROBIOLOGY & MOLECULAR GENETICS CVM	THE NAMESFORLIFE SEMANTIC INDEX OF PHENOTYPIC AND GENOTYPIC DATA FOR SYSTEMS BIOLOGY
252	\$341,844	GREAT LAKES FISHERY TRUST	Abdel-Kariem, Mohammed	PATHOBIOLOGY & DIAGNOSTIC INVESTIGAT CVM	ELUCIDATING THE ROLE OF HERD IMMUNITY IN PROTECTING LAKE MICHIGAN FISH AGAINST THE VIRAL HEMORRHAGIC SEPTICEMIA VIRUS (VHSV)
253	\$476,898	US DEPT AGRICULTURE	Hussey, Gisela	PATHOBIOLOGY & DIAGNOSTIC INVESTIGAT CVM	EHV-1 MODULATION OF AIRWAY EPITHELIAL RESPONSES DETERMINES INDUCTION OF IMMUNITY AND PROTECTION
254	\$9,960	MEDTRONIC INC	Langohr, Ingeborg	PATHOBIOLOGY & DIAGNOSTIC INVESTIGAT CVM	IMMUNOHISTOCHEMISTRY OF RAT TISSUES WITH SUBCUTANEOUS IMPLANTS
255	\$277,344	HUNTER COLLEGE	Cibelli, Jose	PHYSIOLOGY VETERINARY MEDICINE	BREAD TRYPANOSOMIASIS RESISTANT CATTLE
256	\$73,597	MICHIGAN UNIVERSITY OF	Hauptman, Joe	SMALL ANIMAL CLINICAL SCIENCES	CRITICAL ANALYSES AND DEVELOPMENT OF TRAINING MECHANISMS: CHOLINERGIC CRISIS AND PEDIATRIC/NEONATAL INTUBATION
257	\$377,479	NATL INST OF HEALTH - NIH/PHS	Komaromy, Andras	SMALL ANIMAL CLINICAL SCIENCES	ACHROMATOPSIA - DISEASE MECHANISMS AND CONE-DIRECTED GENE THERAPY
258	\$18,099	RETIA MEDICAL	Olivier, Nicholas	SMALL ANIMAL CLINICAL SCIENCES	COMPARATIVE TEST OF CARDIAC OUPUT MONITORING DEVICES
259	\$28,878	MC3, INCORPORATED	Pelosi, Augusta	SMALL ANIMAL CLINICAL SCIENCES	MC3 ANNULUS PLACEMENT TESTING WITH OPEN HEART SURGERY

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260	\$75,000	GROUSBECK TRUST	Petersen-Jones, Simon	SMALL ANIMAL CLINICAL SCIENCES	CEP290-ASSOCIATED LEBER CONGENITAL AMAUROSIS AND SIMILAR RESEARCH
VICE PROVOST LIBRARIES COMPUTING & TECHNOLGY					
261	\$975,583	CORPORATION FOR PUBLIC BROADCASTING	Reid, Gary	BROADCASTING SERVICES	AUGMENT THE PUBLIC SERVICES OF WKAR-TV
262	\$24,000	MICHIGAN COUNCIL OF ARTS & CULTURAL AFFAIRS	Reid, Gary	BROADCASTING SERVICES	BACKSTAGE PASS
NAT'L SUPERCONDUCTING CYCLOTRON LABORATORY					
263	\$2,339,900	MI STATE OF	Glasmacher, Thomas	NAT'L SUPERCONDUCTING CYCLOTRON LAB	SOM - FUNDING FOR FACILITY FOR RARE ISOTOPE BEAMS (FRIB)
PROVOST-VICE PRES FOR ACADEMIC AFFAIRS					
264	\$5,049	JOHNS HOPKINS UNIVERSITY	Bonner, Joseph	CLINICAL AND TRANSLATIONAL SCIENCES	GENOME-WIDE EXAMINATION OF DNA METHYLATION IN AUTISM
265	\$6,778	ELAN PHARMACEUTICALS INC	Henry, Jonathan	CLINICAL AND TRANSLATIONAL SCIENCES	A PHASE 3, MULTICENTER, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PARALLEL-GROUP, EFFICACY AND SAFETY TRIAL OF BAPIN
ASC PROV FOR UNIV OUTREACH & ENGAGEMENT					
266	\$18,000	MICHIGAN COUNCIL OF ARTS & CULTURAL AFFAIRS	Morgan, Gary	MUSEUM - UOE	MSU MUSEUM OPERATIONAL SUPPORT PROGRAM 2013
267	\$90,787	UNIVERSITY OF COLORADO - DENVER	Barnes Najor, Jessica	OUTREACH & ENGAGEMENT PARTNERSHIPS	AMERICAN INDIAN AND ALASKA NATIVE EARLY CHILDHOOD RESEARCH CENTER
268	\$20,000	MICHIGAN COUNCIL OF ARTS & CULTURAL AFFAIRS	Goldstein, Bert	PERFORMING ARTS FACILITIES & PROGRAMS	MSU FEDERAL CREDIT UNION INSTITUTE FOR ARTS AND CREATIVITY
269	\$8,064	MICHIGAN UNIVERSITY OF	Fitzgerald, Hiram	UNIV OUTREACH & ENGAGEMENT - ADMIN	NEUROCOGNITIVE RISK FOR ALCOHOLISM INTO ADULthood
270	\$26,484	INFORMATION TECHNOLOGY & INNOVATION FND	Swierenga, Sarah	USABILITY/ ACCESSIBILITY RSCH CONSULTING	SMART VOTING JOYSTICK FOR ACCESSIBLE VOTING MACHINES
271	\$75,000	MI STATE OF	Swierenga, Sarah	USABILITY/ ACCESSIBILITY RSCH CONSULTING	USABILITY EVALUATIONS OF THE BRIDGES ONLINE AND MI BRIDGES WEB APPLICATIONS
ASC PROV ACAD STDNT SERV & MULTICUL ISSUES					
272	\$155,000	MICHIGAN DEPARTMENT OF EDUCATION	Garcia, Luis	MIGRANT STUDENT SERVICES	MICHIGAN STATE UNIVERSITY IDENTIFICATION AND RECRUITMENT CENTER

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INTERNATIONAL STUDIES AND PROGRAMS					
273	\$38,052	NATL SCIENCE FOUNDATION	Chandra, Siddharth	ASIAN STUDIES CENTER	COLLABORATIVE RESEARCH: CENTER FOR HISTORICAL INFORMATION AND ANALYSIS (CHIA)
274	\$50,000	TAG PHILANTHROPIC FOUNDATION	Glew, Robert	CTR FOR ADV STUDY OF INTL DEVELOP - ISP	ENHANCING TEACHING AND LEARNING IN RURAL TANZANIA
275	\$12,000	US JAPAN FOUNDATION	Chandra, Siddharth	INTERNATIONAL STUDIES & PROGRAMS DEAN	MICHIGAN JAPANESE QUIZ BOWL SPONSORSHIP
276	\$10,000	TINKER FOUNDATION INC	Blake, Robert	LATIN AMERICAN STUDIES CENTER	TINKER FOUNDATION FIELD RESEARCH GRANT 2012 - 2015
MICHIGAN AGRICULTURAL EXPERIMENT STATION					
277	\$200,000	AGENCY FOR INTERNATL DEVELOPMENT	Crawford, Eric	AG, FOOD, RESOURCE ECON MABR	MODELING HOUSEHOLD FOOD SECURITY GIVEN CLIMATE CHANGE UNCERTAINTY IN ZAMBIA AND KENYA
278	\$1,700,000	AGENCY FOR INTERNATL DEVELOPMENT	Jayne, Thomas	AG, FOOD, RESOURCE ECON MABR	FOOD SECURITY RESEARCH PROJECT - PHASE III
279	\$78,771	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Lupi, Frank	AG, FOOD, RESOURCE ECON MABR	MICHIGAN TROUT ANGLER SURVEY
280	\$64,605	INTL FOOD POLICY RESEARCH INSTITUTE	Reardon, Thomas	AG, FOOD, RESOURCE ECON MABR	VALUE CHAINS IN BANGLADESH
281	\$10,182	NATURE CONSERVANCY THE	Swinton, Scott	AG, FOOD, RESOURCE ECON MABR	GREAT LAKES WATERSHED ECOLOGICAL SUSTAINABILITY STRATEGY PHASE II: PAYMENTS FOR AGRICULTURAL ECOSYSTEM SERVICES
282	\$650,738	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Coussens, Paul	ANIMAL SCIENCE DEPARTMENT MABR	IMPROVING GENETIC RESISTANCE OF CATTLE TO JOHNE'S DISEASE
283	\$11,750	ALLTECH INC	Hill, Gretchen	ANIMAL SCIENCE DEPARTMENT MABR	MINERALS IN SWINE NUTRITION
284	\$60,000	ZINPRO CORPORATION	Nielsen, Brian	ANIMAL SCIENCE DEPARTMENT MABR	EFFICACY OF ZINPRO PERFORMANCE MINERALS IN PREVENTING AND HEALING EQUINE GASTRIC ULCERS AND LEAKY GUT SYNDROME
285	\$222,577	THE COCA-COLA COMPANY	Saffron, Christopher	BIOSYSTEMS & AG ENGINEERING MABR	GREEN SYNTHESIS OF BTX AS INTERMEDIATES FOR PET PRODUCTION
286	\$85,000	FOUNDATION FOR RECREATIONAL BOATING, SAFETY, EDUCATION & ENVIRO	Mahoney, Edward	COMMUNITY, AG, REC & RES STD MABR	ANALYSIS OF 2011 NATIONAL RECREATIONAL BOATING SURVEY
287	\$59,500	ORCHARD SUPPLY HARDWARE	Mahoney, Edward	COMMUNITY, AG, REC & RES STD MABR	ORCHARD SUPPLY HARDWARE

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288	\$37,718	USDA - AGRICULTURE U.S. DEPT. OF - ES	Douches, David	CROP AND SOIL SCIENCE MABR	TRANSLATING SOLANACEAE SEQUENCE DIVERSITY AND TRAIT VARIATION INTO APPLIED OUTCOMES THROUGH INTEGRATIVE RESEARCH, EDUCATION AND EXTENSION
289	\$20,000	MICH CROP IMPROVEMENT ASSOC	Freed, Russell	CROP AND SOIL SCIENCE MABR	BREEDING NEW WHEAT CULTIVARS IN MICHIGAN
290	\$13,860	MICH CROP IMPROVEMENT ASSOC	Freed, Russell	CROP AND SOIL SCIENCE MABR	WHEAT RESEARCH.
291	\$35,000	MICH CROP IMPROVEMENT ASSOC	Kelly, James	CROP AND SOIL SCIENCE MABR	DEVELOPMENT AND MAINTENANCE OF HIGH-YIELDING, DISEASE RESISTANT, DROUGHT TOLERANT, PROCESOR QUALITY DRY BEAN VARIETIES SUITABLE FOR DIRECT HARVEST IN MICHIGAN
292	\$1,900,000	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Kelly, James	CROP AND SOIL SCIENCE MABR	DEVELOPING AND DELIVERING COMMON BEAN (PHASEOLUS VULGARIS) GERMPLASM WITH RESISTANCE TO THE MAJOR SOIL BORNE PATHOGENS IN EAST AFRICA
293	\$259,716	IOWA STATE UNIVERSITY	Kravchenko, Alexandra	CROP AND SOIL SCIENCE MABR	CLIMATE CHANGE, MITIGATION, AND ADAPTATION IN CORN-BASED CROPPING SYSTEMS
294	\$15,000	BASF CORPORATION	Penner, Donald	CROP AND SOIL SCIENCE MABR	WEED SCIENCE AND CROP PHYSIOLOGY; HERBICIDE SELECTIVITY, ACTION, AND METABOLISM IN THE CROPS AND WEEDS.
295	\$10,000	WINFIELD SOLUTIONS, LLC	Penner, Donald	CROP AND SOIL SCIENCE MABR	WEED SCIENCE AND CROP PHYSIOLOGY; HERBICIDE SELECTIVITY, ACTION, AND METABOLISM IN CROPS AND WEEDS.
296	\$12,000	SCOTTS COMPANY	Rogers, John	CROP AND SOIL SCIENCE MABR	TURFGRASS MANAGEMENT.
297	\$59,983	THE CERES TRUST	Snapp, Sieglinde	CROP AND SOIL SCIENCE MABR	ORGANIC MANAGEMENT EFFECTS ON INDIVIDUAL SPECIES OF MYCORRHIZAL FUNGI, AND THE CONSEQUENCES FOR PLANT PERFORMANCE AND SOIL HEALTH
298	\$59,739	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
299	\$31,500	CORN MARKETING PROGRAM OF MICHIGAN	Sprague, Christy	CROP AND SOIL SCIENCE MABR	DEVELOPING MANAGEMENT STRATEGIES FOR GLYPHOSATE/ALS-RESISTANT PALMER AMARANTH IN MICHIGAN CORN PRODUCTION SYSTEMS.
300	\$8,000	MONSANTO COMPANY	Sprague, Christy	CROP AND SOIL SCIENCE MABR	WEED MANAGEMENT SYSTEM MIDWEST [2011-01-B7-12 DTS]

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301	\$5,500	WINFIELD SOLUTIONS, LLC	Sprague, Christy	CROP AND SOIL SCIENCE MABR	WEED MANAGEMENT STRATEGIES IN SOYBEAN, SUGAR BEETS AND DRY BEANS.
302	\$7,500	AGRIUM ADVANCED TECHNOLOGIES	Steinke, Kurt	CROP AND SOIL SCIENCE MABR	SOIL FERTILITY AND NUTRIENT MANAGEMENT STRATEGIES ACROSS AG. PRODUCTION SYSTEMS.
303	\$5,750	AGXPLORE INTERNATIONAL	Steinke, Kurt	CROP AND SOIL SCIENCE MABR	SOIL FERTILITY AND NUTRIENT MANAGEMENT STRATEGIES ACROSS AG. PRODUCTION SYSTEMS.
304	\$5,600	ANDERSONS THE	Steinke, Kurt	CROP AND SOIL SCIENCE MABR	SOIL FERTILITY AND NUTRIENT MANAGEMENT STRATEGIES ACROSS AGRICULTURAL PRODUCTION SYSTEMS.
305	\$26,582	CORN MARKETING PROGRAM OF MICHIGAN	Steinke, Kurt	CROP AND SOIL SCIENCE MABR	SULFUR IMPACTS ON THE NITROGEN USE EFFICIENCY OF MICHIGAN CORN PRODUCTION
306	\$17,443	CORN MARKETING PROGRAM OF MICHIGAN	Steinke, Kurt	CROP AND SOIL SCIENCE MABR	POLYMER COATED UREA APPLICATION TIMINGS, NITROGEN RATES, AND BLENDING RATIOS AFFECT MICHIGAN CORN PROFITABILITY
307	\$55,000	US DEPT AGRICULTURE	Wang, Dechun	CROP AND SOIL SCIENCE MABR	FINE MAPPING, TRANSCRIPTOMICS, PROTEOMICS AND METABOLOMICS OF SOYBEAN APHID RESISTANCE GENES
308	\$19,440	SAGINAW COUNTY OF	Kaufman, Michael	ENTOMOLOGY MABR	ARBO-VIRAL DISEASE TESTING OF SERO SAMPLES AND MOSQUITO POOLS FOR SLE, EEE, WNV, AND CALIFORNIA GROUP ENCEPHALITIS
309	\$20,000	MICHIGAN DEPARTMENT OF AGRICULTURE	Olsen, Larry	ENTOMOLOGY MABR	CONTRIBUTION TO MICHIGAN'S PESTICIDE CERTIFICATION AND TRAINING PROGRAM: 2012-13
310	\$15,000	ARBORJET INC	Wise, John	ENTOMOLOGY MABR	TESTING ARBORJET PRODUCTS IN APPLES
311	\$8,800	CHEMTURA USA CORP	Wise, John	ENTOMOLOGY MABR	TESTING CHEMTURA INSECTICIDES IN APPLES
312	\$8,000	GREAT LAKES CROP TECH LLC	Wise, John	ENTOMOLOGY MABR	WISE: TESTING TRIALS WITH GL CROP TECH
313	\$9,000	LEHIGH AGRI & BIOLOGICAL SERVICES INC.	Wise, John	ENTOMOLOGY MABR	TESTING NICHINO INSECTICIDES FOR FRUIT PEST MANAGEMENT
314	\$7,000	MICH HORTICULTURE SOCIETY	Wise, John	ENTOMOLOGY MABR	MATCHING SUPPORT FOR "INNOVATIVE FRUIT PLANTINGS: KEEPING MICHIGAN FRUIT PRODUCERS COMPETITIVE BY ESTABLISHING RESEARCH PLOTS DESIGNED FOR 21ST CENTURY PRODUCTION NEEDS"
315	\$13,500	SYNGENTA CROP PROTECTION INC	Wise, John	ENTOMOLOGY MABR	TESTING SYNGENTA INSECTICIDES WITH TRUNK INJECTION IN APPLES
316	\$103,926	GREAT LAKES FISHERY COMMISSION	Jones, Michael	FISHERIES AND WILDLIFE MABR	GLFC PERM MUIR - JONES

**Gift, Grant and Contract Report
Board Of Trustees
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	Amount	Donor	Director	Unit	Purpose
317	\$77,726	GREAT LAKES FISHERY COMMISSION	Jones, Michael	FISHERIES AND WILDLIFE MABR	GLFC PERM SALARY AND FRINGE, OUTREACH SPECIALIST, HOLLY (PATRICK) MUIR
318	\$17,803	GREAT LAKES FISHERY COMMISSION	Jones, Michael	FISHERIES AND WILDLIFE MABR	WORKSHOPS TO REVISE AND IMPROVE THE LAKE MICHIGAN RED FLAGS ANALYSIS
319	\$15,098	GREAT LAKES FISHERY COMMISSION	Jones, Michael	FISHERIES AND WILDLIFE MABR	GLFC SUPPORT FOR QFC
320	\$118,266	US GEOLOGICAL SURVEY	Jones, Michael	FISHERIES AND WILDLIFE MABR	DEVELOPMENT OF FISH HABITAT RESTORATION STRATEGIES FOR THE HURON-ERIE CORRIDOR
321	\$33,563	CONSOLIDATED SAFETY SERVICES	Joshi, Sonia	FISHERIES AND WILDLIFE MABR	MONITORING AND FORECASTING CYANOBACTERIAL BLOOMS FOR PUBLIC HEALTH PROTECTION AND RESPONSE
322	\$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
323	\$89,999	NATL SCIENCE FOUNDATION	Kobe, Richard	FORESTRY MABR	LTREB RENEWAL: WOODY SEEDLING DYNAMICS IN A WET TROPICAL FOREST & SPECIES COEXISTENCE
324	\$478,561	TETRA TECH INC.	Skole, David	FORESTRY MABR	PARTNERSHIP FOR LAND USE SCIENCE (FOREST-PLUS)
325	\$80,000	HORTIFRUT	Hancock, James	HORTICULTURE MABR	BLUEBERRY VARIETIES LICENSE AGREEMENT FOR LATIN AMERICA AGR2012-00163
326	\$8,000	HORTIFRUT	Hancock, James	HORTICULTURE MABR	RESEARCH CONTRIBUTION TO THE BLUEBERRY BREEDING PROGRAM AS A PART OF MSU AGREEMENT WITH HORTIFRUT S.A.
327	\$598,164	UTAH UNIVERSITY OF	Jiang, Ning	HORTICULTURE MABR	DEVELOPING AN EFFECTIVE, PORTABLE ANNOTATION ENGINE FOR PLANT GENOMES
328	\$40,000	TECHNOSERVE	Widders, Irvin	HORTICULTURE MABR	"HONDURAN AGRICULTURE PARTNERSHIP" (HAP)
329	\$589,748	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
330	\$92,795	VINYL ACETATE COUNCIL	Harkema, Jack	PATHOBIOLOGY & DIAGNOSTIC INVESTGN MABR	VINYL ACETATE: EVALUATION OF N2-ETHYL DG DNA ADDUCTS AND EPITHELIAL CELL PROLIFERATION IN NASAL AIRWAYS OF CRL:CD(SD) RATS REPEATEDLY EXPOSED TO VINYL ACETATE VAPORS

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331	\$355,000	NATL SCIENCE FOUNDATION	Lau, Jennifer	PLANT BIOLOGY MABR	COLLABORATIVE RESEARCH: EVOLUTION IN LTER EXPERIMENTS: ECOLOGICAL AND EVOLUTIONARY CONSEQUENCES OF LONG-TERM NITROGEN ADDITION FOR THE LEGUME-RHIZOBIUM MUTUALISM
332	\$30,000	US DEPT AGRICULTURE	Chilvers, Martin	PLANT PATHOLOGY MABR	HOST RESISTANCE TO MANAGE CHARCOAL ROT IN THE NORTH CENTRAL US AND THE INFLUENCE OF PATHOGEN VARIABILITY ON DISEASE DEVELOPMENT
333	\$6,000	ALLEN K. YUST	Hausbeck, Mary	PLANT PATHOLOGY MABR	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
334	\$15,000	AMER FLORAL ENDOWMENT	Hausbeck, Mary	PLANT PATHOLOGY MABR	PREVENTING POWDERY AND DOWNY MILDEWS FROM RUINING FLOWER CROPS.
335	\$6,000	MAKHTESHIM-AGAN OF NORTH AMERICA INC	Hausbeck, Mary	PLANT PATHOLOGY MABR	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
336	\$15,027	MICH ASPARAGUS ADVISORY BOARD	Hausbeck, Mary	PLANT PATHOLOGY MABR	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL
337	\$16,000	MICH CARROT COMMITTEE	Hausbeck, Mary	PLANT PATHOLOGY MABR	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
338	\$19,000	WESTERN MICHIGAN GREENHOUSE ASSOCIATION	Hausbeck, Mary	PLANT PATHOLOGY MABR	FINDING SOLUTIONS TO IMPATIENS DOWNY MILDEW FOR MICHIGAN'S GREENHOUSE AND LANDSCAPE INDUSTRIES
339	\$11,000	ACETO AGRICULTURAL CHEMICALS CORP	Sundin, George	PLANT PATHOLOGY MABR	DISEASE OF TREE FRUIT CROPS AND THEIR CONTROL
340	\$27,600	ARYSTA LIFE SCIENCE	Sundin, George	PLANT PATHOLOGY MABR	DISEASES OF TREE FRUIT CROPS AND THEIR CONTROL
341	\$29,000	WILBUR ELLIS COMPANY	Sundin, George	PLANT PATHOLOGY MABR	DESEASES OF TREE FRUIT CROPS AND THEIR CONTROL.
MICHIGAN STATE UNIVERSITY EXTENSION					
342	\$18,153	US POULTRY & EGG ASSOCIATION	Karcher, Darrin	ANIMAL SCIENCE DEPARTMENT - MSUE	ENRICHED COLONY CAGES: STOCKING DENSITY ON LAYING HEN WELL-BEING
343	\$47,665	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
344	\$98,180	MICH 4-H FOUNDATION	Chapin, Julie	CHILDREN, YOUTH, FAMILIES & COMMUNITIES	4-H YOUTH DEVELOPMENT

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Board Of Trustees
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345	\$8,121	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
346	\$22,000	US DEPT AGRICULTURE	Kells, James	CROP AND SOIL SCIENCES MSUE	BEET RESEARCH
347	\$14,652	US DEPT AGRICULTURE	Kells, James	CROP AND SOIL SCIENCES MSUE	BEAN-BEET ENGINEERING RESEARCH
348	\$12,650	US DEPT AGRICULTURE	Kells, James	CROP AND SOIL SCIENCES MSUE	BEAN RESEARCH
349	\$72,484	MINNESOTA UNIV OF	Lizotte, Erin	EXTENSION AGRICULTURE AND AGRIBUSINESS	ENHANCING THE INTEGRATED PEST MANAGEMENT ACADEMY TO PROVIDE PROFESSIONAL DEVELOPMENT OPPORTUNITIES FOR AGRICULTURAL EDUCATORS THAT INCREASE ECONOMICALLY AND ENVIRONMENTALLY SUSTAINABLE AGRICULTURE IN MICHIGAN.
350	\$11,590	MICHIGAN UNIVERSITY OF	Rothwell, Nikki	EXTENSION AGRICULTURE AND AGRIBUSINESS	ASSESSING AND COMMUNICATING RISKS FROM CLIMATE VARIABILITY FOR THE MICHIGAN TART CHERRY INDUSTRY
351	\$19,683	NATL 4-H COUNCIL	Bottomley, Lisa	EXTENSION CHILDREN AND YOUTH	MICHIGAN 4-H YOUTH MENTORING TECH WIZARDS
352	\$27,416	MICH 4-H FOUNDATION	Chapin, Julie	EXTENSION CHILDREN AND YOUTH	MICHIGAN 4-H FOUNDATION COUNTY PROGRAMS
353	\$50,085	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Chapin, Julie	EXTENSION CHILDREN AND YOUTH	NATURAL RESOURCES URBAN OUTREACH COORDINATOR
354	\$19,676	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Chapin, Julie	EXTENSION CHILDREN AND YOUTH	SERVICE CONTRACT FOR G. WILLIAMS: URBAN OUTREACH COORDINATOR
355	\$224,335	SAGINAW INTERMEDIATE SCHOOL DISTRICT	Chapin, Julie	EXTENSION CHILDREN AND YOUTH	SAGINAW ISD BIRTH TO 5
356	\$13,250	ALBION COMMUNITY FOUNDATION	Grice, Sherry	EXTENSION CHILDREN AND YOUTH	ALBION COMMUNITY FOUNDATION CALHOUN CO 4-H
357	\$25,248	MI DEPT OF HUMAN SERVICES	Lehman, Bonnie	EXTENSION CHILDREN AND YOUTH	HEALTHY START TO PREVENT AND TREAT CHILD ABUSE AND NEGLECT
358	\$23,000	KANSAS STATE UNIVERSITY	Moyses, Kendra	EXTENSION CHILDREN AND YOUTH	MILITARY 4-H CLUB GRANT
359	\$116,567	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

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	Amount	Donor	Director	Unit	Purpose
360	\$10,000	MICHIGAN DEPARTMENT OF AGRICULTURE	Odonnell, Jill	EXTENSION NORTH REGION	PILOT PROGRAM FOR AUDIT-BASED CONIFER NURSERY STOCK CERTIFICATION
361	\$323,802	MICHIGAN UNIVERSITY OF	Pistis, Charles	FISHERIES AND WILDLIFE MSUE	MICHIGAN SEA GRANT EXTENSION
362	\$13,696	OHIO STATE UNIVERSITY	Pistis, Charles	FISHERIES AND WILDLIFE MSUE	OUTREACH SUPPORT FOR THE ASIAN CARP REGIONAL COORDINATING COMMITTEE
363	\$45,174	REGENTS OF THE UNIVERSITY OF MICHIGAN	Pistis, Charles	FISHERIES AND WILDLIFE MSUE	GRAND TRAVERSE BAY WATERSHED CLIMATE CHANGE PERCEPTIONS SURVEY
364	\$20,000	REGENTS OF THE UNIVERSITY OF MICHIGAN	Pistis, Charles	FISHERIES AND WILDLIFE MSUE	TRAWL DESIGN TRAINING WORKSHOP
365	\$7,000	MICH ASPARAGUS RESEARCH COMMITTEE	Brainard, Daniel	HORTICULTURE - MSUE	BUILDING ASPARAGUS RESILIENCE TO HIGH TEMPERATURE AND DROUGHT EVENTS THROUGH IRRIGATION.
366	\$5,960	MICH ASPARAGUS RESEARCH COMMITTEE	Brainard, Daniel	HORTICULTURE - MSUE	OPTIMIZING IRRIGATION SYSTEMS FOR MICHIGAN ASPARAGUS
367	\$22,545	NORTH CAROLINA STATE UNIVERSITY	Cregg, Bert	HORTICULTURE - MSUE	DEVELOPMENT AND USE OF GENOMIC TOOLS TO IMPROVE FIRS FOR USE AS CHRISTMAS TREES.
368	\$59,020	THE CERES TRUST	Ngouajio, Mathieu	HORTICULTURE - MSUE	ENHANCING SOIL QUALITY, PLANT HEALTH, AND DISEASE MANAGEMENT IN ORGANIC PRODUCTION WITH BRASSICA COVER CROPS USED AS BIOFUMIGANTS.
369	\$20,000	MAST HENRY GREENHOUSES	Runkle, Erik	HORTICULTURE - MSUE	UNRESTRICTED GIFT IN SUPPORT OF FLORICULTURE RESEARCH.
370	\$23,657	MICH GRAPE & WINE INDUSTRY COUNCIL	Sabbatini, Paolo	HORTICULTURE - MSUE	ACHIEVING VINE BALANCE: INFLUENCE OF CLIMATE, CULTIVAR AND VITICULTURE PRACTICES ON FRUIT QUALITY.
371	\$21,440	MICH GRAPE & WINE INDUSTRY COUNCIL	Sabbatini, Paolo	HORTICULTURE - MSUE	LEAF REMOVAL: A TOOL TO IMPROVE CROP CONTROL AND FRUIT QUALITY IN VINIFERA GRAPES.
372	\$79,998	GRAND VALLEY STATE UNIVERSITY	Pistis, Charles	MSUE DIRECTORS OFFICE	COORDINATED ONBOARD EDUCATION & OUTREACH
373	\$52,000	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Cuthrell, David	NATURAL FEATURES INVENTORY MSUE	ASSESSMENT OF SGCN ANIMAL CONSERVATION STATUS RANKS TO AID DELISTING
374	\$10,500	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Cuthrell, David	NATURAL FEATURES INVENTORY MSUE	ADDITION OF THE POWESHIEK SKIPPERLING TO THE MITCHELL'S SATYR BUTTERFLY HCP

**Gift, Grant and Contract Report
Board Of Trustees
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	Amount	Donor	Director	Unit	Purpose
VICE PRES RESEARCH AND GRADUATE STUDIES					
375	\$15,938	ENANTIGEN THERAPEUTICS, INC	Phelps, Hilary	REGULATORY AFFAIRS, OFFICE OF	EFFICACY OF THREE NOVEL THERAPEUTICS IN A NEUTROPENIC MURINE INDUCED SOFT TISSUE INFECTION MODEL
376	\$120,000	PFIZER ANIMAL HEALTH	Phelps, Hilary	REGULATORY AFFAIRS, OFFICE OF	EFFICACY OF NOVEL THERAPEUTICS IN A MURINE PASTEURELLA MULTOCIDA INDUCED LUNG INFECTION MODEL
377	\$120,000	PFIZER ANIMAL HEALTH	Phelps, Hilary	REGULATORY AFFAIRS, OFFICE OF	EFFICACY OF NOVEL THERAPEUTICS IN A MURINE MANNHEIMIA HAEMOLYTICA INDUCED SYSTEMIC INFECTION MODEL
GRADUATE SCHOOL DEAN					
378	\$5,735	VAN ANDEL RESEARCH INSTITUTE	Klomprens, Karen	GRADUATE SCHOOL DEAN	GRADUATE EDUCATION COLLABORATION
UNIVERSITY ADVANCEMENT					
379	\$33,417,659	VARIOUS DONORS	Groves, Robert	VICE PRESIDENT UNIVERSITY ADVANCEMENT	GIFTS TO MSU FOR PERIOD OCTOBER THROUGH DECEMBER, 2012
V.P. FINANCE AND OPERATIONS AND TREASURER					
380	\$10,877	MSU FOUNDATION	Poston, Fred	FINANCE & OPERATIONS VP & TREASURER	SALARIES AND FRINGES PAID FOR FISCAL YEAR 2012-13
GENERAL UNIVERSITY ITEMS					
381	\$12,820	INGHAM COUNTY	Rosen, Holly	DOMESTIC SHELTER	SHELTER, ADVOCACY AND SUPPORT FOR DOMESTIC VIOLENCE SURVIVORS
Various					
382	\$343,312	VARIOUS	Various	Various	146 CONSOLIDATED GRANTS WITH INDIVIDUAL VALUES LESS THAN \$5000. DETAILS ON FILE IN CONTRACT & GRANT ADMIN., ROOM 301 ADMIN. BLDG.
	\$85,109,041	Total April 2013 Board			

CONSIGNMENT/NON-CASH GIFTS
BOARD OF TRUSTEES
APRIL 2013

GIFT NO.	GIFT	DONOR	DEPARTMENT NAME	ESTIMATED VALUE	PURPOSE OR USE
1	Store Visualizer Software – 30 seats product code 9648514Z	EskoArtwork	School of Packaging	\$883,200.00	Student instruction
2	Roxy Paine (American, born 1966) Containment I, 2009 Stainless steel, 143 x 96 x 96 inches	Mr. & Mrs. Eli Broad c/o The Broad Art Foundation	Eli & Edythe Broad Art Museum	\$500,000.00	Donation to the Art Museum
3	Lease of office space for 2012 4700 S. Hagadorn Rd, Suites 100, 170 & 200	HTRC Associates	EBSP	\$128,625.00	Office space
4	Materials for Special Collections	Charles Aschbrenner	Libraries	\$122,061.60	Research MSU Libraries Special Collections
5	Lease of office space for 2012 4660 S. Hagadorn Rd, Suite 210 4770 S. Hagadorn Rd., Suite 152	HTRC Associates	AIS	\$ 56,226.96	Office space
6	Comic book collection	Terry Malone	Libraries	\$ 53,635.55	Libraries' Special Collections
7	Faro Arm 3D Measurement System AMTI 6 axis Load Cells AMTI 6 channel Strain gage amps Other equipment	Dr. Herbert Reynolds	Radiology	\$30,676.00	Biomechanics research

CONSIGNMENT/NON-CASH GIFTS
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8	Materials for Special Collections	Chris T. Spencer	Libraries	\$30,515.40	Research MSU Libraries Special Collections
9	Published works, poetry anthologies and letters	Diane Wakoski	Libraries	\$30,000.00	Libraries' Special Collections
10	Aircraft services	Quantum Ventures of Michigan, LLC Bob Skandalaris	Intercollegiate Athletics / Spartan Fund	\$19,611.39	Basketball recruiting trip
11	Accommodations for golf teams	Central Michigan Inns, Inc.	Spartan Fund Athletics	\$11,629.38	Hotel rooms for golf teams
12	Fabric, trims, buttons and miscellaneous notions	Fabric Gallery	Theatre	\$11,545.35	For use by the Theatre department
13	Aircraft services	Quantum Ventures of Michigan, LLC Bob Skandalaris	Intercollegiate Athletics / Spartan Fund	\$10,981.98	Transportation to Washington D.C. for football coaching staff
14	17 Bonsai trees	Dr. William Heston	Hidden Lake Gardens / Land Management	\$ 9,670.00	Hidden Lake Gardens Bonsai Display
15	Maccor 4000 series cell tester, blower control and lab bench	Texas Instruments	ChEMS	\$8,963.00	Research and teaching
16	Lease of office space for 2012 4660 S. Hagadorn Rd., Suite 620	HTRC Associates	Provost	\$6,705.96	Office space
17	Gilbert Jonas papers	Joyce Jonas	Archives & Historical Collections	\$5,000.00	Research at MSU Archives & Historical Collections
18	"Charlie" 21 year old Gelding	Susan Fox	Large Animal Clinical Sciences	\$5,000.00	Research

CONSIGNMENT/NON-CASH GIFTS
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19	“Rosey” 26 year old American Paint Horse	Susan Fox	Large Animal Clinical Sciences	\$5,000.00	Research
20	Pages in folio, banners, graphics & ads	John Stone	Libraries	\$5,000.00	Turfgrass Information Center Collection
21-110	Various	Various	Various	\$97,376.13	90 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	\$2,031,423.70	