

MICHIGAN STATE
UNIVERSITY

November 30, 2010

MEMORANDUM

TO: Members of the Board of Trustees

FROM: J. Ian Gray, 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 September 3, 2010 through November 30, 2010. The report is a compilation of 498 Gifts, Grants and Contracts, 68 Consignment/Non-Cash Gifts, with a total value of \$111,134,790.

FY 2010-11 TOTALS:

a) Gifts & Grants only:	\$243,159,269
b) Gifts, Grants, & Consignments:	\$247,976,229

(Consignments are Non-Cash Gifts and Non-Cash Loans)



OFFICE OF THE
**VICE PRESIDENT
FOR RESEARCH
AND GRADUATE
STUDIES**

**J. Ian Gray
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.

JIG/sb

Current Period / Year to Date

Gift & Grant Awards

Meeting Date: 12/10/2010

AWARD TOTALS

RESEARCH			
	9/03/10 - 11/30/10	10-11 YTD	% of Total
Gift/Grant Source	Acceptance Total	Acceptance Total	YTD
Federal	65,767,071	128,672,362	86.6%
State of Michigan	939,415	1,929,699	1.3%
Other	3,083,780	6,903,920	4.6%
Industry	1,808,700	2,930,269	2.0%
Foundation	1,152,294	7,274,017	4.9%
Association	621,941	834,087	0.6%
TOTAL	73,373,201	148,544,354	100.0%

NON-RESEARCH			
	9/03/10 - 11/30/10	10-11 YTD	% of Total
Gift/Grant Source	Acceptance Total	Acceptance Total	YTD
Federal	20,735,286	41,736,624	44.1%
State of Michigan	0 *	526,783	0.6%
Other	11,270,197	43,334,330	45.8%
Industry	399,788	606,914	0.6%
Foundation	665,182	2,269,151	2.4%
Association	4,598,745	6,141,113	6.5%
TOTAL	37,669,198	94,614,915	100.0%

TOTAL			
	9/03/10 - 11/30/10	10-11 YTD	% of Total
Gift/Grant Source	Acceptance Total	Acceptance Total	YTD
Federal	86,502,357	170,408,986	70.1%
State of Michigan	939,415	2,456,482	1.0%
Other	14,353,977	50,238,250	20.7%
Industry	2,208,488	3,537,183	1.5%
Foundation	1,817,476	9,543,168	3.9%
Association	5,220,686	6,975,200	2.9%
TOTAL	111,042,399	243,159,269	100.0%

* Reflected in Federal Funding Source

Data Source: Office of Contracts and Grants Proposal Tracking Database

Report Source: Office of the Vice President for Research and Graduate Studies

OF AWARDS

RESEARCH			
	9/03/10 - 11/30/10	10-11 YTD	% of Total
Gift/Grant Source	Acceptance Total	Acceptance Total	YTD
Federal	246	505	60.6%
State of Michigan	20	36	4.3%
Other	52	131	15.7%
Industry	40	88	10.6%
Foundation	15	35	4.2%
Association	11	38	4.6%
TOTAL	384	833	100.0%

NON-RESEARCH			
	9/03/10 - 11/30/10	10-11 YTD	% of Total
Gift/Grant Source	Acceptance Total	Acceptance Total	YTD
Federal	69	134	51.1%
State of Michigan	4	16	6.1%
Other	21	59	22.5%
Industry	8	27	10.3%
Foundation	10	18	6.9%
Association	2	8	3.1%
TOTAL	114	262	100.0%

TOTAL			
	9/03/10 - 11/30/10	10-11 YTD	% of Total
Gift/Grant Source	Acceptance Total	Acceptance Total	YTD
Federal	315	639	58.4%
State of Michigan	24	52	4.7%
Other	73	190	17.4%
Industry	48	115	10.5%
Foundation	25	53	4.8%
Association	13	46	4.2%
TOTAL	498	1,095	100.0%

Comparison of Prior Year YTD totals to Current Year YTD totals

Gift & Grant Awards

Meeting date: 12/10/2010

AWARD TOTALS

RESEARCH			
	09-10 YTD Total	10-11 YTD Total	
Gift/Grant Source	6/6/09-11/24/09	6/2/10-11/30/10	% Change
Federal	127,652,931	128,672,362	0.8%
State of Michigan	3,244,093	1,929,699	-40.5%
Other	5,735,666	6,903,920	20.4%
Industry	5,501,068	2,930,269	-46.7%
Foundation	20,497,311	7,274,017	-64.5%
Association	3,090,566	834,087	-73.0%
TOTAL	165,721,635	148,544,354	-10.4%

NON-RESEARCH			
	09-10 YTD Total	10-11 YTD Total	
Gift/Grant Source	6/6/09-11/24/09	6/2/10-11/30/10	% Change
Federal	19,689,382	41,736,624	112.0%
State of Michigan	3,941,492	526,783	-86.6%
Other	41,008,312	43,334,330	5.7%
Industry	1,609,509	606,914	-62.3%
Foundation	1,947,355	2,269,151	16.5%
Association	120,251	6,141,113	5006.9%
TOTAL	68,316,301	94,614,915	38.5%

TOTAL			
	09-10 YTD Total	10-11 YTD Total	
Gift/Grant Source	6/6/09-11/24/09	6/2/10-11/30/10	% Change
Federal	147,342,313	170,408,986	15.7%
State of Michigan	7,185,585	2,456,482	-65.8%
Other	46,743,978	50,238,250	7.5%
Industry	7,110,577	3,537,183	-50.3%
Foundation	22,444,666	9,543,168	-57.5%
Association	3,210,817	6,975,200	117.2%
TOTAL	234,037,936	243,159,269	3.9%

OF AWARDS

RESEARCH			
	09-10 YTD Total	10-11 YTD Total	
Gift/Grant Source	6/6/09-11/24/09	6/2/10-11/30/10	% Change
Federal	541	505	-6.7%
State of Michigan	33	36	9.1%
Other	114	131	14.9%
Industry	314	88	-72.0%
Foundation	57	35	-38.6%
Association	98	38	-61.2%
TOTAL	1,157	833	-28.0%

NON-RESEARCH			
	09-10 YTD Total	10-11 YTD Total	
Gift/Grant Source	6/6/09-11/24/09	6/2/10-11/30/10	% Change
Federal	105	134	27.6%
State of Michigan	25	16	-36.0%
Other	113	59	-47.8%
Industry	77	27	-64.9%
Foundation	18	18	0.0%
Association	9	8	-11.1%
TOTAL	347	262	-24.5%

TOTAL			
	09-10 YTD Total	10-11 YTD Total	
Gift/Grant Source	6/6/09-11/24/09	6/2/10-11/30/10	% Change
Federal	646	639	-1.1%
State of Michigan	58	52	-10.3%
Other	227	190	-16.3%
Industry	391	115	-70.6%
Foundation	75	53	-29.3%
Association	107	46	-57.0%
TOTAL	1,504	1,095	-27.2%

Data Source: Office of Contracts and Grants Proposal Tracking Database
 Report Source: Office of the Vice President for Research and Graduate Studies

Top 10 Awards for the December 10, 2010 BOT Meeting

Rank	Funding Type	Award Amount	First PI	Grantor	Dept	Func Tp	tion	Project Dates	TITLE
1	Fed	10,750,000	GELBKE, C KONRAD	NATL SCIENCE FOUNDATION	NATL CYCLOTRON LAB	R	Res	10/01/06 09/30/11	OPERATION OF THE NSCI AT MSU AS A NATIONAL USER FACILITY AND SUPPORT FOR ITS RESEARCH PROGRAM
2	Fed	5,215,507	Demaagd, Kurt	COMMERCE US DEPT OF	TELECOM INF STD MD	N	PS	09/30/10 09/29/13	Broadband Adoption through Education and E-Entrepreneurship in Michigan's Urban Cores
3	Assoc	4,596,245	Markle, Barbara	MICH ASSOC OF SCHOOL ADMINISTRATORS	EDUCATION DEAN	N	PS	10/01/10 09/30/11	Building Capacity for Instructional Leadership
4	Fed	3,386,907	Widders, Irvin	AGENCY FOR INTERNATL DEVELOPMENT	HORTICULTURE MAES	N	PS	10/01/10 09/30/13	BEAN TECHNOLOGY DISSEMINATION IN GUATEMALA, HONDURAS, NICARAGUA AND HAITI
5	Fed	3,000,000	WIDDERS, IRVIN E.	AGENCY FOR INTERNATL DEVELOPMENT	INTNL AGRI INST	N	Res	09/30/07 09/29/12	DRY GRAIN PULSES CRSP
6	Fed	2,500,000	Goodman, Erik	NATL SCIENCE FOUNDATION	ELEC COMP ENGR	N	Res	08/01/10 07/31/15	BEACON: An NSF Center for the Study of Evolution in Action
7	Fed	2,486,448	Patterson, Eann	ARMY US DEPT OF	MECHANICAL ENGR	C	Res	06/19/08 03/31/13	Advanced Composite Materials Research for Air and Ground Vehicles, Jun2010-Dec2012
8	Fed	1,684,564	Markle, Barbara	EDUCATION U.S. DEPT OF	EDUCATION DEAN	N	Ins	10/01/10 09/30/11	Coaching 101 Proposal
9	Fed	1,425,600	Wehrwein, Teresa	HEALTH RESOURCES & SERVICES ADMIN -PHS	COLLEGE OF NURSING	N	Ins	09/30/10 09/29/15	Advanced Nursing Education Expansion
10	Fed	1,393,660	Iezzoni, Amy	USDA - AGRICULTURE U.S. DEPT. OF - ES	HORTICULTURE MAES	N	Res	09/01/09 08/31/11	RosBREED: Enabling marker assisted breeding in Rosaceae

36,438,931

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GIFT, GRANT AND CONTRACT REPORT

BOARD OF TRUSTEES

DECEMBER 2010

<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
COLLEGE OF AGRICULTURE & NATURAL RESOURCES					
1	\$375,000.00	AGENCY FOR INTERNATL DEVELOPMENT	BERNSTEN, RICHARD H	AGRIC ECONOMICS	EXPANDING BEAN SUPPLY AND DEMAND: IDENTIFYING CONSTRAINTS AND NEW STRATEGIES
2	\$500,000.00	AGENCY FOR INTERNATL DEVELOPMENT	Staatz, John	AGRIC ECONOMICS	FOOD SECURITY III
3	\$50,438.00	NATL SCIENCE FOUNDATION	Thompson, Paul	AGRIC ECONOMICS	ANTICIPATORY WORKSHOP ON NANO-BIOSENSORS IN THE AGRIFOOD SECTOR
4	\$326,705.00	ENTRIX INC	Zwiernik, Matthew	ANIMAL SCIENCE	EFFECTS OF SELENIUM ON AVIAN SPECIES
5	\$26,829.00	ENTRIX INC	Zwiernik, Matthew	ANIMAL SCIENCE	EFFECTS OF SELENIUM ON AVIAN SPECIES
6	\$7,000.00	GEORGIA PACIFIC CORPORATION	Zwiernik, Matthew	ANIMAL SCIENCE	WILDLIFE TOXICOLOGY
7	\$202,628.00	ENVIRONMENTAL PROTECTION AGENCY	Nejadhashemi, Amirpo	BIOSYSTEMS AG EGR	DEVELOPING TMDL IMPLEMENTATION PLAN FOR COON CREEK MICHIGAN
8	\$75,000.00	MICHIGAN DEPARTMENT OF AGRICULTURE	Reinhold, Dawn	BIOSYSTEMS AG EGR	DEVELOPMENT OF POPLAR PLANTATIONS FOR FOOD PROCESSING WASTEWATERS
9	\$237,612.00	THE COCA-COLA COMPANY	Saffron, Christopher	BIOSYSTEMS AG EGR	GREEN SYNTHESIS OF BTX AS INTERMEDIATES FOR PET PRODUCTION
10	\$26,713.00	NEBRASKA LINCOLN UNIVERSITY OF	Marinez, Juan	CANR PUB SERV ACT	ANNIE'S PROJECT - SOUTHWEST MICHIGAN HISPANIC WOMEN
11	\$65,000.00	MI ENVIRONMENTAL QUALITY	Bartholic, Jon	CARRS	SOCIAL INDICATORS - SIDMA UPGRADES
12	\$49,999.95	ARMY US CORPS OF ENGINEERS	Bartholic, Jon	CARRS	SEDIMENT MODELING FOR THE MANITOWOC AND TWO RIVERS WATERSHEDS-WISCONSIN
13	\$84,742.00	RUTH MOTT FOUNDATION	Matts, Colleen	CARRS	GROWING HEALTHY TOGETHER: ENHANCING THE LOCAL FOOD SYSTEM OF FLINT/GENESEE COUNTY WITH FARM TO SCHOOL INITIATIVES AND YOUTH FARM STAND PROJECTS
14	\$44,439.00	OAKLAND COUNTY	McCole, Daniel	CARRS	OAKLAND COUNTY UNIVERSITY PROJECT PARTNER FOR PARKS INITIATIVES

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15	\$13,000.00	BEEET SUGAR DEVELOPMENT FOUND	MCGRATH,J MITCHELL	CROP & SOIL SCI	SUGARBEET RESEARCH
16	\$15,000.00	NORTH CENTRAL SOYBEAN RESEARCH PROGRAM	BIRD,GEORGE W	ENTOMOLOGY	THE SUDDEN DEATH SYNDROME RESEARCH ALLIANCE
17	\$16,000.00	MONSANTO COMPANY	Difonzo, Christina	ENTOMOLOGY	WESTERN BEAN CUTWORM IN SMARTSTAX CORN
18	\$10,500.00	SYNGENTA CROP PROTECTION INC	Difonzo, Christina	ENTOMOLOGY	FIELD CROPS SUPPORT
19	\$10,000.00	DOW AGROSCIENCES	Difonzo, Christina	ENTOMOLOGY	DOW AGROSCIENCE
20	\$75,677.00	AMERICAN FARMLAND TRUST	Epstein, David	ENTOMOLOGY	DEVELOPMENT AND DELIVERY OF EFFECTIVE AND ECONOMIC ALTERNATIVES TO AZINPHOS METHYL FOR CONTROL OF KEY PESTS OF CHERRY
21	\$75,000.00	MICHIGAN DEPARTMENT OF AGRICULTURE	Epstein, David	ENTOMOLOGY	INNOVATIVE FRUIT PLANTINGS: KEEPING MICHIGAN FRUIT PRODUCERS COMPETITIVE BY ESTABLISHING RESEARCH PLOTS
22	\$19,850.00	MICH CHERRY COMMITTEE	Epstein, David	ENTOMOLOGY	TREE FRUIT IPM INTEGRATOR POSITION
23	\$9,803.00	THE CERES TRUST	Grieshop, Matthew	ENTOMOLOGY	SOIL INVERTEBRATE BIODIVERSITY UNDER CONTRASTING ORCHARD MANAGEMENT REGIMENS IN MICHIGAN
24	\$9,789.00	THE CERES TRUST	Grieshop, Matthew	ENTOMOLOGY	POTENTIAL OF ORGANIC HOGS AS A TOOL FOR POST-HARVEST ORCHARD FLOOR SANITATION AND PEST MANAGEMENT
25	\$17,250.00	RUTGERS, THE STATE UNIVERSITY	HOLLINGWORTH,ROBERT	ENTOMOLOGY	FRUITING VEGETABLE CROP GROUP 8-09 VALIDATION
26	\$14,850.00	FOUNDATION FOR THE PRESERVATION OF HONEY BEES	Huang, Zachary	ENTOMOLOGY	EXPLORING USING RNAI AS A METHOD FOR CONTROLLING VARROA DESTRUCTOR
27	\$46,050.00	US DEPT AGRICULTURE	Isaacs, Rufus	ENTOMOLOGY	CONSERVING NATIVE BEES AND VALUING THEIR SERVICES FOR SUSTAINABLE SPECIALTY CROP POLLINATION
28	\$122,946.00	OHIO STATE UNIVERSITY	Landis, Douglas	ENTOMOLOGY	COMMON BUCKTHORN (RHAMNUS CATHARTICA) AS A KEYSTONE INVADER IN AGRICULTURAL LANDSCAPES
29	\$82,330.00	USDA - FOREIGN AG SER	Maredia, Karimbhai	ENTOMOLOGY	FOOD SAFETY TRAINING SHORT COURSE FROM JULY 31-AUGUST 13, 2010. PARTICIPANTS FROM MAURITIUS, NAMIBIA, RWANDA, SOUTH AFRICA, TANZANIA, MOROCCO, TUNISIA, OMAN.

GIFT, GRANT AND CONTRACT REPORT

BOARD OF TRUSTEES

DECEMBER 2010

<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
30	\$77,031.00	USDA - FOREIGN AG SER	Maredia, Karimbhai	ENTOMOLOGY	BORLAUG FELLOWSHIP PROGRAM SEPTEMBER 1, 2010-AUGUST 31, 2011. PARTICIPANTS FROM KENYA, MOZAMBIQUE AND SOUTH AFRICA
31	\$62,512.00	USDA - FOREIGN AG SER	Maredia, Karimbhai	ENTOMOLOGY	IRAQI SCIENTIFIC EXCHANGE FOR RUMINANT NUTRITION
32	\$54,525.00	USDA - FOREIGN AG SER	Maredia, Karimbhai	ENTOMOLOGY	MSU BIOTECHNOLOGY SHORT COURSE SEPTEMBER 18-OCTOBER 2, 2010. PARTICIPANTS FROM ZAMBIA, UGANDA, AND OMAN.
33	\$45,492.11	USDA - FOREIGN AG SER	Maredia, Karimbhai	ENTOMOLOGY	MSU BIOTECHNOLOGY SHORT COURSE SEPTEMBER 18-OCTOBER 2, 2010. PARTICIPANTS FROM COLOMBIA, ECUADOR, HONDURAS.
34	\$31,581.00	USDA - FOREIGN AG SER	Maredia, Karimbhai	ENTOMOLOGY	BIOSAFETY SHORT COURSE FROM JULY 24-AUGUST 7, 2010. PARTICIPANTS FROM GHANA, SOUTH AFRICA, TANZANIA, AND KENYA.
35	\$31,475.40	USDA - FOREIGN AG SER	Maredia, Karimbhai	ENTOMOLOGY	MSU FOOD SAFETY COURSE FROM JULY 31-AUGUST 13, 2010. PARTICIPANTS FROM GHANA AND KENYA.
36	\$29,253.40	USDA - FOREIGN AG SER	Maredia, Karimbhai	ENTOMOLOGY	MSU FOOD SAFETY SHORT COURSE FROM JULY 31-AUGUST 7, 2010 PARTICIPANTS FROM COSTA RICA, INDONESIA, JAMAICA, AND PANAMA.
37	\$22,858.00	USDA - FOREIGN AG SER	Maredia, Karimbhai	ENTOMOLOGY	MSU BIOFUELS SHORT COURSE AUGUST 21-SEPTEMBER 2, 2010. PARTICIPANTS FROM CHILE AND COLUMBIA.
38	\$17,875.00	USDA - FOREIGN AG SER	Maredia, Karimbhai	ENTOMOLOGY	BIOSAFETY SHORT COURSE FROM JULY 24-31, 2010. PARTICIPANTS FROM BELIZE, COLOMBIA, GUATEMALA.
39	\$5,714.50	USDA - FOREIGN AG SER	Maredia, Karimbhai	ENTOMOLOGY	MSU BIOFUELS SHORT COURSE AUGUST 21-SEPTEMBER 2, 2010. PARTICIPANTS FROM KENYA AND UGANDA.
40	\$18,600.00	USDA - FOREST SERVICE	McCullough, Deborah	ENTOMOLOGY	EVALUATION OF DIFFERENT TRAP DESIGNS AND LURES TO DEVELOP A BROAD-RANGE SURVEY TOOL FOR DETECTING EXOTIC WOODBORERS AT PORTS-OF-ENTRY
41	\$8,800.00	BAYER CROPSCIENCE	Smitley, David	ENTOMOLOGY	PROTECTING TREES FROM EMERALD ASH BORER
42	\$35,000.00	WASHINGTON STATE UNIVERSITY	Szendrei, Zsofia	ENTOMOLOGY	DEVELOPMENT AND DELIVERY OF A SUSTAINABLE ASPARAGUS MINER MANAGEMENT PROGRAM IN MICHIGAN
43	\$379,331.00	NATL INST OF HEALTH - NIH/PHS	Thiem, Suzanne	ENTOMOLOGY	BACULOVIRUS EXPRESSION VECTORS MODIFIED FOR ENHANCED MEMBRANE PROTEIN PRODUCTION

GIFT, GRANT AND CONTRACT REPORT

BOARD OF TRUSTEES

DECEMBER 2010

<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
44	\$249,939.00	ENVIRONMENTAL PROTECTION AGENCY	Whalon, Mark	ENTOMOLOGY	EFFECTIVE SOIL-BASED BIOPESTICIDE AND NUTRIENT DELIVERY IN ORCHARD ECOSYSTEMS
45	\$19,591.00	CORN MARKETING PROGRAM OF MICHIGAN	Whalon, Mark	ENTOMOLOGY	VALIDATION OF CORN ECOLOGICAL MEASURES: COMPARISON BETWEEN GMO VARIETIES, WESTERN BEAN CUTWORM SPRAYED AND UNPLANTED HEADLANDS
46	\$19,500.00	RUTGERS, THE STATE UNIVERSITY	Whalon, Mark	ENTOMOLOGY	EVALUATION OF A FUNGAL BIOPESTICIDE USING A NEW AND NOVEL APPLICATION METHOD IN COMMERCIAL TART CHERRY AND APPLE PRODUCTION
47	\$424,919.00	ENVIRONMENTAL PROTECTION AGENCY	Gangur, Venugopal	FD SC HUM NUTR ANR	PREDICTING FOOD PROTEIN ALLERGENICITY USING A MOUSE MODEL
48	\$13,803.00	SOUTH CAROLINA - UNIVERSITY OF	GANGUR, VENUGOPAL	FD SC HUM NUTR ANR	IMMUNE CONSTITUENTS AND FATTY ACIDS IN BREAST MILK AND ASSOCIATION WITH INFECTION AND ALLERGIES
49	\$191,192.00	NATL INST OF HEALTH - NIH/PHS	Hoerr, Sharon	FD SC HUM NUTR ANR	IMPROVING FEEDING PRACTICES FOR CHILD DIET AND WEIGHT IN LOW INCOME FAMILIES
50	\$5,387.00	MICHIGAN FITNESS FOUNDATION	Hoerr, Sharon	FD SC HUM NUTR ANR	IMPROVE NUTRITION ASSESSMENT AND NUTRITION IN LOW INCOME FAMILIES
51	\$400,034.00	US GEOLOGICAL SURVEY	Infante, Dana	FISHERIES & WILDLF	MANAGING THE NATIONS FISH HABITAT AT MULTIPLE SPATIAL SCALES IN A RAPIDLY CHANGING CLIMATE
52	\$161,000.00	US GEOLOGICAL SURVEY	Infante, Dana	FISHERIES & WILDLF	AQUATIC GAP ANALYSIS PROGRAM: DEVELOPING LANDSCAPE-SCALE UNDERSTANDING, APPROACHES, AND DATA FOR MANAGING AND CONSERVING AQUATIC BIODIVERSITY
53	\$138,578.00	US FISH & WILDLIFE SERVICE	Infante, Dana	FISHERIES & WILDLF	FISH AND WILDLIFE MANAGEMENT ASSISTANCE, AN INITIAL NATIONAL ASSESSMENT OF THE STATUS OF FISH HABITATS
54	\$14,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Kramer, Daniel	FISHERIES & WILDLF	ASSESSING EFFECTS OF SOCIAL CAPITAL AMONG MICHIGAN DEER MANAGEMENT COOPERATIVES
55	\$300,000.00	GREAT LAKES FISHERY COMMISSION	Li, Weiming	FISHERIES & WILDLF	PURCHASE, HOUSING AND USE OF A LIQUID CHROMATOGRAPH-MASS SPECTROMETER
56	\$215,000.00	GREAT LAKES FISHERY COMMISSION	Li, Weiming	FISHERIES & WILDLF	GILTNER HALL ALTERATIONS, SUITES 141,142, AND 144
57	\$172,827.00	NATL SCIENCE FOUNDATION	Liu, Jianguo	FISHERIES & WILDLF	COUPLED HUMAN AND NATURAL SYSTEMS RESEARCH NETWORK (CHANS-NET)

GIFT, GRANT AND CONTRACT REPORT

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<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
58	\$30,000.00	NASA GRADUATE ST. FELLOWSHIP EARTH SCI.	Liu, Jianguo	FISHERIES & WILDLF	SPATIO-TEMPORAL DYNAMICS OF UNDERSTORY VEGETATION UNDER DIFFERENT CLIMATE CHANGE SCENARIOS: IMPLICATIONS FOR WILDLIFE CONSERVATION
59	\$30,000.00	NASA GRADUATE ST. FELLOWSHIP EARTH SCI.	Liu, Jianguo	FISHERIES & WILDLF	COUPLED HUMAN AND NATURAL SYSTEM APPROACH TO STUDYING TIGER-HUMAN INTERACTIONS IN CHITWAN NATIONAL PARK, NEPAL AND BEYON
60	\$498,434.00	ENVIRONMENTAL PROTECTION AGENCY	Murphy, Cheryl	FISHERIES & WILDLF	"SCALING THE SUB LETHAL EFFECTS OF MEHG TO POPULATION LEVEL EFFECTS IN GREAT LAKES PERCH: A MULTI-TIERED APPROACH USING AN ADVERSE OUTCOME PATHWAY FRAMEWORK
61	\$15,150.00	JACK H. BERRYMAN INSTITUTE	Roloff, Gary	FISHERIES & WILDLF	DEVELOPING AND IMPLEMENTING EFFECTIVE BLACK BEAR EXCLUSION DEVICES TO PROTECT APIARIES
62	\$15,000.00	JACK H. BERRYMAN INSTITUTE	Roloff, Gary	FISHERIES & WILDLF	DEVELOPING AND IMPLEMENTING EFFECTIVE BLACK BEAR EXCLUSION DEVICES TO PROTECT APIARIES
63	\$200,000.00	MICHIGAN UNIVERSITY OF	Rose, Joan	FISHERIES & WILDLF	IMPROVED UNDERSTANDING AND FORECASTING OF VIRAL AND BACTERIAL SOURCES AND TRANSPORT IN THE GREAT LAKES.
64	\$149,998.00	NATL SCIENCE FOUNDATION	Rose, Joan	FISHERIES & WILDLF	WSC CATEGORY 1: LEARNING FROM ADAPTABLE WATER SYSTEMS.
65	\$104,679.40	ACCESS BUSINESS GROUP	Rose, Joan	FISHERIES & WILDLF	EVALUATION OF A BIOFILTER IN REMOVAL OF BACTERIOPHAGES, BACTERIA, AND CRYPTOSPORIDIUM SPP.
66	\$65,001.00	ENVIRONMENTAL PROTECTION AGENCY	Rose, Joan	FISHERIES & WILDLF	FORECASTING BEACH AND NEAR SHORE HEALTH EFFECTS USING QMRA
67	\$14,000.00	GUELPH UNIVERSITY OF	Scribner, Kim	FISHERIES & WILDLF	GENOTYPE PROFILING OF MINK SAMPLES
68	\$26,500.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Taylor, William	FISHERIES & WILDLF	COMMUNICATION SERVICES MSU - MDNRE
69	\$5,900.00	SETON HALL UNIVERSITY	Wagner, Michael	FISHERIES & WILDLF	DEVELOPMENT OF A CONTROLLED-RELEASE POLYMER FOR DEPLOYMENT OF THE SEA LAMPREY PHEROMONE 3-KETO-PETROMYZONOL SULFATE
70	\$161,005.00	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Winterstein, Scott	FISHERIES & WILDLF	BOVINE TUBERCULOSIS MI/MN
71	\$35,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Winterstein, Scott	FISHERIES & WILDLF	DISTRIBUTION AND ABUNDANCE OF DIVING DUCKS ON LAKE ST. CLAIR, DETROIT RIVER, AND WESTERN LAKE ERIE

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<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
72	\$20,000.00	SOUTH DAKOTA STATE UNIVERSITY	Miller, Raymond	FORESTRY	WILLOW BIOMASS CROP FEEDSTOCK DEVELOPMENT PLAN FOR 2011 FOR THE NORTHEAST AND MIDWEST U.S.
73	\$55,000.00	USDA - AGRICULTURE U.S. DEPT. OF - ES	POTTER-WITTER KAREN L	FORESTRY	NATIONAL EXTENSION PROGRAM DEVELOPMENT AND PLANNING FOR FOREST-AND RANGELAND-BASED BIOENERGY EXTENSION PROGRAMS
74	\$78,000.00	BARD	Grumet, Rebecca	HORTICULTURE	WHOLE GENOME APPROACH FOR GENETIC ANALYSIS IN CUCUMBER: FRUIT SIZE AS A TEST CASE.
75	\$31,180.00	GEORGIA UNIVERSITY OF	JIANG, NING	HORTICULTURE	THE TRANSPOSABLE ELEMENTS OF MAIZE
76	\$6,600.00	USDA - FOREIGN AG SER	Clay, Daniel	INTNL AGRI INST	AG STATS FOR SENEGAL
77	\$3,000,000.00	AGENCY FOR INTERNATL DEVELOPMENT	WIDDERS, IRVIN E.	INTNL AGRI INST	DRY GRAIN PULSES CRSP
78	\$75,000.00	MICHIGAN ASSOCIATION OF REALTORS	Hailu, Yohannes	LAND POLICY INST	BUILDING NEW PLACES THAT CREATE PROSPERITY IN MICHIGAN
79	\$399,287.00	ENVIRONMENTAL PROTECTION AGENCY	Wyckoff, Mark	LAND POLICY INST	SAGINAW BAY/LAKE HURON LAND POLICY PROJECT
80	\$55,341.00	WASHINGTON STATE UNIVERSITY	Almenar Rosaleny, Ev	PACKAGING	A TOTAL SYSTEMS APPROACH TO SUSTAINABLE STEM-FREE SWEET CHERRY PRODUCTION, PROCESSING & MARKETING SYSTEM
81	\$11,245.00	FOX PACKAGING	Almenar Rosaleny, Ev	PACKAGING	STUDY OF THE QUALITY OF FRESH POTATOES AS AFFECTED BY PACKAGING
82	\$99,819.00	MI TRANSPORTATION	Korkmaz, Kasim	PLAN,DSGN,CNST-ANR	IMPLEMENTATION OF SUSTAINABLE AND GREEN DESIGN AND CONSTRUCTION PRACTICES FOR BRIDGES
83	\$10,000.00	ENVIRONMENTAL PROTECTION AGENCY	Westphal, Joanne	PLAN,DSGN,CNST-ANR	THE VALUE OF STEEP, GREEN ROOF TECHNOLOGY TO SUSTAINABLE COLD CLIMATE COMMUNITIES
84	\$62,312.00	USDA - AGRI RESEARCH SERV US DEPT AGR	Chilvers, Martin	PLANT PATHOLOGY	EXPRESSION, PROFILING OF THE PEA-SCLEROTINIA SCLEROTIUM INTERACTION FOR GENOMICS-ASSISTED BREEDING.
85	\$31,236.49	WASHINGTON STATE UNIVERSITY	Chilvers, Martin	PLANT PATHOLOGY	EXPRESSION, PROFILING OF THE PEA-SCLEROTINIA SCLEROTIUM INTERACTION FOR GENOMICS-ASSISTED BREEDING.

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86	\$215,731.00	NATL SCIENCE FOUNDATION	Day, Robert	PLANT PATHOLOGY	COLLABORATIVE RESEARCH: ARABIDOPSIS 2010: DISSECTING CORTICAL ACTIN FUNCTION DURING ARABIDOPSIS-PSEUDOMONAS INTERACTIONS
87	\$965,962.00	US DEPT AGRICULTURE	Hammerschmidt, R	PLANT PATHOLOGY	NORTH CENTRAL PLANT DIAGNOSTIC NETWORK
88	\$12,000.00	VALENT	Kirk, William	PLANT PATHOLOGY	MANAGEMENT OF SOIL, SEED AND FOLIAR DISEASES OF POTATO AND VEGETABLE CROPS IN MICHIGAN.
89	\$12,000.00	USDA - AGRI RESEARCH SERV US DEPT AGR	Kirk, William	PLANT PATHOLOGY	IDENTIFYING AND CHARACTERIZING RESISTANCE FROM DIVERSE POTATO GERMPLASM SOURCES TO HIGHLY AGGRESSIVE STRAINS OF LATE BLIGHT.
90	\$11,200.00	SIPCAM AGRO USA INC	Vargas, Joseph	PLANT PATHOLOGY	MANAGEMENT OF TURFGRASS DISEASES.
COLLEGE OF ARTS AND LETTERS					
91	\$45,245.00	CENTER FOR APPLIED LINGUISTICS	Gass, Susan	ARTS & LETTER DEAN	MULTIMEDIA RATER TRAINING PROGRAM FOR MODERN STANDARD ARABIC
92	\$38,150.00	SPENCER FOUNDATION	Whyte, Kyle	PHILOSOPHY	TOWARD A NORMATIVE FRAMEWORK FOR ENVIRONMENTAL EDUCATION
93	\$686,422.00	INSTITUTE OF MUSEUM AND LIBRARY SERVICES	Grabill, Jeffrey	WRITNG RHET & CULT	FACILITATING LEARNING IN DIGITAL MUSEUM ENVIRONMENTS
94	\$11,500.00	INGHAM COUNTY HEALTH DEPARTMENT	Grabill, Jeffrey	WRITNG RHET & CULT	SUPPORTING THE COMMUNICATION NEEDS OF COMPASSION CAPITAL FUND ORGANIZATIONS
ARTS & HUMANITIES, RESIDENTIAL COLLEGE IN					
95	\$20,500.00	CORP FOR NATL AND COMMUNITY SERVICE	Esquith, Stephen	RCAH DEAN	PAY IT FORWARD
ELI BROAD COLLEGE OF BUSINESS					
96	\$345,878.00	NATL SCIENCE FOUNDATION	Pentland, Brian	ACCT & INF SYSTEMS	PATH DEPENDENCE IN REPETITIVE PATTERNS OF ACTION
97	\$460,000.00	AIR FORCE US DEPT OF	Hollenbeck, John	BROAD COL BUS DEAN	LEADERSHIP EDUCATION AND RESEARCH PARTNERSHIP

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98	\$200,000.00	NEW ECONOMY INITIATIVE FOR SOUTHEAST MICHIGAN	Closs, David	SUPPLY CHAIN MGT	ECONOMIC DEVELOPMENT STIMULATION FOR SOUTHEAST MICHIGAN, NORTHWEST OHIO, AND SOUTHWEST ONTARIO VIA EMERGING GLOBAL SUPPLY CHAIN SOLUTIONS
COLLEGE OF COMMUNICATION ARTS AND SCIENCES					
99	\$369,655.00	NATL INST OF HEALTH - NIH/PHS	Chang, Soo-Eun	COMM SCI & DISORDR	SEXUAL DIMORPHISM OF NEURAL DEVELOPMENT UNDERLYING CHILDHOOD STUTTERING
100	\$107,908.00	INDIANA UNIV	Dilley, Laura	COMM SCI & DISORDR	DEVELOPMENT OF ATTENTION TO MATERNAL SPEECH IN INFANTS WITH HEARING LOSS
101	\$27,290.00	OREGON UNIVERSITY OF	Dilley, Laura	COMM SCI & DISORDR	ACQUISITION OF TEMPORAL PATTERNS IN CHILD SPEECH AND LANGUAGE
102	\$172,578.00	HEALTH RESOURCES & SERVICES ADMIN -PHS	Smith, Sandi	COMMUNICATION	UNIVERSITY DONOR DRIVE: INCREASING DONOR REGISTRATION THROUGH SYNCHRONIZED SOCIAL IDENTITY AND SOCIAL NETWORKING
103	\$49,089.00	RUTH MOTT FOUNDATION	Zeldes, Geraldine	JOURNALISM	THE GREENING OF FLINT
104	\$5,215,507.00	COMMERCE US DEPT OF	Demaagd, Kurt	TELECOM INF STD MD	BROADBAND ADOPTION THROUGH EDUCATION AND E-ENTREPRENEURSHIP IN MICHIGAN'S URBAN CORES
105	\$165,298.00	NATL SCIENCE FOUNDATION	Ellison, Nicole	TELECOM INF STD MD	HCC: SMALL: THE ROLE OF SOCIAL NETWORK SITES IN FACILITATING COLLABORATIVE PROCESSES
COLLEGE OF EDUCATION					
106	\$122,716.00	STATE UNIV OF NEW YORK-BUFFALO	Duke, Nell	CNS, ED PSY,SPC ED	EARLY CHILDHOOD EDUCATION IN THE CONTEXT OF MATHEMATICS, SCIENCE, AND LITERACY
107	\$180,931.00	NATL SCIENCE FOUNDATION	Floden, Robert	CNS, ED PSY,SPC ED	COLLABORATIVE RESEARCH: COGNITIVE PROCESSES - CLASSROOM PRACTICES THAT LEAD TO STUDENT PROFICIENCY WITH WORD PROBLEMS IN
108	\$58,915.00	VANDERBILT UNIVERSITY	Frank, Kenneth	CNS, ED PSY,SPC ED	DESIGNING LEARNING ORGANIZATIONS FOR INSTRUCTIONAL IMPROVEMENT IN MATHEMATICS
109	\$450,296.00	EDUCATION U.S. DEPT OF	MIX, KELLY	CNS, ED PSY,SPC ED	MAKING SENSE OF CONCRETE MODELS FOR MATHEMATICS
110	\$37,937.00	SALUS UNIVERSITY	Pagliaro, Claudia	CNS, ED PSY,SPC ED	NATIONAL LEADERSHIP CONSORTIUM IN SENSORY DISABILITIES FELLOWSHIP FOR MICHELLA MAIORANA

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111 \$55,000.00	NAED/SPENCER POSTDOCTORAL FELLOWSHIP	Chudgar, Amita	EDUC ADMIN	THE IMPACT OF CONTRACT-TEACHERS ON STUDENT LEARNING IN DEVELOPING COUNTRIES: A MULTI-LEVEL, MULTI-COUNTRY ANALYSIS
112 \$72,000.00	TRAVERSE CITY AREA PUBLIC SCHOOLS	PRINTY, SUSAN MARIE	EDUC ADMIN	MICHIGAN SMALLER LEARNING COMMUNITIES CONSORTIUM
113 \$4,596,244.76	MICH ASSOC OF SCHOOL ADMINISTRATORS	Markle, Barbara	EDUCATION DEAN	BUILDING CAPACITY FOR INSTRUCTIONAL LEADERSHIP
114 \$1,684,564.00	MICHIGAN DEPARTMENT OF EDUCATION	Markle, Barbara	EDUCATION DEAN	COACHING 101 PROPOSAL
115 \$98,222.00	MICHIGAN DEPARTMENT OF EDUCATION	Roeber, Edward	EDUCATION DEAN	MICHIGAN STATE UNIVERSITY RESEARCH PROPOSAL FOR FORMATIVE ASSESSMENT RESEARCH FOR MDE
116 \$40,000.00	KALAMAZOO REGIONAL EDUCATIONAL SERVICE AGENCY	Roeber, Edward	EDUCATION DEAN	K-RESA REGIONAL DATA INITIATIVE
117 \$178,992.00	NATL OPINION RESEARCH CENTER	SCHNEIDER, BARBARA L	EDUCATION DEAN	CENTER FOR ADVANCING RESEARCH AND COMMUNICATION IN SCIENCE; TECHNOLOGY; ENGINEERING; AND MATHEMATICS (ARC)
118 \$22,150.00	IOWA UNIV OF	COVASSIN, TRACEY	KINESIOLOGY	PERCEIVED SOCIAL SUPPORT AND ATHLETES RESILIENCE FOLLOWING ATHLETIC INJURY
119 \$6,000.00	SASKATCHEWAN UNIVERSITY OF	Eisenmann, Joey	KINESIOLOGY	THE RELATIONSHIPS OF ADOLESCENT PHYSICAL DEVELOPMENT, PHYSICAL FITNESS AND PHYSICAL ACTIVITY TO MARKERS OF METABOLIC SYNDROME AT 50 YEARS OF AGE
120 \$500,000.00	GENERAL ELECTRIC FOUNDATION	Schmidt, William	MTH & SCI ED RSCH	STUDYING US MATHEMATICS TEACHER PREPARATION: CONTINUING THE US-TEDS INITIATIVE
121 \$545,049.00	NATL SCIENCE FOUNDATION	SCHMIDT, WILLIAM H	MTH & SCI ED RSCH	RETA: DEVELOPMENT OF LONGITUDINAL MODELS LINKING STUDENT MATHMATIC ACHIEVEMENTS TO INSTRUCTION CONTENT
122 \$1,133,207.00	EDUCATION U.S. DEPT OF	Floden, Robert	TCH/LRN LIFE SPAN	LEARNING TO USE ECONOMIC METHODS TO ANSWER QUESTIONS ABOUT EDUCATION: AN INTERDISCIPLINARY TRAINING PROGRAM
123 \$747,481.00	NATL SCIENCE FOUNDATION	Anderson, Charles	TEACHER EDUCATION	CCE: A LEARNING PROGRESSION-BASED SYSTEM FOR PROMOTING UNDERSTANDING OF CARBON-TRANSFORMING PROCESSES
124 \$60,127.00	MONTANA UNIVERSITY OF - MISSOULA	Anderson, Charles	TEACHER EDUCATION	REASONING TOOLS FOR UNDERSTANDING WATER SYSTEMS

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125	\$107,837.00	NATL SCIENCE FOUNDATION	CRESPO, SANDRA M	TEACHER EDUCATION	CAREER: EXAMINING PROSPECTIVE TEACHERS LEARNING OF THREE MATHEMATICS TEACHING PRACTICES-POSING INTERPRETING; AND RESPON
126	\$101,495.00	FULTON COUNTY SCHOOL DISTRICT, GEORGIA	Stanulis, Randi	TEACHER EDUCATION	STARTING STRONG WITH LAUNCH INTO TEACHING: A MICHIGAN STATE UNIVERSITY/FULTON COUNTY SCHOOL DISTRICT PARTNERSHIP TO SUPPORT BEGINNING TEACHERS
127	\$75,332.00	PITTSBURGH UNIVERSITY OF	STEELE, MICHAEL D	TEACHER EDUCATION	CASES OF RESONING AND PROVING FOR SECONDARY MATHEMATICS
128	\$268,484.00	AMERICAN MUSEUM NATURAL HISTORY	Wilson, Suzanne	TEACHER EDUCATION	FORMAL-INFORMAL COLLABORATIONS TO INCREASE SCIENCE LITERACY, IMPROVE STUDENT LEARNING, AND PREPARE STUDENTS FOR THE WORK
COLLEGE OF ENGINEERING					
129	\$489,585.00	ENERGY US DEPT OF	Boehlert, Carl	CEM EGR & MAT SCI	SISGR: CHARACTERIZATION AND MODELING OF DEFORMATION INDUCED DAMAGE IN TITANIUM ALLOYS
130	\$40,000.00	CFD RESEARCH CORP	Calabrese Barton, Sc	CEM EGR & MAT SCI	ADVANCED MEDIATOR ARCHITECTURES FOR HIGH-RATE BIOELECTROCATALYSIS
131	\$357,377.00	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Dale, Bruce	CEM EGR & MAT SCI	DEVELOPMENT OF BIOBASED FUELS AND CHEMICALS FROM AGRICULTURAL RAW MATERIALS
132	\$30,000.00	AIR FORCE US DEPT OF	LEE, ANDRE Y	CEM EGR & MAT SCI	FUNDAMENTALS OF NANO-STRUCTURED HIGH PERFORMANCE POLYIMIDE MATRIX CARBON-FIBER REINFORCED COMPOSITES
133	\$59,226.00	ENERGY US DEPT OF	MILLER, DENNIS J	CEM EGR & MAT SCI	NOVEL BIOFUEL FORMULATIONS FOR ENHANCED VEHICLE PERFORMANCE
134	\$31,250.00	OHIO STATE UNIVERSITY	Morelli, Donald	CEM EGR & MAT SCI	CRYOGENIC PELTIER COOLING
135	\$29,500.00	NATL COLLEGIATE INVENTORS & INNOVATORS	Narayan, Ramani	CEM EGR & MAT SCI	PRACTICING ENTREPRENEURSHIP - CREATING VALUE FOR A TECHNOLOGY BASED INVENTION OR IDEA
136	\$51,182.00	STATE UNIV OF NEW YORK RESEARCH FDN	Ofoli, Robert	CEM EGR & MAT SCI	PHOTOSYNTHESIS ON A CHIP: MICRO SCALE ENERGY PRODUCTION
137	\$15,000.00	CHEVRON OIL CO	Petty, Charles	CEM EGR & MAT SCI	MEMBERSHIP FEE FOR I/UCRC
138	\$20,000.00	ARMY US DEPT OF	Sakamoto, Jeff	CEM EGR & MAT SCI	EVALUATING THE SINTERING BEHAVIOR OF CERAMIC OXIDE ELECTROLYTES FOR LITHIUM BATTERIES

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139	\$440,364.00	NATL INST OF HEALTH - NIH/PHS	Worden, Robert	CEM EGR & MAT SCI	BIOMIMETIC MICROSYSTEM FOR HIGH THROUGHPUT EVALUATION OF ENGINEERED NANOMATERIALS
140	\$48,756.00	NATL INST OF HEALTH - NIH/PHS	Worden, Robert	CEM EGR & MAT SCI	BIOMIMETIC MICROSYSTEM FOR HIGH THROUGHPUT EVALUATION OF ENGINEERED NANOMATERIALS
141	\$30,000.00	MI TRANSPORTATION	Buch, Neeraj	CIVIL & ENVIR ENG	PRCE ADMINISTRATION
142	\$50,000.00	FOUNDATION FOR PAVEMENT PRESERVATION	Galehouse, Larry	CIVIL & ENVIR ENG	SUPPORT FOR THE NATIONAL CENTER FOR PAVEMENT PRESERVATION
143	\$20,000.00	MI TRANSPORTATION	Harichandran, R	CIVIL & ENVIR ENG	BRIDGES AND STRUCTURES RESEARCH CENTER ADMINISTRATION
144	\$30,000.00	WASTE MANAGEMENT INC	Khire, Milind	CIVIL & ENVIR ENG	FIELD-SCALE EVALUATION OF EVAPOTRANSPIRATIVE EARTHEN CAPS FOR MICHIGAN
145	\$149,281.00	MI TRANSPORTATION	Lyles, Richard	CIVIL & ENVIR ENG	SAFETY ANALYSIS OF 4-LANE TO 3-LANE CONVERSIONS (ROAD DIETS) IN MICHIGAN
146	\$8,000.00	TECHNOVA CORPORATION	Soroushian, Parviz	CIVIL & ENVIR ENG	RESEARCH GIFT FOR RECYCLED GLASS CONCRETE
147	\$217,553.00	ENVIRONMENTAL PROTECTION AGENCY	Xagorarakis, Irene	CIVIL & ENVIR ENG	VIRUS QUANTIFICATION FOR POLLUTION SOURCE IDENTIFICATION
148	\$100,000.00	MISSISSIPPI UNIV OF	Drzal, Lawrence	COMP MATLS/STRUC	FABRICATE EXFOLIATED GRAPHENE NANO-PLATELET COMPOSITES FOR BALLISTIC IMPACT PROTECTION AND SELF HEALING OF THE NEXT GENERATION OF RAILCAR TANKS
149	\$50,000.00	FAURECIA INTERIOR SYSTEMS, INC.	Drzal, Lawrence	COMP MATLS/STRUC	BIOCOMPOSITES FOR AUTOMOTIVE APPLICATIONS
150	\$45,000.00	XG SCIENCES INC	Drzal, Lawrence	COMP MATLS/STRUC	CHEMICAL AND PHYSICAL MODIFICATION OF XGNP
151	\$25,000.00	BOEING COMPANY	Drzal, Lawrence	COMP MATLS/STRUC	INVESTIGATION INTO THE ENHANCEMENT OF POLYMERS WITH NANO MATERIALS
152	\$150,000.00	COGENT, INC.	Jain, Anil	COMP SCI & EGR	MULTI-MODAL FUSION ALGORITHMS
153	\$140,000.00	COMPUTING RESEARCH ASSOCIATION	Jain, Anil	COMP SCI & EGR	CIFELLOWS PROJECT: VISUAL CLUSTERING OF LARGE GENERALIZED HETEROGENEOUS DATA SETS

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154	\$139,991.00	GENERAL ELECTRIC CO	Jain, Anil	COMP SCI & EGR	ROLLED EQUIVALENCE ALGORITHM FOR A CONTACTLESS FINGERPRINT SYSTEM
155	\$25,000.00	NARUS, INC.	Tan, Pang-Ning	COMP SCI & EGR	UNRESTRICTED GIFT FOR RESEARCH IN THE DEVELOPMENT OF DATA MINING ALGORITHMS FOR TRAFFIC ANALYSIS AT MICHIGAN STATE UNIVERSITY
156	\$360,000.00	NATL SCIENCE FOUNDATION	Xing, Guoliang	COMP SCI & EGR	EXPLOITING MOBILITY-ASSISTED COLLABORATION FOR ADAPTIVE AQUATIC SENSOR NETWORKS
157	\$120,291.00	NATL SCIENCE FOUNDATION	Ayres, Virginia	ELEC COMP ENGR	COLLABORATIVE RESEARCH: NANOSCALE CUES FOR REGENERATIVE NEURAL CELL SYSTEMS
158	\$100,000.00	NATL SCIENCE FOUNDATION	Biswas, Subir	ELEC COMP ENGR	NETS: SMALL: PULSE SWITCHING: AN ULTRA-LIGHT MULTI-HOP NETWORK PARADIGM WITHOUT PACKET ABSTRACTION
159	\$67,985.00	AIR FORCE RESEARCH LABORATORY	Chahal, Prem	ELEC COMP ENGR	ADVANCED APERTURE RESEARCH, PART 2
160	\$32,015.00	AIR FORCE RESEARCH LABORATORY	Chahal, Prem	ELEC COMP ENGR	ADVANCED APERTURE RESEARCH
161	\$2,500,000.00	NATL SCIENCE FOUNDATION	Goodman, Erik	ELEC COMP ENGR	BEACON: AN NSF CENTER FOR THE STUDY OF EVOLUTION IN ACTION
162	\$20,300.00	NATL SCIENCE FOUNDATION	KEMPEL, LEO C	ELEC COMP ENGR	CAREER; ELECTROMAGNETIC INTERFERENCE ANALYSIS FOR MIXED SIGNAL CIRCUIT DESIGN
163	\$498,010.00	NATL INST OF HEALTH - NIH/PHS	Mason, Andrew	ELEC COMP ENGR	AUTONOMOUS ELECTROCHEMICAL GAS DETECTION MICROSYSTEM FOR MINE SAFETY
164	\$332,982.00	ARMY US DEPT OF	Mukkamala, Ramakrish	ELEC COMP ENGR	PHYSIOLOGIC WAVEFORM ANALYSIS FOR EARLY DETECTION OF HEMORRHAGE DURING TRANSPORT AND HIGHER ECHELON MEDICAL CARE OF COMBAT CASUALTIES
165	\$511,198.00	NATL INST OF HEALTH - NIH/PHS	OWEISS, KARIM G	ELEC COMP ENGR	A WIRELESS MULTISCALE DISTRIBUTED INTERFACE TO THE CORTEX
166	\$55,000.00	IMRA EUROPE	Peng, Fang	ELEC COMP ENGR	ACTIVE GATE DRIVE OF IGBTs AND MOSFETS TO REDUCE POWER LOSSES
167	\$50,000.00	DENSO CORPORATION, JAPAN	Peng, Fang	ELEC COMP ENGR	CURRENT-FED QUASI-Z-SOURCE INVERTER FOR HEVS AND PLUG-IN HEVS
168	\$270,000.00	ALFRED P. SLOAN FOUNDATION	Pierre, Percy	ELEC COMP ENGR	PROPOSAL TO CONTINUE THE SLOAN ENGINEERING PROGRAM

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169 \$100,000.00	NATL SCIENCE FOUNDATION	Tan, Xiaobo	ELEC COMP ENGR	RAPID: MONITORING OF GULF OIL SPILL WITH GLIDING ROBOTIC FISH
170 \$50,663.00	NAVAL RESEARCH US OFFICE OF USDN	TAN, XIAOBO	ELEC COMP ENGR	HIGHLY MANEUVERABLE ROBOTIC FISH BASED ON BIOLOGICAL PRINCIPLES AND BIOMIMETIC MATERIALS
171 \$41,000.00	NATL SCIENCE FOUNDATION	TAN, XIAOBO	ELEC COMP ENGR	CAREER: DEXTEROUS BIOMIMETIC MICROMANIPULATION USING ARTIFICIAL MUSCLES: MODELING; SENSING; AND CONTROL
172 \$15,000.00	AMER SOCIETY FOR NONDESTRUCTIVE TESTING	Udpa, Lalita	ELEC COMP ENGR	TIME REVERSAL MICROWAVE STUDIES FOR NDE OF COMPOSITE STRUCTURES
173 \$123,758.00	ABBOTT LABORATORIES	Bush, Tamara	MECHANICAL ENGR	PEN INJECTOR LITERATURE ASSESSMENT AND COMPARATIVE ANALYSIS
174 \$41,000.00	NATL SCIENCE FOUNDATION	Choi, Jongeun	MECHANICAL ENGR	CAREER: MULTI-AGENT SYSTEMS AND GAUSSIAN PROCESSES: APPLICATIONS IN ENVIRONMENTAL SCIENCES
175 \$30,063.00	RAMGEN POWER SYSTEMS, LLC	Engeda, Abraham	MECHANICAL ENGR	FEASIBILITY STUDY TO REALIZE THE INLET AND OPERATING FLOW CONDITIONS WITH HIGH MACH NUMBER AND SWIRL TO A VANED DIFFUSER DOWNSTREAM OF A CENTRIFUGAL IMPELLER
176 \$269,606.00	NATL SCIENCE FOUNDATION	Feeny, Brian	MECHANICAL ENGR	A POSITIVE EFFECT OF NEGATIVE STIFFNESS: WAVE BEHAVIOR AND ENERGY MANAGEMENT
177 \$37,938.00	VIRGINIA UNIV OF	Jaberi, Farhad	MECHANICAL ENGR	CENTER FOR HYPERSONIC COMBINED CYCLE FLOW PHYSICS
178 \$230,150.00	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Lee, Tonghun	MECHANICAL ENGR	OPTIMIZATION OF A SMALL-SCALE ENGINE USING PLASMA ENHANCED IGNITION
179 \$50,000.00	CF6 TECHNOLOGIES	Loos, Alfred	MECHANICAL ENGR	PRODUCTION OF PREPREG MATERIAL USING RECLAIMED CARBON FIBER
180 \$75,131.00	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Mukherjee, Ranjan	MECHANICAL ENGR	VIBRATION SUPPRESSION STRATEGIES FOR LARGE TENSION-ALIGNED ARRAY STRUCTURES
181 \$24,063.00	NAVAL RESEARCH US OFFICE OF USDN	Mukherjee, Ranjan	MECHANICAL ENGR	A BIOMIMETIC PROPULSION MECHANISM FOR AUTONOMOUS UNDERWATER VEHICLES EXPLOITING FLUTTER INSTABILITY
182 \$30,000.00	NATL AERONAUTICS AND SPACE ADM	Naguib, Ahmed	MECHANICAL ENGR	IMPROVED DESIGN AND EXTENDED CONTROLLABILITY OF A FEEDBACK-CONTROLLED OPTICAL MICROPHONE FOR AEORACOUSTIC RESEARCH
183 \$2,486,448.00	ARMY US DEPT OF	Patterson, Eann	MECHANICAL ENGR	ADVANCED COMPOSITE MATERIALS RESEARCH FOR AIR AND GROUND VEHICLES, JUN2010-DEC2012

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184	\$50,000.00	CHRYSLER CHALLENGE FUND	Shaw, Steven	MECHANICAL ENGR	VIBRATION ABSORBER TO EXPAND MDS OPERATING RANGE
185	\$16,584.00	MAHLE POWERTRAIN,LLC	Zhu, Guoming	MECHANICAL ENGR	OPTIMALLY CONTROLLED FLEXIBLE FUEL POWER TRAIN SYSTEMS
COLLEGE OF HUMAN MEDICINE					
186	\$245,302.20	NATL INST OF HEALTH - NIH/PHS	Collier, Timothy	CHM WEST MICHIGAN	AGING AND PARKINSON'S DISEASE: MODELS OF THERAPEUTICS AND NEUROLOGIC CO MORBIDITY
187	\$94,311.00	NATL INST OF HEALTH - NIH/PHS	Collier, Timothy	CHM WEST MICHIGAN	AN APPROACH TO DOPAMINE GRAFT AUGMENTATION
188	\$82,301.92	NATL INST OF HEALTH - NIH/PHS	Collier, Timothy	CHM WEST MICHIGAN	AGING AND PARKINSON'S DISEASE: MODELS OF THERAPEUTICS AND NEUROLOGIC CO MORBIDITY
189	\$80,000.00	ALZHEIMERS ASSOCIATION	Kanaan, Nicholas	CHM WEST MICHIGAN	TAU-MEDIATED AXONAL TRANSPORT DYSFUNCTION
190	\$34,939.00	JOHNS HOPKINS UNIVERSITY	ANTHONY, JAMES C	EPIDEMIOLOGY	RISKS FOR TRANSITIONS IN DRUG USE AMONG URBAN ADULTS
191	\$62,029.00	NATL INST OF HEALTH - NIH/PHS	Birbeck, Gretchen	EPIDEMIOLOGY	EPILEPSY ASSOCIATED STIGMA IN ZAMBIA: EVIDENCE-BASED INTERVENTIONS AND OUTCOMES
192	\$54,161.00	NATL INST OF HEALTH - NIH/PHS	Birbeck, Gretchen	EPIDEMIOLOGY	THE MALAWI-MSU MRI PROJECT: AN EPIDEMIOLOGIC STUDY OF CNS ABNORMALITIES
193	\$55,288.00	WASHINGTON UNIVERSITY IN ST LOUIS	BRESLAU, NAOMI	EPIDEMIOLOGY	THE COLLABORATIVE GENETIC STUDY OF NICOTINE DEPENDENCE - PROJECT NO 1
194	\$6,860.00	ILLINOIS URBANA CHAMPAIGN UNIV OF	Gardiner, Joseph	EPIDEMIOLOGY	NOVEL METHODS TO ASSESS EFFECTS OF BISPHENOL A & PHTHALATES ON CHILD DEVELOPMENT
195	\$849,493.00	NATL INST OF HEALTH - NIH/PHS	Holzman, Claudia	EPIDEMIOLOGY	PRETERM DELIVERY AND MATERNAL CARDIOVASCULAR DISEASE RISK
196	\$1,109,565.00	NATL INST OF HEALTH - NIH/PHS	Luo, Zhehui	EPIDEMIOLOGY	METHODOLOGY FOR INDIVIDUALIZED COMPARATIVE EFFECTIVENESS RESEARCH IN MENTAL HEALTH
197	\$199,000.00	CENTER FOR DISEASE CONTROL -PHS	OSUCH, JANET ROSE	EPIDEMIOLOGY	ORGANOCHLORINE AND GENE EXPRESSION OF SEX STEROIDS IN A MULTIGENERATIONAL COHORT
198	\$969,928.00	NATL INST OF HEALTH - NIH/PHS	Paneth, Nigel	EPIDEMIOLOGY	NEW PARADIGMS OF CEREBRAL PALSY ETIOLOGY: A COMPREHENSIVE CASE CONTROL STUDY

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<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
199	\$50,000.00	CARLS FOUNDATION	Paneth, Nigel	EPIDEMIOLOGY	PROFESSIONAL ASSISTANCE TO DEVELOP & EXECUTE A MEDIA CAMPAIGN FOR MANCS.
200	\$15,228.00	UNIVERSITY RESEARCH CORRIDOR	Paneth, Nigel	EPIDEMIOLOGY	THE 2ND MICHIGAN COLLABORATIVE RESEARCH SYMPOSIUM ON CEREBRAL PALSY: DEVELOPING COLLABORATIVE RESEARCH WITH CP COMMUNITY
201	\$16,791.02	VETERANS ADMINISTRATION	Reeves, Mathew	EPIDEMIOLOGY	STOKE CARE QUALITY WITHIN THE VETERANS HEALTH ADMINISTRATION SYSTEM
202	\$122,674.00	HEALTH RESOURCES & SERVICES ADMIN -PHS	BARRY, HENRY C	FAMILY MEDICINE	TEACHING INTRODUCTORY MEDICAL ERROR TO STUDENTS
203	\$29,864.32	U S DEPT OF VETERANS AFFAIRS	Given, Charles	FAMILY MEDICINE	WEB BASED SUPPORT FOR CAREGIVERS OF VETERANS UNDERGOING CHEMOTHERAPY
204	\$673,346.00	AGENCY FOR HEALTHCARE RSCH & QUAL -PHS	Holtrop, Jodi	FAMILY MEDICINE	A COMPARISON OF PROVIDER VERSUS HEALTH PLAN DELIVERED CARE MANAGEMENT IN MICHIGAN
205	\$1,212,578.00	AGENCY FOR HEALTHCARE RSCH & QUAL -PHS	Malouin, Rebecca	FAMILY MEDICINE	COMPARATIVE EFFECTIVENESS OF PRIMARY CARE PRACTICE TRANSFORMATION BY TWO INSURERS
206	\$17,820.00	SRA INTERNATIONAL, INC	Malouin, Rebecca	FAMILY MEDICINE	CHAP EVALUATION - (FIRST STEPS)
207	\$328,245.00	HEALTH RESOURCES & SERVICES ADMIN -PHS	WADLAND, WILLIAM C	FAMILY MEDICINE	ESTABLISHING AN ACADEMIC DIVISION OF GERIATRICS/GERONTOLOGY
208	\$177,838.72	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	Dmello, Dale	HUMAN MED DEAN	RECOVERY AFTER THE INITIAL SCHIZOPHRENIA EPISODE (RAISE)
209	\$152,799.00	MI DEPT COMMUNITY HEALTH	Holmes, Denise	HUMAN MED DEAN	MICHIGAN MEDICAID HIT RESOURCE CENTER
210	\$40,027.00	MI DEPT COMMUNITY HEALTH	Ilardo, Joan	HUMAN MED DEAN	ASSESSMENT OF PROGRAM FIDELITY OF MICHIGAN ON THE PATH
211	\$755,728.00	HEALTH CAREERS OPPORTUNITY PROG	LIPSCOMB, WANDA	HUMAN MED DEAN	CHM HEALTH CAREERS OPPORTUNITY PROGRAMS
212	\$54,968.00	CINCINNATI UNIV OF	Lipton, Jack	HUMAN MED DEAN	NEUROCHEMICAL SEQUELAE OF PRENATAL MDMA
213	\$37,853.09	NATL INST OF HEALTH - NIH/PHS	Sortwell, Caryl	HUMAN MED DEAN	PLEIOTROPHIN OVER EXPRESSION TO FACILITATE REPAIR AND GRAFT EFFICACY IN PARKINSONI

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214	\$150,000.00	HEALTH & HUMAN SERV US DEPT OF -PHS	ANDERSON, WILLIAM A	MED ED RES & DEV	MSU PRIMARY CARE FACULTY DEVELOPMENT FELLOWSHIP PROGRAM
215	\$150,000.00	HEALTH & HUMAN SERV US DEPT OF -PHS	ANDERSON, WILLIAM A	MED ED RES & DEV	MSU PRIMARY CARE FACULTY DEVELOPMENT FELLOWSHIP PROGRAM
216	\$6,750.00	NATL SURGICAL ADJ BRST & BWL PROJ FDN	CONLEY, BARBARA ANN	MEDICINE	T FED 090
217	\$6,000.00	NATL SURGICAL ADJ BRST & BWL PROJ FDN	CONLEY, BARBARA ANN	MEDICINE	T FED 090
218	\$10,000.00	BLUE CROSS BLUE SHIELD OF MICHIGAN FDTN.	Dwamena, Francesca	MEDICINE	ASSOCIATION BETWEEN STATINS AND TENDON RUPTURE. A COHORT ANALYSIS.
219	\$500,000.00	NATL INST OF HEALTH - NIH/PHS	Nettleman, Mary	MEDICINE	BUILDING INTERDISCIPLINARY RESEARCH CAREERS IN WOMEN'S HEALTH AT MICHIGAN STATE
220	\$48,709.00	HEMOPHILIA FOUNDATION OF MICHIGAN	PENNER, JOHN A	MEDICINE	MSU CENTER FOR BLEEDING AND CLOTTING DISORDERS / MCHB
221	\$937,669.00	ENVIRONMENTAL PROTECTION AGENCY	Rosenman, Kenneth	MEDICINE	HEALTH CARE PROVIDER ORGANIZATION OUTREACH
222	\$21,500.00	CENTER FOR DISEASE CONTROL -PHS	Rosenman, Kenneth	MEDICINE	ABLES
223	\$87,290.34	NATL INST CHILD HEALTH & HUMAN DEV -NIH/PHS	Fazleabas, Asgerally	OB GYN & REPR BIO	MODULATION OF THE RECEPTIVE ENDOMETRIUM BY CG
224	\$73,723.00	NATL INST CHILD HEALTH & HUMAN DEV -NIH/PHS	Fazleabas, Asgerally	OB GYN & REPR BIO	MODULATION OF THE RECEPTIVE ENDOMETRIUM BY CG
225	\$509,022.00	NATL INST OF HEALTH - NIH/PHS	Williams, Karen	OB GYN & REPR BIO	KINKEEPER: REDUCING DISPARITIES THROUGH CANCER LITERACY AND SCREENING
226	\$509,022.00	NATL INST OF HEALTH - NIH/PHS	Williams, Karen	OB GYN & REPR BIO	KIN KEEPER: REDUCING DISPARITIES THROUGH CANCER LITERACY AND SCREENING
227	\$11,436.76	NATL CHILDHOOD CANCER FOUNDATION	Gera, Renuka	PED AND HUM DEV	CHILDREN'S ONCOLOGY GROUP (COG)
228	\$298,801.00	NATL INST OF HEALTH - NIH/PHS	Uhal, Bruce	PHYSIOLOGY CHM	CONTROL OF TYPE II PNEUMOCYTE PROLIFERATION

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COLLEGE OF MUSIC					
229	\$50,000.00	ERB FAMILY FOUNDATION	Buckley, Rhonda	MUSIC	MSU COLLEGE OF MUSIC DETROIT JAZZ EDUCATION AND MENTORSHIP PROJECT- MSU JAZZ@CMS DETROIT
COLLEGE OF NATURAL SCIENCE					
230	\$380,000.00	ENERGY US DEPT OF	BENNING, CHRISTOPH	BIOCEM&MOLC BIO NS	REGULATION OF THYLAKOID LIPID BIOSYNTHESIS IN PLANTS
231	\$277,111.00	NATL INST OF HEALTH - NIH/PHS	Feig, Michael	BIOCEM&MOLC BIO NS	MULTISCALE MODELING OF SUPRAMOLECULAR PROTEIN-DNA ASSEMBLIES
232	\$250,503.00	NATL INST OF HEALTH - NIH/PHS	FEIG, MICHAEL	BIOCEM&MOLC BIO NS	PROTEIN STRUCTURE REFINEMENT THROUGH EFFECTIVE SAMPLING AND SCORING
233	\$86,198.00	VANDERBILT UNIVERSITY	GARAVITO, R MICHAEL	BIOCEM&MOLC BIO NS	FUNCTIONAL ANALYSIS OF CYCLOOXYGENASE -2
234	\$189,523.00	ALBANY MEDICAL COLLEGE	Yan, Honggao	BIOCEM&MOLC BIO NS	OTITIS MEDIA-ASSOCIATE PNEUMOCOCCAL GENES
235	\$14,446.00	NATL SCIENCE FOUNDATION	Yan, Honggao	BIOCEM&MOLC BIO NS	INTEGRATED EXPERIMENTAL AND COMPUTATIONAL STUDIES OF 1-DEOXY-D-XYLULOSE 5-PHOSPHATE REDUCTOISOMERASE
236	\$140,000.00	TOXSTRATEGIES, INC.	Zacharewski, Timothy	BIOCEM&MOLC BIO NS	CHROMIUM TESTING
237	\$125,000.00	NATL SCIENCE FOUNDATION	BLANCHARD, GARY J.	CHEMISTRY	ORGANIZATION; DYNAMICS AND TRANSLOCATION AT FLUID INTERFACES
238	\$75,000.00	NATL SCIENCE FOUNDATION	BLANCHARD, GARY J.	CHEMISTRY	INTERNATIONAL COLLABORATION IN CHEMISTRY: MICROPHASE PHOTO-ELECTROCHEMISTRY: LIGHT-DRIVEN LIQUID-LIQUID ION TRANSFER
239	\$196,000.00	ENERGY US DEPT OF	Bruening, Merlin	CHEMISTRY	SEPARATIONS OF STABLE ISOTOPIC IONS IN HOMOGENEOUS, HIGHLY CHARGED NANOPORES
240	\$150,000.00	ENERGY US DEPT OF	Dantus, Marcos	CHEMISTRY	SISGR: UNDERSTANDING AND CONTROLLING STRONG-FIELD LASER INTERACTIONS WITH POLYATOMIC MOLECULES
241	\$160,000.00	ENERGY US DEPT OF	Geiger, James	CHEMISTRY	STRUCTURE, FUNCTION AND REGULATION OF THE ENZYMES IN THE STARCH BIOSYNTHETIC PATHWAY
242	\$484,000.00	NATL SCIENCE FOUNDATION	Maleczka, Robert	CHEMISTRY	GOALI: C-H BOND ACTIVATION AND FUNCTIONALIZATION METHODS FOR MEDICINAL AND PROCESS CHEMISTRY

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243	\$58,000.00	NATL SCIENCE FOUNDATION	McCusker, James	CHEMISTRY	PHYSICAL AND PHOTO PHYSICAL PROPERTIES OF SPIN-POLARIZED MOLECULES
244	\$230,000.00	ENERGY US DEPT OF	Piecuch, Piotr	CHEMISTRY	NEW SINGLE- AND MULTI-REFERENCE COUPLED-CLUSTER METHODS FOR HIGH ACCURACY CALCULATIONS OF GROUND AND EXCITED STATES
245	\$184,835.00	NATL INST OF HEALTH - NIH/PHS	SWAIN, GREG M	CHEMISTRY	USING ELECTROCHEMICAL METHODS TO PROBE NEURONAL SIGNALING PROCESSES IN THE GI TRACT
246	\$44,405.00	KENTUCKY UNIV OF	Xi, Zhiyong	ENTOMOLOGY	COMPARISON OF VECTOR COMPETENCE FOR THE DENGUE VIRUS INFECTION BETWEEN AE. POLYNESEIENSIS, AE. RIVERSI AND THEIR HYBRID C
247	\$365,388.00	NATL INST OF HEALTH - NIH/PHS	Gardner, Elizabeth	FD SC NUTR CNS	NATURAL KILLER CELL RESPONSES OF AGED MICE TO PRIMARY INFLUENZA INFECTION
248	\$1,224,356.00	NATL SCIENCE FOUNDATION	Hyndman, David	GEOLOGICAL SCI	COLLABORATIVE RESEARCH: WSC-CATEGORY 3 - TOWARD SUSTAINABILITY OF THE HIGH PLAINS AQUIFER REGION: COUPLED LANDSCAPE, ATMOSPHERE, AND SOCIOECONOMIC SYSTEMS (CLASS)
249	\$166,582.00	EASTERN MICH UNIV	Libarkin, Julie	GEOLOGICAL SCI	THE GREAT LAKES CLIMATE CHANGE SCIENCE AND EDUCATION SYSTEMIC NETWORK (GLCCSESN)
250	\$29,933.00	ENERGY US DEPT OF	Mackey, Kevin	GEOLOGICAL SCI	SEISMIC AND GEOPHYSICAL CHARACTERIZATION OF NORTHERN ASIA
251	\$29,994.00	ARMY RESEARCH OFFICE U S	Van Dam, Remke	GEOLOGICAL SCI	NOVEL METHODS FOR SUBSURFACE CHARACTERIZATION AND MONITORING
252	\$200,000.00	NATL SCIENCE FOUNDATION	Gross, Katherine	KELLOGG BIO STAT	GREENHOUSE FACILITY TO SUPPORT FIELD ECOLOGY AND EVOLUTION RESEARCH AND TEACHING AT THE KELLOGG BIOLOGICAL STATION
253	\$18,435.00	NAVAL RESEARCH US OFFICE OF USDN	Bao, Gang	MATHEMATICS	INVERSE SCATTERING PROBLEMS IN ELECTROMAGNETICS
254	\$62,685.00	NATL SCIENCE FOUNDATION	Bates, Peter	MATHEMATICS	COLLABORATIVE RESEARCH: INVARIANT MANIFOLDS FOR MULTISCALE STOCHASTIC DYNAMICAL SYSTEMS
255	\$16,101.00	NATL SCIENCE FOUNDATION	PARKER, THOMAS H	MATHEMATICS	COLLABORATIVE RESEARCH: ELEMENTARY MATHEMATICS FOR TEACHERS
256	\$30,545.00	WICHITA STATE UNIVERSITY	QIAN, JIANLIANG	MATHEMATICS	INNOVATIVE MATHEMATICAL METHODS FOR GRAVIMETRIC AND MAGNETOMETRIC DATA

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257	\$27,435.00	NATL SCIENCE FOUNDATION	Qian, Jianliang	MATHEMATICS	IMA PARTICIPATING INSTITUTION GRADUATE SUMMER SCHOOL 2010: COMPUTATIONAL WAVE PROPAGATION, JUNE 7-25, 2010 MICHIGAN STATE UNIVERSITY
258	\$202,163.00	NATL SCIENCE FOUNDATION	Wang, Yang	MATHEMATICS	ATD: COLLABORATIVE RESEARCH: MULTISCALE AND STOCHASTIC METHODS FOR INVERSE SOURCE PROBLEMS AND SIGNAL ANALYSIS
259	\$416,444.00	NATL INST OF HEALTH - NIH/PHS	SCHMIDT, THOMAS M.	MICRO&MOLEC GEN NS	CULTIVATION AND CHARACTERIZATION OF MICROAEROBES FROM THE HUMAN MICROBIOME
260	\$60,000.00	NATL SCIENCE FOUNDATION	MCGROARTY, ESTELLE J	NAT SCI DEAN	ADVANCING DIVERSITY THROUGH ALIGNMENT OF POLICIES AND PRACTICES (ADAPP)
261	\$70,673.00	NATL INST OF HEALTH - NIH/PHS	Wang, Hongbing	NEUROSCIENCE PR	FUNCTION AND PROPERTY OF EXTRA SYNAPTIC NMDAR IN NEURONAL CELL DEATH
262	\$260,242.00	NATL SCIENCE FOUNDATION	Baldwin, Jack	PHYSICS-ASTRONOMY	DECIPHERING QSOS: A NEW APPROACH FOR MEASURING THE STRUCTURES OF THEIR CENTRAL ENGINES
263	\$47,930.00	NATL AERONAUTICS AND SPACE ADM	Baldwin, Jack	PHYSICS-ASTRONOMY	THE FILAMENTS IN THE CRAB NEBULA
264	\$28,920.00	NATL AERONAUTICS AND SPACE ADM	Baldwin, Jack	PHYSICS-ASTRONOMY	USING IUE TO DECODE GAS FLOWS AND ACCRETION PROCESSES IN NEARBY QSOS
265	\$99,000.00	ENERGY US DEPT OF	Brock, Raymond	PHYSICS-ASTRONOMY	SUPPORT OF TRIGGER OPERATIONS AT D-ZERO
266	\$131,250.00	MICHIGAN UNIVERSITY OF	BROCK, RAYMOND L	PHYSICS-ASTRONOMY	AGL-T2: ATLAS GREAT LAKES TIER 2 COMPUTING CENTER
267	\$94,375.00	MICHIGAN UNIVERSITY OF	BROCK, RAYMOND L	PHYSICS-ASTRONOMY	AGL-T2: ATLAS GREAT LAKES TIER 2 COMPUTING CENTER
268	\$65,520.00	NATL SCIENCE FOUNDATION	BROCK, RAYMOND L	PHYSICS-ASTRONOMY	RESEARCH ELEMENTARY PARTICLE PHYSICS
269	\$370,000.00	CALTECH	Dykman, Mark	PHYSICS-ASTRONOMY	DYNAMICS-ENABLED NEMS OSCILLATORS
270	\$150,360.00	NATL SCIENCE FOUNDATION	GOLDING, BRAGE	PHYSICS-ASTRONOMY	EMT/QIS: QUANTUM CONTROL OF IMPURITY STATES IN A SEMICONDUCTOR
271	\$10,000.00	NATL SCIENCE FOUNDATION	Huston, Joey	PHYSICS-ASTRONOMY	CTEQ SUMMER SCHOOL FUNDING

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272	\$8,000.00	NATL SCIENCE FOUNDATION	Huston, Joey	PHYSICS-ASTRONOMY	BIENNIAL AFRICAN SCHOOL ON FUNDAMENTAL PHYSICS AND ITS APPLICATIONS
273	\$20,000.00	NATL SCIENCE FOUNDATION	HUSTON, JOEY W	PHYSICS-ASTRONOMY	PARTICLE PHYSICS AT HIGH ENERGY COLLIDERS
274	\$179,129.00	NATL SCIENCE FOUNDATION	LAPIDUS, LISA JILL	PHYSICS-ASTRONOMY	DEVELOPING A GENERAL DESCRIPTION OF THE UNFOLDED STATE OF A PROTEIN
275	\$106,398.00	CALIFORNIA UNIVERSITY OF - LOS ANGELES	LAPIDUS, LISA JILL	PHYSICS-ASTRONOMY	FIBR: HOW DO PROTEINS FOLD INTO THEIR NATIVE AND FUNCTIONAL STRUCTURES IN-VITRO AND IN THE PHYSIOLOGICAL
276	\$75,000.00	MARYLAND UNIV OF	Linnemann, James	PHYSICS-ASTRONOMY	COLLABORATIVE RESEARCH: PERSONNEL SUPPORT FOR THE CONSTRUCTION AND COMMISSIONING OF THE HAWC GAMMA-RAY OBSERVATORY
277	\$450,000.00	ENERGY US DEPT OF	Ruan, Chong-Yu	PHYSICS-ASTRONOMY	SUPPLEMENTAL EQUIPMENT APPLICATION: HIGH-REPETITION RATE FEMTOSECOND LASER AMPLIFIER SYSTEM FOR HIGH BRIGHTNESS, NANOMETER-FOCUSED ULTRAFAST ELECTRON DIFFRACTION AND IMAGING.
278	\$89,000.00	NATL SCIENCE FOUNDATION	TOLLEFSON, KIRSTEN A	PHYSICS-ASTRONOMY	TOP QUARK AND HIGGS BOSON PHYSICS AT HADRON COLLIDERS
279	\$135,099.00	NORTHEASTERN UNIV	Tomanek, David	PHYSICS-ASTRONOMY	NSEC: CENTER FOR HIGH-RATE NANOMANUFACTURING
280	\$17,865.00	CHANDRA SCIENCE CENTER	Zepf, Stephen	PHYSICS-ASTRONOMY	A NEW LOOK AT THE X-RAY BINARY RICHEST GALAXY
281	\$20,092.00	NATL AERONAUTICS AND SPACE ADM	ZEPF, STEPHEN E	PHYSICS-ASTRONOMY	THE ORIGIN AND EVOLUTION OF LMXBS AND THEIR CONNECTION TO GLOBULAR CLUSTERS
282	\$15,341.00	DREXEL UNIVERSITY	ZEPF, STEPHEN E	PHYSICS-ASTRONOMY	DYNAMICAL EVOLUTION OF YOUNG AND OLD GLOBULAR CLUSTERS AND GLOBULAR CLUSTER SYSTEMS
283	\$12,500.00	USDA - FOREST SERVICE	Adams, Gerard	PLANT BIOLOGY	ESTABLISHING RECORD OF NEW DISEASES OF ALDER IN ALASKA.
284	\$193,909.00	WASHINGTON STATE UNIVERSITY	OHLROGGE, JOHN B	PLANT BIOLOGY	BIOCHEMICAL GENOMICS: QUIZZING THE CHEMICAL FACTORIES OF OILSEEDS
285	\$341,938.00	DONALD DANFORTH PLANT SCIENCE CENTER	Shachar-Hill, Yair	PLANT BIOLOGY	ENERGY FRONTIER RESEARCH CENTER: METABOLIC FLUX ANALYSIS PROJECT

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286	\$62,745.00	WISCONSIN MADISON UNIV OF	Shiu, Shinhan	PLANT BIOLOGY	FUNCTIONAL ANALYSIS OF THE UBIQUITIN-PROTEIN LIGASE (E3) FAMILIES IN ARABIDOPSIS
287	\$5,500.00	NATL SCIENCE FOUNDATION	Hu, Jianping	PLANT RSCH LAB NSC	SECOND INTERNATIONAL CONFERENCE ON PLANT PEROXISOME RESEARCH
288	\$239,406.00	NATL SCIENCE FOUNDATION	FERRINI MUNDY, JOAN	SCI & MATH EDUC	IPA AGREEMENT FOR JOAN FERRINI-MUNDY
289	\$159,734.00	NATL SCIENCE FOUNDATION	Rice, Mary	SCI & MATH EDUC	INTEGRATED SCIENCE THROUGH FOUNDATIONAL BIG IDEAS: LEARNING MODULES FOR PRE-SERVICE ELEMENTARY TEACHERS
290	\$382,601.00	NATL SCIENCE FOUNDATION	Urban-Lurain, Mark	SCI & MATH EDUC	COLLABORATIVE RESEARCH: AUTOMATED ANALYSIS OF CONSTRUCTED RESPONSE CONCEPT INVENTORIES TO REVEAL STUDENT THINKING: FORGING A NATIONAL NETWORK FOR INNOVATIVE ASSESSMENT METHODS
291	\$90,684.00	NATL SCIENCE FOUNDATION	Ward, Emily	SCI & MATH EDUC	COLLABORATIVE RESEARCH: CULTURAL VALIDATION OF GEOSCIENCE ASSESSMENT
292	\$58,211.00	WAYNE STATE UNIVERSITY	Cui, Yuehua	STATISTICS & PROB	STATISTICAL ANALYSIS TO IDENTIFY GENETIC CONFLICT RISK FACTORS THAT INCREASE DISEASE RISK DURING PREGNANCY
293	\$46,217.00	UTAH UNIVERSITY OF	Xiao, Yimin	STATISTICS & PROB	GEOMETRY OF RANDOM FIELDS AND STOCHASTIC PARTIAL DIFFERENTIAL EQUATIONS
294	\$9,966.00	UTAH UNIVERSITY OF	XIAO, YIMIN	STATISTICS & PROB	RANDOM FIELDS AND STOCHASTIC PARTIAL DIFFERENTIAL EQUATIONS
295	\$28,048.00	ARMY US DEPT OF	Foran, David	ZOOLOGY NSC	GENETIC IDENTIFICATION OF THE MANUFACTURERS OF IMPROVISED EXPLOSIVE DEVICES
296	\$499,954.00	ENVIRONMENTAL PROTECTION AGENCY	Stevenson, Robert	ZOOLOGY NSC	NUTRIENT MANAGEMENT MODELS TO CONSTRAIN HARMFUL ALGAL BLOOMS
COLLEGE OF NURSING					
297	\$30,280.00	NATL INST OF HEALTH - NIH/PHS	Schutte, Debra	COLLEGE OF NURSING	SYMPTOMS, GENETICS AND HRQOL IN PERSONS WITH NONALCOHOLIC FATTY LIVER DISEASE
298	\$115,958.00	HEALTH RESOURCES & SERVICES ADMIN -PHS	Talley, Henry	COLLEGE OF NURSING	EQUIPMENT TO ENHANCE TRAINING FOR HEALTH PROFESSIONALS- ADVANCED EDUCATION NURSING
299	\$1,425,600.00	HEALTH RESOURCES & SERVICES ADMIN -PHS	Wehrwein, Teresa	COLLEGE OF NURSING	ADVANCED NURSING EDUCATION EXPANSION

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COLLEGE OF OSTEOPATHIC MEDICINE					
300	\$23,750.00	FOGARTY INTL CENTER -NIH/PHS	VOICE, THOMAS	INST INTL HEALTH	TRAINING AND RESEARCH IN ENVIRONMENTAL HEALTH IN THE BALKANS
301	\$12,000.00	BURROUGHS WELLCOME FUND	Taylor, Terrie	INTERNAL MED OM	CONSENSUS GATHERING: MRI FINDINGS IN PEDIATRIC CEREBRAL MALARIA
302	\$436,435.00	NATL INST OF HEALTH - NIH/PHS	TAYLOR, TERRIE E	INTERNAL MED OM	REDEFINING CEREBRAL MALARIA: CAN EYE FINDINGS IMPROVE THE DIAGNOSIS
303	\$160,862.00	NATL INST OF HEALTH - NIH/PHS	Zheng, Yong-Hui	MICRO&MOLEC GEN OM	ACTIONS OF VIF AND APOBEC3 PROTEINS IN HIV-1 REPLICATION
304	\$6,245.00	MOUNT SINAI MEDICAL CENTER	EGGENBERGER, ERIC R	NEUROLOGY & OPCOM	A MULTI-CENTER; DOUBLE-BLIND; RANDOMIZED STUDY COMPARING THE COMBINED USE OF INTERFERON BETA-1A AND GLATIRAMER ACETATE
305	\$20,680.00	NORTHWESTERN UNIVERSITY	Goudreau, John	NEUROLOGY & OPCOM	SAFETY, TOLERABILITY AND EFFICACY ASSESSMENT OF DYNACIRC CR FOR PARKINSON DISEASE (STEADY-PD)
306	\$21,262.00	NATL INST NEURO & COMM DIS & STROKES	GOUDREAU, JOHN L	NEUROLOGY & OPCOM	MICHIGAN STATE UNIVERSITY PARKINSON DISEASE CLINICAL CENTER
307	\$146,527.00	NATL INST OF HEALTH - NIH/PHS	Cholewicki, Jacek	OST SURGICAL SPEC	SYSTEMS SCIENCE CENTER FOR MUSCULOSKELETAL CAM THERAPIES
308	\$528,988.00	MI DEPT COMMUNITY HEALTH	Magen, Jed	PSYCHIATRY COM	PSYCHIATRY RESIDENCY INTEGRATION PROJECT
309	\$40,000.00	BROITMAN FOUNDATION	Semrud-Clikeman, Mar	PSYCHIATRY COM	BROITMAN FOUNDATION LEARNING
COLLEGE OF SOCIAL SCIENCE					
310	\$555,286.00	NATL INST OF HEALTH - NIH/PHS	HUNT, LINDA LEE	ANTHROPOLOGY SSC	CLINICIANS CONCEPTS OF RACIAL/ETHNIC DEFFERENCES IN THE MANAGEMENT OF CHRONIC ILLINESS
311	\$7,500.00	EDUCATION U.S. DEPT OF	Glew, Robert	CASID-SS	FOREIGN LANGUAGE FELLOWSHIPS (FLAS)
312	\$105,739.00	MICHIGAN UNIVERSITY OF	Bynum, Timothy	CRIMINAL JUSTICE	DIRECTOR OF THE NATIONAL ARCHIVE OF CRIMINAL JUSTICE DATA (NACJD)

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<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
313	\$86,416.00	MICHIGAN UNIVERSITY OF	Bynum, Timothy	CRIMINAL JUSTICE	DIRECTOR OF THE NATIONAL ARCHIVE OF CRIMINAL JUSTICE DATA (NACJD)
314	\$50,000.00	JUSTICE US DEPT OF	Bynum, Timothy	CRIMINAL JUSTICE	UNDERSTANDING THE CHALLENGES FACING OFFENDERS UPON THEIR RETURN TO THE COMMUNITY: FINAL PHASE
315	\$272,891.00	JUSTICE US DEPT OF	Holt, Thomas	CRIMINAL JUSTICE	EXAMINING THE STRUCTURE, ORGANIZATION, AND PROCESSES OF THE INTERNATIONAL MARKET FOR STOLEN DATA ON-LINE
316	\$17,000.00	KENTUCKY UNIV OF	Elder, Todd	ECONOMICS	ARE CATHOLIC PRIMARY SCHOOLS MORE EFFECTIVE THAN PUBLIC PRIMARY SCHOOLS?
317	\$19,973.00	DELAWARE UNIVERSITY OF	Linz, Susan	ECONOMICS	DETERMINANTS OF EMPLOYEE PERFORMANCE IN TRANSITION ECONOMIES
318	\$20,000.00	PRINCETON UNIV	Luo, Lifeng	GEOGRAPHY	ENHANCING OPERATIONAL DROUGHT MONITORING AND PREDICTION PRODUCTS THROUGH SYNTHESIS OF N-LDAS AND CPPA RESEARCH RESULTS
319	\$17,794.00	USDA - NATURAL RESOURCES CONSERVATION SERVICE	Lusch, David	GEOGRAPHY	IMAGE INTERPRETATION FOR NRI COURSE - SECOND OPERATIONAL YEAR
320	\$36,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Moy, Jessica	GEOGRAPHY	HIGH RISK EROSION AREA MAPPING FOR ALGER AND LUCE COUNTIES
321	\$29,868.00	NATL AERONAUTICS AND SPACE ADM	Qi, Jiaguo	GEOGRAPHY	RANGELAND DECISION SUPPORT SYSTEM: IMPROVING THE DECISION PROCESS AT THE USDA BY INCORPORATING GRASSLAND CANOPY COVER ESTIMATES DERIVED FROM MODIS OBSERVATIONS AND A WEB-BASED GEOSPATIAL DATA DELIVERY TOOL
322	\$11,880.00	NATL SCIENCE FOUNDATION	Yansa, Catherine	GEOGRAPHY	DOCTORAL DISSERTATION RESEARCH: LIVELIHOODS AND ENVIRONMENTAL RISK: URBAN AGRICULTURE IN KIBERA SLUM OF NAIROBI
323	\$127,500.00	USDA - FOREST SERVICE	Zhong, Shiyuan	GEOGRAPHY	AN INVESTIGATION OF THE DIFFERENCES BETWEEN REAL TIME MESOSCALE ANALYSIS AND OBSERVED METEOROLOGICAL CONDITIONS AT RAWS STATIONS IN THE NORTHEAST UNITED STATES
324	\$20,500.00	USDA - FOREST SERVICE	Zhong, Shiyuan	GEOGRAPHY	DEVELOPMENT OF LOCAL SCALE DISPERSION MODELS FOR SHORT-TERM PREDICTION OF SMOKE DISPERSION FROM PRESCRIBED AND WILDLAND
325	\$22,000.00	JACKSON COMMUNITY ACTION AGENCY	Brophy-Herb, Holly	HUM DEV FAM STD	QUALITY IMPROVEMENT IN EARLY HEAD START

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326	\$90,000.00	WISCONSIN UNIV OF	Onaga, Esther	HUM DEV FAM STD FAMILY IMPACT SEMINARS
327	\$399,965.00	STATE US DEPARTMENT OF	Beck, John	HUM RES LABOR REL LEADERSHIP FELLOWS PROGRAM: BUILDING CAPACITY FOR CIVIL SOCIETY AND ECONOMIC DEVELOPMENT
328	\$229,451.00	PORTLAND STATE UNIVERSITY	KOSSEK, ELLEN ERNST	HUM RES LABOR REL LIMITED COMPETITION FOR EVALUATING THE HEALTH BENEFITS OF WORKPLACE POLICIES AND PRACTICES-PHASE II (US01)
329	\$403,240.00	NATL SCIENCE FOUNDATION	Miller, Jon	ICASL CSS THE DEVELOPMENT OF EMPIRICAL MODELS TO UNDERSTAND EDUCATIONAL AND OCCUPATIONAL CHOICES
330	\$202,683.00	NATL SCIENCE FOUNDATION	Miller, Jon	ICASL CSS STUDY OF INFORMAL SCIENCE RESOURCE USE AMONG YOUNG ADULTS AND THEIR FAMILIES
331	\$235,142.00	NATL SCIENCE FOUNDATION	MILLER, JON D	ICASL CSS THE DEVELOPMENT OF EMPIRICAL MODELS TO UNDERSTAND EDUCATIONAL AND OCCUPATIONAL CHOICES
332	\$39,200.00	BETH ISRAEL DEACONESS MED CENTER	Hembroff, Larry	INST POL/SOC RSCH EFFECTIVENESS OF ROBOTIC COMPARED TO STANDARD PROSTATECTOMY FOR PROSTATE CANCER
333	\$38,850.00	BETH ISRAEL DEACONESS MED CENTER	Hembroff, Larry	INST POL/SOC RSCH EFFECTIVENESS OF EARLY STAGE PROSTATE CANCER TREATMENT
334	\$138,211.00	NATL SCIENCE FOUNDATION	Conroy-Krutz, Jeffre	POLITICAL SCIENCE MEASURING CAMPAIGN EFFECTS IN AFRICAN CONTEXTS: A PANEL SURVEY ON THE 2011 GENERAL ELECTIONS IN UGANDA
335	\$25,645.00	NAVAL RESEARCH US OFFICE OF USDN	Altmann, Erik	PSYCHOLOGY SSC MANAGING THE DISRUPTIVENESS OF INTERRUPTIONS
336	\$19,061.00	OREGON STATE UNIVERSITY	Bowles, Ryan	PSYCHOLOGY SSC TOUCH YOUR TOES - DEVELOPING A NEW MEASURE OF BEHAVIORAL REGULATION
337	\$17,907.00	CALIFORNIA UNIVERSITY OF - DAVIS	Donnellan, Michael	PSYCHOLOGY SSC A MOLECULAR GENETIC STUDY OF RESILIENCE AND VULNERABILITY TO SUBSTANCE USE AND ABUSE
338	\$332,518.00	COMMUNITY ANTI-DRUG COALITIONS OF AMERICA	Foster-Fishman, Penn	PSYCHOLOGY SSC PHOTOVOICE PROJECT
339	\$172,000.00	EARLY CHILDHOOD INVESTMENT CORPORATION	Foster-Fishman, Penn	PSYCHOLOGY SSC EVALUATING MICHIGAN'S GREAT START INITIATIVE
340	\$552,530.00	ARMY US DEPT OF	Ingersoll, Brooke	PSYCHOLOGY SSC DEVELOPMENT OF AN INTERNET-BASED PARENT TRAINING INTERVENTION FOR CHILDREN WITH ASD

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<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
341	\$38,926.00	LIVINGSTON EDUCATIONAL SERVICE AGENCY	Ingersoll, Brooke	PSYCHOLOGY SSC	IMPLEMENTATION OF PROJECT IMPACT
342	\$729,169.00	NATL INST OF HEALTH - NIH/PHS	Klump, Kelly	PSYCHOLOGY SSC	THE EFFECTS OF ESTRADIOL ON GENETIC RISK FOR DISORDERED EATING DURING PUBERTY
343	\$150,000.00	NATL AERONAUTICS AND SPACE ADM	Kozlowski, Steven	PSYCHOLOGY SSC	DEVELOPING, MAINTAINING AND RESTORING TEAM COHESION
344	\$71,823.00	NATL INST OF HEALTH - NIH/PHS	Levendosky, Alytia	PSYCHOLOGY SSC	EFFECTS OF PRE- AND POSTNATAL IPV ON INFANT BEHAVIOR AND PHYSIOLOGY
345	\$26,644.00	NATL INST OF HEALTH - NIH/PHS	LONSTEIN, JOSEPH S	PSYCHOLOGY SSC	NORADRENERGIC REGULATION OF MATERNAL ANXIETY
346	\$188,247.00	ALABAMA UNIVERSITY OF	Miller, Robin	PSYCHOLOGY SSC	ADOLESCENT TRIALS NETWORK (ATN) COORDINATING CENTER
347	\$25,000.00	MICHIGAN COALITION AGAINST DOMESTIC AND SEXUAL VIOLENCE	Sullivan, Cris	PSYCHOLOGY SSC	VIOLENCE AGAINST WOMEN RESEARCH AND OUTREACH INITIATIVE OPEN DOORS PROJECT
348	\$30,000.00	CASEY FAMILY PROGRAMS	Anderson, Gary	SOCIAL WORK	BUILDING POLITICAL WILL FOR BETTER OUTCOMES FOR CHILDREN AND FAMILIES: NEW LEGISLATORS' ORIENTATION
349	\$250,000.00	ADMINISTRATION FOR CHILDREN AND FAMILIES	ANDERSON, GARY R	SOCIAL WORK	STRENGTHENING MARRIAGES AND THE WELL BEING OF CHILDREN: POST ADOPTION AND MARRIAGE EDUCATION
350	\$35,000.00	FLINN ETHEL AND JAMES FAMILY FOUNDATION	Pimlott-Kubiak, Sher	SOCIAL WORK	OUTCOME EVALUATION FOR THE DETROIT-WAYNE COUNTY MENTAL HEALTH COURT
351	\$23,040.00	MI DEPT COMMUNITY HEALTH	Conner, Thomas	SOCIOLOGY SSC	WRAPAROUND INFORMATION SYSTEM- FIDELITY INSTRUMENT DEVELOPMENT
352	\$55,091.00	ILLINOIS URBANA CHAMPAIGN UNIV OF	Gasteyer, Stephen	SOCIOLOGY SSC	INTERDEPENDENCE; RESILIENCE; AND SUSTAINABILITY OF INFRASTRUCTURE SYSTEMS FOR BIOFUEL PRODUCTION SYSTEM
353	\$274,633.66	WASHINGTON HEADQUARTERS SERVICES AQUISITION & PROCUREMENT OFFICE	Shlapentokh, V	SOCIOLOGY SSC	"RUSSIA IN THE SECOND DECADE OF THE 21ST CENTURY: THE UNCERTAIN FUTURE OF PUTIN'S REGIME"
COLLEGE OF VETERINARY MEDICINE					
354	\$610,000.00	NATL INST OF HEALTH - NIH/PHS	Mansfield, Linda	FOOD SAFETY/TOX	FOOD AND WATERBORNE DISEASES INTEGRATED RESEARCH NETWORK MICROBIOLOGY RESEARCH UNIT (MRU)
355	\$20,433.00	AMERICAN QUARTER HORSE FOUNDATION	Cook, Vanessa	LG ANML CLIN SCI	DOES LIDOCAINE MITIGATE LPS - INDUCED INFLAMMATION?

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356	\$40,000.00	MORRIS ANIMAL FOUNDATION	Ewart, Susan	LG ANML CLIN SCI	PFIZER ANIMAL HEALTH - MORRIS ANIMAL FOUNDATION VETERINARY FELLOWSHIP FOR ADVANCED STUDY
357	\$136,442.00	DAVID HIDE ASTHMA & ALLERGY RESCH CNTR	EWART, SUSAN L	LG ANML CLIN SCI	EPIDEMIOLOGY OF ASTHMA: RISK AND PROGNOSIS IN A COHORT FROM BIRTH TO ADOLESCENCE
358	\$24,950.00	MICHIGAN DEPARTMENT OF AGRICULTURE	Kaneene, John	LG ANML CLIN SCI	MYCOBACTERIUM BOVIS SURVIVABILITY IN SALT/MINERALS FED TO CATTLE
359	\$24,950.00	MICHIGAN DEPARTMENT OF AGRICULTURE	Kaneene, John	LG ANML CLIN SCI	BOVINE TUBERCULOSIS PROGRAM DIAGNOSTIC TESTS UTILIZATION
360	\$20,436.00	UNITED STATES EQUESTRIAN FEDERATION INC	Bowker, Robert	PTH & DIAG INVEST	DIFFERENCES IN TISSUE PERFUSION OF THE EQUINE FOOT ON DIFFERENT GROUND SURFACES DURING STANCE USING DOPPLER ULTRASOUND
361	\$67,662.00	EDUCATION U.S. DEPT OF	Langohr, Ingeborg	PTH & DIAG INVEST	CONSORTIUM FOR PROMOTION OF UNDERSTANDING OF ENVIRONMENTAL AND PUBLIC HEALTH ISSUES
362	\$105,170.00	MORRIS ANIMAL FOUNDATION	Ballegeer, Elizabeth	SM ANML CLIN SCI	CHARACTERIZATION OF CANINE HEPATIC MASSES WITH 18F-FLUORODEOXYGLUCOSE POSITRON EMISSION TOMOGRAPHY AND MULTIPHASIC CONTRAST ENHANCED COMPUTED TOMOGRAPHY
363	\$19,300.00	PFIZER-CCOGC	MCNIEL, ELIZABETH ANN	SM ANML CLIN SCI	MICHIGAN STATE UNIVERSITY CENTER FOR COMPARATIVE ONCOLOGY TISSUE PROCUREMENT PROGRAM
364	\$152,235.00	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	Yuzbasiyan-Gurkan, V	SM ANML CLIN SCI	CANINE HEREDITARY CANCER CONSORTIUM: FROM BARK TO BEDSIDE
365	\$20,000.00	MERCK-MERIAL ANIMAL HEALTH GRANTS PROG	Yuzbasiyan-Gurkan, V	SM ANML CLIN SCI	MERIAL VETERINARY SCHOLAR SUMMER RESEARCH PROGRAM
366	\$535,878.00	HEALTH CAREERS OPPORTUNITY PROG	LOWRIE, PATRICIA	VET MED DEAN	THE VETWARD BOUND PROGRAM
367	\$97,000.00	MI LABOR	Lowrie, Patricia	VET MED DEAN	PEER LEADERSHIP: ENHANCING INCLUSIVE ACADEMIC SUCCESS
368	\$66,130.00	USDA - FOREIGN AG SER	Malinowski, Robert	VET MED DEAN	VETERINARY TRAINING SEMINARS FOR THE IRAQI VETERINARY SYNDICATE AND THE IRAQI RED MEATS ASSOCIATION
369	\$287,574.00	US DEPT AGRICULTURE	Rashmir, Ann	VET MED DEAN	SUPPLEMENTING FOOD ANIMAL VETERINARY MEDICAL EDUCATION WITH IPOD APPLICATIONS, PODCASTING AND PROBLEM BASED LEARNING

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370	\$100,486.00	NATL INST OF HEALTH - NIH/PHS	Yuzbasiyan-Gurkan, V	VET MED DEAN	VETERINARY RESEARCH STUDENT TRAINING PROGRAM
NAT'L SUPERCONDUCTING CYCLOTRON LABORATORY					
371	\$10,750,000.00	NATL SCIENCE FOUNDATION	GELBKE, C KONRAD	NATL CYCLOTRON LAB	OPERATION OF THE NSCI AT MSU AS A NATIONAL USER FACILITY AND SUPPORT FOR ITS RESEARCH PROGRAM
372	\$800,000.00	ENERGY US DEPT OF	Lynch, William	NATL CYCLOTRON LAB	DETERMINATION OF THE EQUATION OF STATE OF ASYMMETRIC NUCLEAR MATTER
373	\$96,000.00	ENERGY US DEPT OF	Maciel Nunes, Filome	NATL CYCLOTRON LAB	ADVANCING THE THEORY OF NUCLEAR REACTIONS WITH RARE ISOTOPES: FROM THE LABORATORY TO THE COSMOS
374	\$70,400.00	RUTGERS, THE STATE UNIVERSITY	MACIEL NUNES, FILOMENA MARIA	NATL CYCLOTRON LAB	CENTER OF EXCELLENCE FOR RADIOACTIVE ION BEAM STUDIES FOR STEWARDSHIP SCIENCE
375	\$97,000.00	ENERGY US DEPT OF	Pratt, Scott	NATL CYCLOTRON LAB	DETERMINING PROPERTIES OF MATTER CREATED AT RHIC
376	\$789,883.00	NOTRE DAME UNIVERSITY OF	SCHATZ, HENDRIK	NATL CYCLOTRON LAB	PHYSICS FRONTIERS CENTER: JOINT INSTITUTE FOR NUCLEAR ASTROPHYSICS (JINA)
377	\$150,000.00	INSTITUTE OF MODERN PHYSICS, CHINESE ACADEMY OF SCIENCES	Wu, Xiaoyu	NATL CYCLOTRON LAB	ADDENDUM #1 TO MEMORANDUM OF UNDERSTANDING BETWEEN INST. OF MODERN PHYSICS (CHINA) AND MSU, DATED NOVEMBER 13, 2009
PROVOST-VICE PRES FOR ACADEMIC AFFAIRS					
378	\$17,120.00	JOHNS HOPKINS UNIVERSITY	Bonner, Joseph	CTSI	GENE-ENVIRONMENT INTERACTION STUDY FOR AUTISM: THE SEED STUDY
379	\$10,227.55	JANSSEN ALZHEIMER IMMUNOTHERAPY	Henry, Jonathan	CTSI	A PHASE 3 EXTENSION, MULTICENTER, DOUBLE-BLIND, LONG TERM SAFETY AND TOLERABILITY TREATMENT TRIAL OF BAPINEUZUMAB (AAB 0
ASC PROV FOR UNIV OUTREACH & ENGAGEMENT					
380	\$40,000.00	NATL ENDOWMENT FOR THE ARTS	Maddowell, Marsha	MUSEUM -UOE	2010 MICHIGAN TRADITIONAL ARTS PROGRAM, INFRASTRUCTURE AND APPRENTICESHIPS
381	\$307,800.00	NORTH CAROLINA UNIV OF	Farrell, Patricia	OUTREACH PARTNRSHP	PROMOTING ACADEMIC SUCCESS INITIATIVE

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382	\$29,080.00	US DEPT AGRICULTURE	Lamore, Rex	OUTREACH PARTNRSHP	USDA IDENTIFYING CURRENT CAPITAL ACCESS TRENDS IN RURAL NORTHERN MI: UNDERSTANDING ENTREPRENEURIAL RURAL ECONOMIC DEVELOPMENT
383	\$119,101.49	MICHIGAN ARMY NATIONAL GUARD	Gorman, Lisa	UN OUTRCH ENG- ADM	YELLOW RIBBON REINTEGRATION PROGRAM
ASC PROV ACAD STDNT SERV & MULTICUL ISSUES					
384	\$170,200.00	MI DEPT OF ENERGY, LABOR & ECONOMIC GROWTH	Bellamy, Pamela	ASC PRV ASSMI	YEAR 5 MICHIGAN GEAR UP/COLLEGE DAY PROGRAM
385	\$424,220.00	EDUCATION U.S. DEPT OF	Garcia, Louis	MIGRANT STU SERV	MSU COLLEGE ASSISTANCE MIGRANT PROGRAM - SCHOLARS INITIATIVE
386	\$10,000.00	MI DEPT COMMUNITY HEALTH	Garcia, Louis	MIGRANT STU SERV	MSS MECHANISM FOR ADDRESSING MSU HEP/CAMP STUDENT HEALTH DISPARITIES
387	\$295,916.00	EDUCATION U.S. DEPT OF	WIGGINS, AURLES U	SUPPORT SERV PROG	MCNAIR
INTERNATIONAL STUDIES AND PROGRAMS					
388	\$12,181.25	VARIOUS COLLEGES & UNIVERSITIES	Pritchett, James	AFR STD CTR	SCALI 2010 FLAS AWARDS
389	\$7,724.50	VARIOUS COLLEGES & UNIVERSITIES	Pritchett, James	AFR STD CTR	SCALI 2010 FLAS AWARDS
390	\$6,500.00	VARIOUS COLLEGES & UNIVERSITIES	Pritchett, James	AFR STD CTR	SCALI 2010 FLAS AWARDS
391	\$25,000.00	USDA - FOREIGN AG SER	Howard, Julie	INTNL CTRS & INST	AFRICAN LEADERS PARTICIPATION IN THE PARTNERSHIP TO CUT HUNGER AND POVERTY IN AFRICA SEMINAR AND THE 2010 NORMAN E. BORLAUG INTERNATIONAL SYMPOSIUM
392	\$21,732.00	EDUCATION U.S. DEPT OF	DITRI, FRANK M	INTNL STD DEAN	FULBRIGHT-HAYS DOCTORAL DISSERTATION RESEARCH ABROAD
393	\$39,470.00	EDUCATION U.S. DEPT OF	DITRI,FRANK	INTNL STD DEAN	FULBRIGHT-HAYS DOCTORAL DISSERTATION RESEARCH ABROAD
394	\$37,355.00	EDUCATION U.S. DEPT OF	DITRI,FRANK	INTNL STD DEAN	FULBRIGHT-HAYS DOCTORAL DISSERTATION RESEARCH ABROAD
395	\$29,650.00	EDUCATION U.S. DEPT OF	DITRI,FRANK	INTNL STD DEAN	FULBRIGHT-HAYS DOCTORAL DISSERTATION RESEARCH ABROAD

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LIBRARIES					
396	\$9,000.00	MOTORCITIES	Nicholson, Shawn	LIBRARIES	THE G. ROBERT VINCENT VOICE LIBRARY: LANSING AUTO TOWN ORAL HISTORY GALLERY
MICHIGAN AGRICULTURAL EXPERIMENT STATION					
397	\$17,500.00	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Batie, Sandra	AGRIC ECON MAES	SOCIAL SCIENCE RESEARCH PLANNING WORKSHOP: CLIMATE CHANGE, BIO-ENERGY, AND NATURAL RESOURCES
398	\$312,256.00	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Loveridge, Scott	AGRIC ECON MAES	NORTH CENTRAL REGIONAL CENTER FOR RURAL DEVELOPMENT
399	\$147,958.00	USDA - AGRICULTURE U.S. DEPT. OF - ES	Loveridge, Scott	AGRIC ECON MAES	NORTH CENTRAL REGIONAL CENTER FOR RURAL DEVELOPMENT
400	\$41,381.00	USDA - AGRICULTURE U.S. DEPT. OF - ES	Loveridge, Scott	AGRIC ECON MAES	NORTH CENTRAL REGIONAL CENTER FOR RURAL DEVELOPMENT
401	\$33,973.00	USDA - AGRICULTURE U.S. DEPT. OF - ES	Loveridge, Scott	AGRIC ECON MAES	NORTH CENTRAL REGIONAL CENTER FOR RURAL DEVELOPMENT
402	\$17,200.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Lupi, Frank	AGRIC ECON MAES	ANGLER SURVEY FOR BASIN MANAGERS AND GREAT LAKE MANAGEMENT PLANNING
403	\$32,412.00	BUREAU ISSALA	Staatz, John	AGRIC ECON MAES	ECOWAP/CAADP PROCESS: SUPPORTING ECOWAS COMMISSION FOR IMPLEMENTATION OF REGIONAL MOBILIZING PROGRAMS IN 2010
404	\$59,969.00	CARGILL INCORPORATED	Allen, Michael	ANIMAL SCIENCE AES	EFFECTS OF A DAIRY PROTEIN PRODUCT ON DRY MATTER INTAKE AND YIELD OF MILK AND MILK COMPONENTS OF HOLSTEIN COWS
405	\$190,220.00	NEW YORK UNIVERSITY SCHOOL OF MEDICINE	Cibelli, Jose	ANIMAL SCIENCE AES	BREAD TRYPANOSOMIASIS RESISTANT CATTLE
406	\$128,231.00	KEMIRA CHEMSOLUTIONS B.V.	Kang, Ik	ANIMAL SCIENCE AES	INHIBITORY EFFECTS OF PROVIAN (SODIUM LACTATE AND SODIUM ACETATE MIXTURES) ON THE GROWTH OF LISTERIA MONOCYTOGENES IN FRANKFURTERS STORED AT 4, 7, OR 10 DEGREES C
407	\$10,355.00	KANSAS STATE UNIVERSITY	Steibel, Juan	ANIMAL SCIENCE AES	PRRS CAP: INTEGRATED STRATEGIES TO CONTROL AND REDUCE THE IMPACT OF PRRS VIRUS
408	\$88,000.00	US DEPT AGRICULTURE	Kelly, James	CROP & SOIL SC AES	IMPROVED SUSTAINABLE PRODUCTION OF SPECIALTY CROPS

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409	\$67,949.00	NORTH DAKOTA STATE UNIVERSITY	Kelly, James	CROP & SOIL SC AES	COMMON BEAN COORDINATED AGRICULTURAL PROJECT
410	\$7,904.00	IOWA STATE UNIVERSITY	Kelly, James	CROP & SOIL SC AES	ENHANCING BIOLOGICAL NITROGEN FIXATION [BNF] OF LEGUMINOUS CROPS GROWN ON DEGRADED SOILS IN UGANDA, RWANDA AND TANZANIA
411	\$450,000.00	NATL SCIENCE FOUNDATION	Lenski, Richard	CROP & SOIL SC AES	LTREB RENEWAL: THE LONG-TERM EVOLUTION EXPERIMENT WITH ESCHERICHIA COLI
412	\$32,505.00	MCKNIGHT FOUNDATION	Snapp, Sieglinde	CROP & SOIL SC AES	BEST BETS TWO: FOR A CHANGING WORLD
413	\$141,615.00	ILLINOIS UNIV OF -	OLSEN, LARRY G	ENTOMOLOGY AES	MICHIGAN STATE UNIVERSITY CONTRIBUTION TO THE NORTH CENTRAL IPM CENTER - 2007-08
414	\$100,000.00	USDA - RISK MGT AGENCY	Wise, John	ENTOMOLOGY AES	FOOD SAFETY RISK MANAGEMENT TOOLS FOR SPANISH-SPEAKING AUDIENCES
415	\$120,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Jones, Michael	FISH & WILDLF AES	WILDLIFE DIVISION STRATEGIC PLANNING
416	\$85,439.00	BERING SEA FISHERMEN'S ASSOCIATION	Jones, Michael	FISH & WILDLF AES	BSFA ESCAPEMENT GOAL SETTING
417	\$15,648.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Jones, Michael	FISH & WILDLF AES	ASSISTANCE WITH DEVELOPMENT OF CORMORANT ADAPTIVE MANAGEMENT PLAN FOR MICHIGAN
418	\$68,028.00	CONSOLIDATED SAFETY SERVICES	Joseph, Sonia	FISH & WILDLF AES	MONITORING AND FORECASTING CYANOBACTERIAL BLOOMS FOR PUBLIC HEALTH PROTECTION AND RESPONSE
419	\$126,260.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Scribner, Kim	FISH & WILDLF AES	LANDSCAPE GENETIC ANALYSIS OF HARVEST INTENSITY, LAND-COVER AND LAND-USE FEATURES AFFECTING BLACK BEAR MOVEMENTS, ABUNDANCE, AND SOURCE-SINK DYNAMICS IN MICHIGAN'S LOWER PENINSULA
420	\$73,373.00	MINNESOTA UNIV OF	Finley, Andrew	FORESTRY AES	HIERARCHICAL SPATIAL PROCESS MODELS FOR ESTIMATING AND PREDICTING HEALTH EFFECTS OF CLIMATE CHANGE
421	\$69,788.00	BAYER CROPSCIENCE	Han, Kyung-Hwan	FORESTRY AES	BIOTECHNOLOGY FOR IMPROVING DROUGHT-TOLERANCE IN PLANT
422	\$1,393,660.00	USDA - AGRICULTURE U.S. DEPT. OF - ES	Iezzoni, Amy	HORTICULTURE MAES	ROSBREED: ENABLING MARKER ASSISTED BREEDING IN ROSACEAE
423	\$3,386,907.00	AGENCY FOR INTERNATL DEVELOPMENT	Widders, Irvin	HORTICULTURE MAES	BEAN TECHNOLOGY DISSEMINATION IN GUATEMALA, HONDURAS, NICARAGUA AND HAITI

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<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
424	\$7,193.00	PFIZER INC	Erskine, Ronald	LG AN CLIN SCI AES	BOVINE LEUKOSIS: PREVALENCE, EFFECT ON DAIRY CATTLE HEALTH AND IMPACT OF HERD MANAGEMENT
425	\$275,000.00	BIOGAIA	Britton, Robert	MICRO&MOLEC GN AES	ASSESSING THE ABILITY OF L. REUTERI ATCC PTA 4659 TO AMELIORATE SYMPTOMS OF OSTEOPOROSIS
426	\$150,480.00	NATL INST OF HEALTH - NIH/PHS	Mueller, Tina	MICRO&MOLEC GN AES	ROLE OF ABH1S AP ENDONUCLEASE ACTIVITY IN IMMUNOGLOBULIN GENE DIVERSIFICATION
427	\$10,500.00	ENERGY US DEPT OF	Schmidt, Thomas	MICRO&MOLEC GN AES	IMPROVING CARBON DIOXIDE FLUX PREDICTIONS IN SOILS BY UNDERSTANDING METABOLIC TRADEOFFS IN DECOMPOSITION IMPROVING CARBON DIOXIDE FLUX PREDICTIONS IN SOILS BY UNDERSTANDING METABOLIC TRADEOFFS IN DECOMPOSITION
428	\$96,854.00	ILLINOIS URBANA CHAMPAIGN UNIV OF	Sundin, George	PLANT PATHOLOGY	INTEGRATED GENOMICS AND MANAGEMENT SYSTEMS FOR CONTROL OF FIRE BLIGHT
429	\$12,736.00	PURDUE UNIV	Sundin, George	PLANT PATHOLOGY	RAPID IDENTIFICATION OF FUNGICIDE RESISTANCE AND THE DEVELOPMENT OF ACTION THRESHOLDS TO PREVENT FUNGICIDE FAILURE AGAINST THE APPLE SCAB PATHOGEN , VENTURIA INAEQUALIS
MICHIGAN STATE UNIVERSITY EXTENSION					
430	\$156,764.00	US DEPT AGRICULTURE	Waite, Karen	ANIMAL SCIENCE CES	YOUTH FARM SAFETY EDUCATION AND CERTIFICATION
431	\$79,000.00	PROVIMI RESEARCH AND TECH CENTRE	Powers-Schilling, We	BIOSYSTEMS AG ENGR	SILVER BULLET EXPERIMENT - CONTRACT WORK WITH PROVIMI
432	\$29,555.00	NATL PORK BOARD	Powers-Schilling, We	BIOSYSTEMS AG ENGR	META-ANALYSIS OF GREENHOUSE GAS EMISSIONS FROM SWINE OPERATIONS
433	\$93,900.00	USDA - AGRICULTURE U.S. DEPT. OF - ES	COON, THOMAS	CANR PUB SERV ACT	MICHIGAN FEDERALLY-RECOGNIZED TRIBES EXTENSION PROGRAM
434	\$36,800.00	USDA - AGRI MARKETING SERV US DEPT AGR	Mahoney, Edward	CARRS MSUE	NATIONAL SURVEY OF U.S. FARMERS MARKETS - PHASE II
435	\$20,000.00	USDA - AGRI MARKETING SERV US DEPT AGR	Mahoney, Edward	CARRS MSUE	NATIONAL SURVEY OF U.S. FARMERS MARKETS - PHASE II
436	\$88,059.00	STATE OF POHNPEI	Paulsen, Richard	CARRS MSUE	POHNPEI WORLD PARK PLANNING

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BOARD OF TRUSTEES

DECEMBER 2010

<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
437	\$16,775.00	US DEPT AGRICULTURE	Kells, James	CROP & SOIL SC CES	USDA SUGARBEET AND BEAN RESEARCH UNIT
438	\$60,097.00	IOWA STATE UNIVERSITY	Chapin, Julie	CYFC	PROSPER PARTNERSHIP AGREEMENT: GO GRANT
439	\$52,000.00	MI DEPT COMMUNITY HEALTH	Contreras, Dawn	CYFC	WIISEWOMAN ENTREPRENEURIAL GARDENING PROJECT
440	\$476,000.00	MI DEPT OF ENERGY, LABOR & ECONOMIC GROWTH	Pennington, Dennis	EXT AG AGRIBUSINES	GROWING, HARVESTING AND UTILIZING BIOENERGY CROPS ON NON-TRADITIONAL LAND IN MICHIGAN
441	\$50,000.00	USDA - FOREST SERVICE	Foster, Richard	EXT GREENING MI	PREVENTION AND SUPPRESSION OF OAK WILT IN MICHIGAN'S UPPER PENINSULA
442	\$16,826.80	CORN MARKETING PROGRAM OF MICHIGAN	Battel, Robert	EXT SOUTHEAST REGN	THUMB AG RESEARCH AND EDUCATION (TARE) PROJECT, 2010
443	\$71,897.00	RUTH MOTT FOUNDATION	East, Deanna	EXT SOUTHEAST REGN	URBAN AGRICULTURE/LOCAL FOOD SYSTEMS
444	\$32,500.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Burroughs, Jordan	FISH & WILDLF CES	PURE MICHIGAN HUNT OPPORTUNITY
445	\$628,415.00	EDUCATION U.S. DEPT OF	Habron, Geoffrey	FISH & WILDLF CES	COMPETENCY-BASED ASSESSMENT OF LIBERAL LEARNING GOALS THROUGH INSTITUTIONAL EXPERIENTIAL EDUCATION FOR GLOBAL SUSTAINABILITY
446	\$48,000.00	USDA - AGRI MARKETING SERV US DEPT AGR	Behe, Bridget	HORTICULTURE MSUE	SUSTAINABILITY ON THE TABLE AND IN THE YARD: IDENTIFYING, PROFILING, AND QUANTIFYING MARKETS FOR SUSTAINABLY-GROWN ORNAMENTAL AND FOOD-PRODUCING PLANTS.
447	\$55,100.00	MICH NURSERY AND LANDSCAPE ASSOCIATION	Cregg, Bert	HORTICULTURE MSUE	SUSTAINABLE NUTRIENT AND WATER MANAGEMENT FOR CONTAINER TREE PRODUCTION
448	\$8,000.00	GREAT SALT LAKE MIN AND CHEM CORP	Hanson, Eric	HORTICULTURE MSUE	UNRESTRICTED GIFT IN SUPPORT OF RESEARCH.
449	\$188,531.00	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Lang, Gregory	HORTICULTURE MSUE	HOLISTIC INTEGRATION OF ORGANIC STRATEGIES AND HIGH TUNNELS FOR MIDWEST/GREAT LAKES FRUIT PRODUCTION
450	\$9,969.00	THE CERES TRUST	Ngouajio, Mathieu	HORTICULTURE MSUE	A NOVEL APPROACH FOR OPTIMIZING THE BENEFITS OF CEREAL-LEGUME COVER CROP MIXTURES IN VEGETABLE CROPPING SYSTEMS UNDER ORGANIC MANAGEMENT.

GIFT, GRANT AND CONTRACT REPORT

BOARD OF TRUSTEES

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<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
451	\$24,400.00	USDA - AGRI RESEARCH SERV US DEPT AGR	Runkle, Erik	HORTICULTURE MSUE	A NORTH-SOUTH ALLIANCE FOR PRODUCTION RESEARCH
452	\$61,439.00	MICHIGAN UNIVERSITY OF	Pistis, Charles	MSUE DIR OFF	OUTREACH EDUCATION COORDINATION FOR THE NOAA CENTER OF EXCELLENCE FOR GREAT LAKES & HUMAN HEALTH
453	\$34,270.00	OHIO STATE UNIV RESEARCH FOUNDATION	STURTEVANT, ROCHELLE ANN	MSUE DIR OFF	PREPARING COASTAL COMMUNITIES FOR CLIMATE CHANGE
454	\$32,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Hyde, Daria	NAT FEATURES INVEN	ENVIRONMENTAL REVIEW EVALUATION - PHASE 3
455	\$60,000.00	US VIRGIN ISLANDS BUREAU OF ECONOMIC RESEARCH	Kotval, Zenia	PLN,DSGN,CNST-MSUE	ECONOMIC FORECASTING MODEL FOR THE U.S. VIRGIN ISLANDS
VICE PRES RESEARCH AND GRADUATE STUDIES					
456	\$35,640.00	USDA - AGRI RESEARCH SERV US DEPT AGR	Dewitt, David	RTSF	MRNA SEQUENCING AND BIOINFORMATICS OF BEAN GENOTYPES AND TREATMENTS
457	\$8,039.00	NEOGEN CORP	Pierce, Steven	VPRGS INITIATIVES	DEVELOPING CALIBRATION CURVES FOR QUANTITATIVE LATERAL FLOW DEVICES USED IN FOOD SAFETY TESTING
VICE PRES FOR STUDENT AFFAIRS AND SERVICES					
458	\$210,452.00	EDUCATION U.S. DEPT OF	June, Lee	FAM RESOURCE CTR	"SPARTAN KIDS" CHILD CARE GRANT
UNIVERSITY ADVANCEMENT					
459	\$10,099,270.65	VARIOUS DONORS	VARIOUS PROJ LEADERS	ASC VP UNIV DEVEL	VARIOUS DONORS TO UNIVERSITY DEVELOPMENT FOR JULY 2010 THROUGH SEPTEMBER 2010
V.P. FINANCE AND OPERATIONS AND TREASURER					
460	\$55,184.00	MSU FOUNDATION	Poston, Freddie	FIN-OPER VP, TREAS	SALARIES AND FRINGES PAID FOR FISCAL YEAR 2010-11
461	\$384,814.49	VARIOUS DONORS	VARIOUS PROJ LEADERS	MSU FOUNDATION	QUARTERLY GIFT / GRANT TRANSFERS

GIFT, GRANT AND CONTRACT REPORT

BOARD OF TRUSTEES

DECEMBER 2010

<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>
Various				
462 \$122,939.20	VARIOUS	Various	Various	37 Consolidated grants with individual values less than \$5,000. Details on file in Contract & Grant Admin., Room 301 Admin. Bldg.
<u>\$111,042,398.97</u>	TOTAL DECEMBER 2010 BOARD			

