

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

December 03, 2012

MEMORANDUM

TO: Members of the Board of Trustees

FROM: Steven Hsu, Vice President

SUBJECT: Gift, Grant and Contract Report

RECOMMENDATION: That the Board of Trustees approve the attached Gift, Grant and Contract Report for the period of August 22, 2012 through November 27, 2012. The report is a compilation of 859 Gifts, Grants and Contracts plus 72 Consignment/Non-Cash Gifts, with a total value of \$139,651,871.



FY 2012-13 TOTALS:

a) Gifts, Grants and Contracts only:	\$259,037,248
b) Gifts, Grants and Contracts plus Consignments:	\$259,661,612
(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

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JIG/sb

Current Period / Year to Date

Gift & Grant Awards

Meeting Date: 12/14/2012

AWARD TOTALS

Research			
	08/22/12-11/27/12	12-13	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	\$50,686,363	\$101,632,495	76.7%
State of Michigan	\$2,415,008	\$4,717,844	3.6%
Other	\$2,922,405	\$7,086,052	5.3%
Industry/CO	\$2,141,794	\$4,419,582	3.3%
Foundation	\$1,286,272	\$12,927,782	9.8%
Association	\$801,499	\$1,676,626	1.3%
TOTAL	\$60,253,341	\$132,460,382	100%

Non-Research			
	08/22/12-11/27/12	12-13	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	\$6,460,838	\$19,711,968	15.6%
State of Michigan	\$1,271,298	\$3,085,205	2.4%
Other	\$15,590,635	\$44,178,814	34.9%
Industry/CO	\$1,423,417	\$2,204,010	1.7%
Foundation	\$47,311,119	\$49,982,959	39.5%
Association	\$7,071,258	\$7,413,910	5.9%
TOTAL	\$79,128,565	\$126,576,866	100%

Total			
	08/22/12-11/27/12	12-13	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	\$57,147,201	\$121,344,462	46.8%
State of Michigan	\$3,686,307	\$7,803,050	3.0%
Other	\$18,513,040	\$51,264,866	19.8%
Industry/CO	\$3,565,211	\$6,623,592	2.6%
Foundation	\$48,597,391	\$62,910,742	24.3%
Association	\$7,872,757	\$9,090,536	3.5%
TOTAL	\$139,381,906	\$259,037,248	100%

OF AWARDS

Research			
	08/22/12-11/27/12	12-13	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	265	516	46.8%
State of Michigan	28	49	4.4%
Other	51	111	10.1%
Industry/CO	132	200	18.1%
Foundation	33	76	6.9%
Association	76	150	13.6%
TOTAL	585	1102	100%

Non-Research			
	08/22/12-11/27/12	12-13	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	66	138	28.7%
State of Michigan	13	26	5.4%
Other	39	69	14.3%
Industry/CO	127	196	40.7%
Foundation	22	37	7.7%
Association	7	15	3.1%
TOTAL	274	481	100%

Total			
	08/22/12-11/27/12	12-13	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	331	654	41.3%
State of Michigan	41	75	4.7%
Other	90	180	11.4%
Industry/CO	259	396	25.0%
Foundation	55	113	7.1%
Association	83	165	10.4%
TOTAL	859	1583	100%

Current Year / Previous Year

Gift & Grant Awards

Meeting Date: 12/14/2012

AWARD TOTALS

Research			
<u>Gift/Grant Source</u>	<u>05/24/11-11/28/11</u>	<u>06/05/12-11/27/12</u>	<u>% Change</u>
Federal Government	\$138,703,497	\$101,632,495	-26.7%
State of Michigan	\$4,676,373	\$4,717,844	0.9%
Other	\$8,165,379	\$7,086,052	-13.2%
Industry/CO	\$4,692,364	\$4,419,582	-5.8%
Foundation	\$15,116,117	\$12,927,782	-14.5%
Association	\$1,486,502	\$1,676,626	12.8%
TOTAL	\$172,840,232	\$132,460,382	-23%

Non-Research			
<u>Gift/Grant Source</u>	<u>05/24/11-11/28/11</u>	<u>06/05/12-11/27/12</u>	<u>% Change</u>
Federal Government	\$26,390,601	\$19,711,968	-25.3%
State of Michigan	\$7,565,189	\$3,085,205	-59.2%
Other	\$42,080,649	\$44,178,814	5.0%
Industry/CO	\$1,639,883	\$2,204,010	34.4%
Foundation	\$4,757,289	\$49,982,959	950.7%
Association	\$520,039	\$7,413,910	1325.6%
TOTAL	\$82,953,650	\$126,576,866	53%

Total			
<u>Gift/Grant Source</u>	<u>05/24/11-11/28/11</u>	<u>06/05/12-11/27/12</u>	<u>% Change</u>
Federal Government	\$165,094,097	\$121,344,462	-26.5%
State of Michigan	\$12,241,562	\$7,803,050	-36.3%
Other	\$50,246,028	\$51,264,866	2.0%
Industry/CO	\$6,332,248	\$6,623,592	4.6%
Foundation	\$19,873,406	\$62,910,742	216.6%
Association	\$2,006,541	\$9,090,536	353.0%
TOTAL	\$255,793,882	\$259,037,248	1%

OF AWARDS

Research			
<u>Gift/Grant Source</u>	<u>05/24/11-11/28/11</u>	<u>06/05/12-11/27/12</u>	<u>% Change</u>
Federal Government	505	516	2.2%
State of Michigan	72	49	-31.9%
Other	112	111	-0.9%
Industry/CO	273	200	-26.7%
Foundation	75	76	1.3%
Association	98	150	53.1%
TOTAL	1135	1102	-3%

Non-Research			
<u>Gift/Grant Source</u>	<u>05/24/11-11/28/11</u>	<u>06/05/12-11/27/12</u>	<u>% Change</u>
Federal Government	144	138	-4.2%
State of Michigan	37	26	-29.7%
Other	68	69	1.5%
Industry/CO	82	196	139.0%
Foundation	30	37	23.3%
Association	11	15	36.4%
TOTAL	372	481	29%

Total			
<u>Gift/Grant Source</u>	<u>05/24/11-11/28/11</u>	<u>06/05/12-11/27/12</u>	<u>% Change</u>
Federal Government	649	654	0.8%
State of Michigan	109	75	-31.2%
Other	180	180	0.0%
Industry/CO	355	396	11.5%
Foundation	105	113	7.6%
Association	109	165	51.4%
TOTAL	1507	1583	5%

Top 10 Awards for the December 14, 2012 BOT Meeting

Rank	Funding Type	Award Amount	First PI	Grantor	Dept	New or Revision	Function	Project Dates	Title
1	Foundation	\$45,128,974	Riedinger, Jeffrey	MasterCard Foundation	INTERNATIONAL STUDIES & PROGRAMS DEAN	New	Education	6/29/2012 12/31/2021	MASTERCARD FOUNDATION 21ST CENTURY SCHOLARS, MICHIGAN STATE UNIVERSITY
2	Association	\$7,000,000	Markle, Barbara	MICH ASSOC OF SCHOOL ADMINISTRATORS	EDUCATION DEAN	New	Education	10/1/2012 9/30/2013	COACHING 101 AND SCHOOLWIDE SYSTEM OF SUPPORT - INTERVENTION SPECIALISTS AND DISTRICT IMPROVEMENT FACILITATORS
3	Federal Government	\$1,891,412	Hollingworth, Robert	US DEPT AGRICULTURE	ENTOMOLOGY AGRICULTURE AND NATURAL RES	New	Research	8/15/2012 8/14/2013	INTERREGIONAL RESEARCH PROJECT NO. 4 MINOR CROP PEST MANAGEMENT FOR THE NORTH CENTRAL REGION
4	Federal Government	\$1,732,115	Velie, Ellen	NATL CANCER INSTITUTE -NIH/PHS	EPIDEMIOLOGY AND BIOSTATISTICS	Revision	Research	8/6/2010 7/31/2013	LIFE COURSE ENERGY BALANCE AND BREAST CANCER RISK IN BLACK/WHITE WOMEN UNDER 50
5	Federal Government	\$1,695,671	Isaacs, Rufus	US DEPT AGRICULTURE	ENTOMOLOGY AGRICULTURE AND NATURAL RES	Revision	Research	9/1/2012 8/31/2013	DEVELOPING SUSTAINABLE POLLINATION STRATEGIES FOR U.S. SPECIALTY CROPS
6	Federal Government	\$1,512,458	Iezzoni, Amy	USDA - AGRICULTURE U.S. DEPT. OF - ES	HORTICULTURE MABR	Revision	Research	9/1/2009 8/31/2014	ROSBREED: ENABLING MARKER ASSISTED BREEDING IN ROSACEAE
7	Federal Government	\$1,503,313	Mansfield, Linda	NATL INST OF ALLERGY & INFEC DIS -NIH	LARGE ANIMAL CLINICAL SCIENCES	Revision	Research	8/1/2012 7/31/2013	ERIN CRC: HOST-MICROBIOTA-PATHOGEN INTERACTIONS GOVERN ENTERIC HEALTH AND DISEASE
8	Federal Government	\$1,500,000	Mitra, Joydeep	ENERGY US DEPT OF	ELECTRICAL AND COMPUTER ENGINEERING	New	Research	10/1/2012 9/30/2014	A LYAPUNOV FUNCTION-BASED REMEDIAL ACTION SCREENING TOOL USING REAL-TIME DATA
9	Federal Government	\$1,446,352	Dembele, Niama	AGENCY FOR INTERNATL DEVELOPMENT	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	New	Research	12/1/2008 9/30/2013	FOOD SECURITY III - STRENGTHENING MALI'S CAPACITY TO IMPLEMENT FOOD SECURITY POLICY
10	Federal Government	\$1,142,463	Collier, Timothy	NATL INST OF HEALTH - NIH/PHS	TRANSLATION SCIENCE & MOLECULAR MED	Revision	Research	8/1/2012 7/31/2013	AGING AND PARKINSON'S DISEASE: MODELS OF THERAPEUTICS AND NEUROLOGIC CO MORBIDITY
		\$64,552,758							

**Gift, Grant and Contract Report
Board Of Trustees
December 2012**

	Amount	Donor	Director	Unit	Purpose
COLLEGE OF AGRICULTURE & NATURAL RESOURCES					
1	\$9,500	MICH TURFGRASS FOUNDATION	Nikolai, Thomas	AGRICULTURAL TECHNOLOGY INSTITUTE	TURFGRASS RESEARCH
2	\$8,500	PETRO-CANADA	Nikolai, Thomas	AGRICULTURAL TECHNOLOGY INSTITUTE	GOLF TURF GRASS MANAGEMENT.
3	\$30,000	TORO COMPANY	Nikolai, Thomas	AGRICULTURAL TECHNOLOGY INSTITUTE	GOLF TURFGRASS MANAGEMENT.
4	\$352,016	AGENCY FOR INTERNATL DEVELOPMENT	Boughton, Duncan	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	IMPACT EVALUATION AND STRENGTHENING LOCAL CAPACITY TO MONITOR AND EVALUATE FOOD SECURITY PROGRAMS IN CAMBODIA
5	\$1,446,352	AGENCY FOR INTERNATL DEVELOPMENT	Dembele, Niama	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	FOOD SECURITY III - STRENGTHENING MALI'S CAPACITY TO IMPLEMENT FOOD SECURITY POLICY
6	\$334,427	ECONOMIC AND SOCIAL RESEARCH COUNCIL	Dillon, Andrew	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	MALARIA PRODUCTIVITY, AND ACCESS IN TREATMENT: EXPERIMENTAL EVIDENCE FROM NIGERIA
7	\$100,000	AGENCY FOR INTERNATL DEVELOPMENT	Haggblade, Steven	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	IMPROVING FOOD SECURITY RESEARCH AND ANALYSIS CAPACITY IN BURMA
8	\$33,347	IRAM INSTITUT DE RECHERCHE ET D'APPLICATIONS DES METHODES DE DEVELOPPEMENT	Staatz, John	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	SUPPORT TO ECOWAS CAADP PROGRAM
9	\$24,982	NATL INST OF STANDARDS & TECHNOLOGY	Thompson, Paul	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	TOWARD STANDARDS-LITERATE CITIZENS: CURRICULAR MATERIALS AND EDUCATIONAL STRATEGIES
10	\$200,000	AGENCY FOR INTERNATL DEVELOPMENT	Tschirley, David	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	STRENGTHENING AGRICULTURE, FOOD SECURITY AND NUTRITION POLICY IN MOZAMBIQUE
11	\$159,130	COLORADO STATE UNIV	Joshi, Nanda	ANIMAL SCIENCE DEPARTMENT - ANR	IMPROVING NUTRITION AND PRODUCTIVITY OF BUFFALOES TO ADAPT TO THE IMPACTS OF CLIMATE CHANGE IN NEPAL
12	\$249,656	CARDNO ENTRIX	Zwiernik, Matthew	ANIMAL SCIENCE DEPARTMENT - ANR	AVIAN EGG TISSUE AND HATCHING STUDY
13	\$25,515	HERRICK FOUNDATION	Go, Aluel	BIOSYSTEMS & AGRICULTURAL ENGINEERING	COMPARATIVE TECHNO-ECONOMIC ANALYSIS OF TWO SOLAR THERMAL SYSTEMS IN MICHIGAN: NOVEL FLAT PLATES VS. ESTABLISHED EVACUATED TUBES

**Gift, Grant and Contract Report
Board Of Trustees
December 2012**

	Amount	Donor	Director	Unit	Purpose
14	\$321,667	USDA - NATURAL RESOURCES CONSERVATION SERVICE	Harrigan, Timothy	BIOSYSTEMS & AGRICULTURAL ENGINEERING	RECLAIMING SOIL HEALTH AND THE NATURAL PRODUCTIVITY OF CROP LAND
15	\$117,476	USDA - NATURAL RESOURCES CONSERVATION SERVICE	Kirk, Dana	BIOSYSTEMS & AGRICULTURAL ENGINEERING	HYBRID BIOENERGY PRODUCTION SYSTEM
16	\$66,660	MICHIGAN DEPARTMENT OF AGRICULTURE	Reinhold, Dawn	BIOSYSTEMS & AGRICULTURAL ENGINEERING	DEVELOPMENT OF POPLAR PLANTATIONS FOR SPECIALTY CROP PROCESSING WASTEWATERS
17	\$16,438	DETROIT EDISON CO	Surbrook, Truman	BIOSYSTEMS & AGRICULTURAL ENGINEERING	MICHIGAN AG ELECTRIC COUCIL
18	\$16,438	MICH ELECTRIC COOPERATIVE ASSOC	Surbrook, Truman	BIOSYSTEMS & AGRICULTURAL ENGINEERING	MICHIGAN AG ELECTRIC COUNCIL
19	\$189,376	ENVIRONMENTAL PROTECTION AGENCY	Bartholic, Jon	COMMUNITY, AG, RECREATION & RES STUDIES	FOCUSED PRACTICE APPLICATION TO REDUCE SOLUBLE REACTIVE PHOSPHORUS
20	\$186,542	DEVELOPMENT ALTERNATIVES INC	Clay, Daniel	COMMUNITY, AG, RECREATION & RES STUDIES	MALAWI - INTEGRATING NUTRITION IN VALUE CHAINS (INVC)
21	\$323,000	US DEPT AGRICULTURE	Cui, Yue	COMMUNITY, AG, RECREATION & RES STUDIES	GIS BASED MANAGEMENT TOOLS FOR INVENTORING AND ASSESSING RISKS TO NATURAL RESOURCES AND CAPITAL ASSETS
22	\$71,460	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Kerr, John	COMMUNITY, AG, RECREATION & RES STUDIES	CONSUMERS' DECISIONS ABOUT TRADEOFFS BETWEEN FOOD SAFETY AND QUALITY: AN EXPERIMENTAL AUCTION ANALYSIS OF ARTISANAL CHEESE
23	\$131,000	US DEPT AGRICULTURE	Mahoney, Edward	COMMUNITY, AG, RECREATION & RES STUDIES	USDA'S NATIONAL FARMERS MARKET DIRECTORY -- 2012 UPDATE
24	\$48,923	OAKLAND COUNTY	McCole, Daniel	COMMUNITY, AG, RECREATION & RES STUDIES	OAKLAND COUNTY UNIVERSITY PROJECT PARTNER FOR PARKS INITIATIVES
25	\$36,563	OAKLAND COUNTY	McCole, Daniel	COMMUNITY, AG, RECREATION & RES STUDIES	OAKLAND COUNTY UNIVERSITY PROJECT PARTNER FOR PARKS INITIATIVES
26	\$450,000	KRESGE FOUNDATION	Pirog, Richard	COMMUNITY, AG, RECREATION & RES STUDIES	MICHIGAN STATEWIDE FOOD HUB NETWORK

**Gift, Grant and Contract Report
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	Amount	Donor	Director	Unit	Purpose
27	\$70,395	MICHIGAN DEPARTMENT OF EDUCATION	Showerman, Randy	COMMUNITY, AG, RECREATION & RES STUDIES	2012-2013 CAREER AND TECHNICAL TEACHER EDUCATION PROGRAM IMPROVEMENT
28	\$74,567	MICHIGAN FITNESS FOUNDATION	Vogt, Christine	COMMUNITY, AG, RECREATION & RES STUDIES	SAFE ROUTES TO SCHOOL - CONTINUATION OF EVALUATION SERVICES
29	\$75,000	MICHIGAN DEPARTMENT OF EDUCATION	Wyrick, David	COMMUNITY, AG, RECREATION & RES STUDIES	CAREER & TECHNICAL STUDENT ORGANIZATIONS: MICHIGAN FFA GRANT APPLICATION
30	\$10,000	MICH TURFGRASS FOUNDATION	Merewitz, Emily	CROP AND SOIL SCIENCES	SPORTS AND COMMERCIAL TURF MANAGEMENT.
31	\$33,800	MICH SOYBEAN PROMOTION COMMITTEE	Sticklen, Masomeh	CROP AND SOIL SCIENCES	GENOTYPE-INDEPENDANT GENETIC TRANSFORMATION OF SOYBEAN FOR DEVELOPMENT OF CYST NEMATODE, SUDDEN DEATH SYNDROME, AND LIBERTY HERBICIDE RESISTANCE
32	\$8,000	BAYER CROPSCIENCE SA-NV	Bird, George	ENTOMOLOGY AGRICULTURE AND NATURAL RES	GW BIRD NEMATOLOGY LABORATORY
33	\$12,000	PASTEURIA BIOSCIENCE, INC.	Bird, George	ENTOMOLOGY AGRICULTURE AND NATURAL RES	PASTEURIA EVALUATION
34	\$18,000	ISCA TECHNOLOGIES INC	Gut, Larry	ENTOMOLOGY AGRICULTURE AND NATURAL RES	NOVEL DISRUPTION FORMULATIONS
35	\$15,000	ISCA TECHNOLOGIES INC	Gut, Larry	ENTOMOLOGY AGRICULTURE AND NATURAL RES	EVALUATING SPLAT PHEROMONE FORMULATIONS
36	\$59,897	MICHIGAN DEPARTMENT OF AGRICULTURE	Gut, Larry	ENTOMOLOGY AGRICULTURE AND NATURAL RES	REDUCING THE IMPACT OF BROWN MARMORATED STINK BUG ON MICHIGAN FRUIT
37	\$15,000	SHIN-ETSU CHEMICAL CO., LTD.	Gut, Larry	ENTOMOLOGY AGRICULTURE AND NATURAL RES	PERFORMANCE OF BELLATRIX AE, PERFORMANCE OF ISOMATE CM FLEX DISPENSERS
38	\$1,891,412	US DEPT AGRICULTURE	Hollingworth, Robert	ENTOMOLOGY AGRICULTURE AND NATURAL RES	INTERREGIONAL RESEARCH PROJECT NO. 4 MINOR CROP PEST MANAGEMENT FOR THE NORTH CENTRAL REGION
39	\$12,820	GEORGIA UNIVERSITY OF	Huang, Zachary	ENTOMOLOGY AGRICULTURE AND NATURAL RES	SUSTAINABLE SOLUTIONS TO PROBLEMS AFFECTING HEALTH OF MANAGED BEES

**Gift, Grant and Contract Report
Board Of Trustees
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	Amount	Donor	Director	Unit	Purpose
40	\$10,000	PROJECT APIS M	Huang, Zachary	ENTOMOLOGY AGRICULTURE AND NATURAL RES	AMINO ACID PROFILES OF HONEY BEE PLANT POLLEN FROM CALIFORNIA AND NORTH DAKOTA
41	\$48,588	ENVIRONMENTAL PROTECTION AGENCY	Isaacs, Rufus	ENTOMOLOGY AGRICULTURE AND NATURAL RES	RAPID RESPONSE TO THE SPOTTED WING DROSOPHILA THREAT TO MIDWEST BERRY CROPS
42	\$1,695,671	US DEPT AGRICULTURE	Isaacs, Rufus	ENTOMOLOGY AGRICULTURE AND NATURAL RES	DEVELOPING SUSTAINABLE POLLINATION STRATEGIES FOR U.S. SPECIALTY CROPS
43	\$30,000	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Landis, Douglas	ENTOMOLOGY AGRICULTURE AND NATURAL RES	SPOTTED KNAPWEED BIOLOGICAL CONTROL MONITORING AND SEEDING
44	\$88,852	USDA - FOREIGN AG SER	Maredia, Karimbhai	ENTOMOLOGY AGRICULTURE AND NATURAL RES	2012 AGRICULTURAL BIOTECHNOLOGY SHORT COURSE, SEPTEMBER 9-21, 2012 FOR PARTICIPANTS FROM LATIN AMERICA.
45	\$19,514	USDA - FOREIGN AG SER	Maredia, Karimbhai	ENTOMOLOGY AGRICULTURE AND NATURAL RES	2012 BIOSAFETY SHORT COURSE, AUGUST 5-10, 2012 FOR PARTICIPANTS FROM ALGERIA AND INDONESIA.
46	\$19,404	USDA - FOREIGN AG SER	Maredia, Karimbhai	ENTOMOLOGY AGRICULTURE AND NATURAL RES	ANIMAL AGRICULTURE SHORT COURSE, AUGUST 11-18, 2012. PARTICIPANTS FROM MALAYSIA.
47	\$11,642	USDA - FOREIGN AG SER	Maredia, Karimbhai	ENTOMOLOGY AGRICULTURE AND NATURAL RES	BIOFUELS/BIOENERGY
48	\$10,807	USDA - FOREIGN AG SER	Maredia, Karimbhai	ENTOMOLOGY AGRICULTURE AND NATURAL RES	EGYPT BIOSAFETY EMP AND MICHIGAN STATE BIOTECHNOLOGY SHORT COURSES
49	\$9,786	USDA - FOREIGN AG SER	Maredia, Karimbhai	ENTOMOLOGY AGRICULTURE AND NATURAL RES	2012 SCIENCE AND TECHNOLOGY COMMUNICATION SHORT COURSE, AUGUST 11 -18, 2012. PARTICIPANT FROM MALAYSIA.
50	\$22,135	PURDUE UNIV	McCullough, Deborah	ENTOMOLOGY AGRICULTURE AND NATURAL RES	EAB UNIVERSITY: USING WEB-BASED SEMINARS COOPERATIVELY TO PROVIDE INFORMATION ABOUT EAB AND OTHER INVASIVE FOREST HEALTH ISSUES TO TARGETED AUDIENCES
51	\$35,500	BAYER CROPS SCIENCE SA-NV	Smitley, David	ENTOMOLOGY AGRICULTURE AND NATURAL RES	TURF AND LANDSCAPE PEST MANAGEMENT
52	\$8,300	HILL JOSEPH H MEMORIAL FOUND	Smitley, David	ENTOMOLOGY AGRICULTURE AND NATURAL RES	INTERNATIONAL CUT FLOWER GROWERS

**Gift, Grant and Contract Report
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	Amount	Donor	Director	Unit	Purpose
53	\$9,500	MICH TURFGRASS FOUNDATION	Smitley, David	ENTOMOLOGY AGRICULTURE AND NATURAL RES	BIOLOGICAL CONTROL OF JAPANESE BEETLE
54	\$24,000	E. I. DU PONT DE NEMOURS & COMPANY	Szendrei, Zsofia	ENTOMOLOGY AGRICULTURE AND NATURAL RES	INVESTIGATIONS OF CORAGEN EFFICACY IN VEGETABLES
55	\$10,500	LEHIGH AGRI & BIOLOGICAL SERVICES INC.	Szendrei, Zsofia	ENTOMOLOGY AGRICULTURE AND NATURAL RES	PRODUCT TESTING IN POTATOES
56	\$17,820	CHERRY MARKETING INSTITUTE	Tuell, Julianna	ENTOMOLOGY AGRICULTURE AND NATURAL RES	TREE FRUIT INTEGRATOR POSITION
57	\$177,222	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Abdel-Kariem, Mohammed	FISHERIES & WILDLIFE	DEVELOPMENT AND IMPLEMENTATION OF A FISH HEALTH INITIATIVE FOR MICHIGAN INLAND AND GREAT LAKES FISHERIES
58	\$81,471	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Bence, James	FISHERIES & WILDLIFE	IMPROVING FISHERY STOCK ASSESSMENTS IN THE GREAT LAKES
59	\$16,578	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Bence, James	FISHERIES & WILDLIFE	QUANTITATIVE SUPPORT FOR INTER-JURISDICTIONAL FISHERIES MANAGEMENT ON THE GREAT LAKES.
60	\$85,764	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Bremigan, Mary	FISHERIES & WILDLIFE	DEVELOPMENT OF LAKE SPATIAL INFORMATION AND TOOLS FOR AQUATIC LIFE CONSERVATION
61	\$20,999	US DEPT AGRICULTURE	Campa, Henry	FISHERIES & WILDLIFE	ESTIMATE DAILY UPTAKE OF PROPOSED BOVINE TUBERCULOSIS VACCINE-DELIVERY BAIT USING VIDEO SURVEILLANCE OF MARKED FREE-RANGING WHITE-TAILED DEER IN MICHIGAN
62	\$73,432	NATL FISH & WILDLIFE FOUNDATION	Catalano, Matthew	FISHERIES & WILDLIFE	AN INNOVATIVE APPROACH TO STAKEHOLDER-CENTERED MANAGEMENT DECISIONS FOR LAKE ERIE YELLOW PERCH FISHERIES
63	\$102,292	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Hayes, Daniel	FISHERIES & WILDLIFE	WALLEYE DYNAMICS IN MICHIGAN'S INLAND WATERWAY: THE BURT-MULLETT-PICKEREL-CROOKED LAKE SYSTEM
64	\$18,400	US FISH & WILDLIFE SERVICE	Infante, Dana	FISHERIES & WILDLIFE	VULNERABILITY ASSESSMENT OF HAWAIIAN STREAMS TO CHANGING FLOW REGIMES: A STATE-WIDE DECISION SUPPORT TOOL FOR HABITAT RESTORATION.
65	\$13,000	US GEOLOGICAL SURVEY	Infante, Dana	FISHERIES & WILDLIFE	BRINGING PEOPLE, DATA, AND MODELS TOGETHER – ADDRESSING IMPACTS OF CLIMATE CHANGE ON STREAM TEMPERATURE

**Gift, Grant and Contract Report
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	Amount	Donor	Director	Unit	Purpose
66	\$8,000	USDA - FOREST SERVICE	Infante, Dana	FISHERIES & WILDLIFE	IMPACTS OF DECREASE STREAM FLOW ON NATIVE SHRIMP POPULATIONS (ATYOIDA DISULCATA) IN HAWAIIAN STREAMS
67	\$72,704	GREAT LAKES FISHERY COMMISSION	Li, Weiming	FISHERIES & WILDLIFE	BEHAVIORAL AND CHEMICAL INVESTIGATIONS OF LAKE TROUT PHEROMONES
68	\$30,000	NATL AERONAUTICS AND SPACE ADM	Liu, Jianguo	FISHERIES & WILDLIFE	SPATIO-TEMPORAL DYNAMICS OF ANIMAL HABITAT SELECTION ACROSS A COUPLED HUMAN AND NATURAL SYSTEM
69	\$29,192	UNIVERSITY OF SCRANTON	Owen, Jennifer	FISHERIES & WILDLIFE	HABITAT USE BY SPRING MIGRATING LANDBIRDS WITHIN THE GREAT LAKES BASIN WITH SPECIAL EMPHASIS ON SHORELINE HABITATS
70	\$27,582	USDA - FOREST SERVICE	Riley, Shawn	FISHERIES & WILDLIFE	KINZUA QUALITY DEER COOPERATIVE: DID IT ACHIEVE SUSTAINABLE GOVERNANCE OF COMMON RESOURCES AND HUNTER ENGAGEMENT?
71	\$57,447	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Roloff, Gary	FISHERIES & WILDLIFE	FACTORS INFLUENCING SNOWSHOE HARE OCCUPANCY AND ABUNDANCE
72	\$29,264	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Roloff, Gary	FISHERIES & WILDLIFE	EFFECTIVENESS OF RESIDUAL STRUCTURE RETENTION IN CLEARCUT HARVEST UNITS FOR CONSERVING BIODIVERSITY AND WILDLIFE HABITAT
73	\$15,000	NATL COUNCIL OF PAPER IND FOR AIR & STR	Roloff, Gary	FISHERIES & WILDLIFE	FOREST MANAGEMENT AND WESTERN GRAY SQUIRRELS
74	\$99,986	NATL SCIENCE FOUNDATION	Rose, Joan	FISHERIES & WILDLIFE	QUANTITATIVE MICROBIAL RISK ASSESSMENT INNOVATION INSTITUTE (QMRA II)
75	\$13,600	WISCONSIN DEPT. OF NATURAL RESOURCES	Scribner, Kim	FISHERIES & WILDLIFE	ASSESSMENT OF LAKE STURGEON RESTORATION EFFORTS IN GREEN BAY
76	\$249,999	US GEOLOGICAL SURVEY	Taylor, William	FISHERIES & WILDLIFE	DEVELOPING NEW STRATEGIES FOR THE GLOBAL ASSESSMENT OF INLAND FISHERIES AND PREDICTING THE RESPONSE OF INLAND FISHERIES TO REGIONAL CLIMATE CHANGE
77	\$39,000	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Winterstein, Scott	FISHERIES & WILDLIFE	DISTRIBUTION AND ABUNDANCE OF DIVING DUCKS ON LAKE ST. CLAIR, DETROIT RIVER, AND WESTERN LAKE ERIE
78	\$6,836	CHELSEA MILLING CO	Harte, Janice	FOOD SCIENCE & HUM NUTRITION ANR	MSU DIFFERENCE TESTING FOR CHELSEA MILLING

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79	\$7,058	GUELPH UNIVERSITY OF	Siddiq, Muhammad	FOOD SCIENCE & HUM NUTRITION ANR	BEAN CANNING TESTING FOR ONTARIO PULSE CROP GROUP
80	\$58,330	NESTLE USA	Song, Won	FOOD SCIENCE & HUM NUTRITION ANR	MEAL AND SNACK PATTERNS ASSOCIATED WITH ADIPOSITIVITY: NHANES 2007-8
81	\$20,100	THE NUTRO COMPANY	Strasburg, Gale	FOOD SCIENCE & HUM NUTRITION ANR	ANALYSIS OF CHICKEN MEAT DRIED BY LOW AND HIGH HEAT
82	\$105,000	USDA - FOREST SERVICE	Chhin, Sphan	FORESTRY	PORTABLE FIELD-BASED APPLICATION OF NON-DESTRUCTIVE TECHNOLOGIES FOR RAPID, EARLY DETECTION OF EMERALD ASH BORER
83	\$25,000	CORNELL UNIV	Miller, Raymond	FORESTRY	GENETIC IMPROVEMENT FOR YIELD AND ESTABLISHMENT OF SHORT ROTATION WOODY BIOMASS CROPS ON MARGINAL LANDS
84	\$50,000	MICHIGAN ECONOMIC DEVELOPMENT CORP	Biernbaum, John	HORTICULTURE - ANR	PASSIVE SOLAR SYSTEMS TECHNICAL ASSISTANCE FOR YEAR-ROUND FARMING IN MICHIGAN
85	\$12,630	MONSANTO COMPANY	Goldy, Ronald	HORTICULTURE - ANR	PICKLING CUCUMBERS
86	\$8,300	PICKLE PACKERS INTERNATL INC	Grumet, Rebecca	HORTICULTURE - ANR	CUCUMBER FRUIT RESISTANCE TO PHYTOPHTHORA CAPSICI: GENETIC SCREENING OF THE PLANT INTRODUCTION COLLECTION AND BIOCHEMICAL CHARACTERIZATION OF CUCUMBER PEEL PROPERTIES ASSOCIATED WITH AGE-RELATED RESISTANCE.
87	\$50,000	ABBOTT LABORATORIES	Hotchkiss, Joseph	PACKAGING	EXTENSION OF PROBIOTIC SHELF LIFE
88	\$23,800	BAYER CROPS SCIENCE SA-NV	Chilvers, Martin	PLANT PATHOLOGY ANR	SOYBEAN SUDDEN DEATH SYNDROME RESEARCH.
89	\$52,994	USDA - AGRICULTURE U.S. DEPT. OF - ES	Chilvers, Martin	PLANT PATHOLOGY ANR	EXPRESSION PROFILING OF THE PEAL SCLEROTINIA SCLEROTIORUM INTERACTION FOR GENOMICS ASSISTED BREEDING.
90	\$222,456	VIRGINIA TECHNOLOGY	Chilvers, Martin	PLANT PATHOLOGY ANR	INTEGRATED MANAGEMENT OF OOMYCETE DISEASES OF SOYBEAN AND OTHER CROP PLANTS
91	\$8,000	WISCONSIN UNIV OF	Chilvers, Martin	PLANT PATHOLOGY ANR	IMPROVED MANAGEMENT OF SCLEROTINIA STEM ROT IN THE NORTH CENTRAL REGION
92	\$707,908	NATL SCIENCE FOUNDATION	Day, Robert	PLANT PATHOLOGY ANR	NDR1: A POINT OF CONVERGENCE IN STRESS AND PATHOGEN SIGNALING IN ARABIDOPSIS THALIANA

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93	\$15,892	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.
94	\$10,000	BECKER UNDERWOOD INC	Kirk, William	PLANT PATHOLOGY ANR	MANAGEMENT OF SOIL, SEED & FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
95	\$10,113	DUPONT CROP PROTECTION	Kirk, William	PLANT PATHOLOGY ANR	MANAGEMENT OF SOIL, SEED & FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
96	\$6,000	FMC CORPORATION	Kirk, William	PLANT PATHOLOGY ANR	MANAGEMENT OF SOIL, SEED & FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
97	\$8,000	ISK BIOSCIENCES	Kirk, William	PLANT PATHOLOGY ANR	MANAGEMENT OF SOIL, SEED AND FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
98	\$15,000	MICH SUGAR CO	Kirk, William	PLANT PATHOLOGY ANR	FUNGICIDE SENSITIVITY ISSUES FOR CERCOSPORA AND ALTERNARIA LEAF SPOT OF SUGARBEET AND ALTERNATIVES FOR CONTROL.
99	\$8,400	SYNGENTA CROP PROTECTION INC	Kirk, William	PLANT PATHOLOGY ANR	MANAGEMENT OF SOIL, SEED & FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
100	\$6,000	GOWAN COMPANY	Schilder, Annemiek	PLANT PATHOLOGY ANR	EPIDEMIOLOGY AND INTEGRATED MANAGEMENT OF SMALL FRUIT DISEASES.
101	\$39,631	MICHIGAN DEPARTMENT OF AGRICULTURE	Schilder, Annemiek	PLANT PATHOLOGY ANR	ENHANCING THE SUSTAINABILITY OF SMALL FRUIT CROPS IN MICHIGAN BY OPTIMIZING FUNGICIDE APPLICATIONS.
102	\$18,000	BASF CORPORATION	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURF GRASS DISEASES.
103	\$5,500	BASF CORPORATION	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURF GRASS DISEASE.
104	\$16,000	BAYER CROPS SCIENCE SA-NV	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURF GRASS DISEASE.
105	\$11,200	BAYER CROPS SCIENCE SA-NV	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURFGRASS DISEASES.
106	\$5,400	ISK BIOSCIENCES	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURF GRASS DISEASES.
107	\$9,500	MICH TURFGRASS FOUNDATION	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURF GRASS DISEASES.
108	\$17,000	SIPCAM AGRO USA INC	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURF GRASS DISEASES.
109	\$41,525	SYNGENTA CROP PROTECTION INC	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURF GRASS DISEASES.

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110	\$23,500	ENOVIO, LLC	Abdelhamid, Tariq	SCHOOL OF PLANNING,DES,CONSTRUCTION-ANR	LEAN CONSTRUCTION COMPETENCY FRAMEWORK
COLLEGE OF ARTS AND LETTERS					
111	\$90,532	EDUCATION U.S. DEPT OF	Ngonyani, Deograti	LINGUISTICS,GERM,SLAVIC,ASIAN,AFR LANG	INTENSIVE ADVANCED KISWAHILI IN TANZANIA
112	\$189,635	NATL ENDOWMENT FOR THE HUMANITIES	Gifford, Frederick	PHILOSOPHY	DEVELOPMENT ETHICS: QUESTIONS, CHALLENGES AND RESPONSIBILITIES
ARTS & HUMANITIES, RESIDENTIAL COLLEGE IN					
113	\$13,481	MICHIGAN HUMANITIES COUNCIL	Skeen, Anita	RESIDENTIAL COLLEGE ARTS & HUMAN DEAN	HEARING VOICES: THE ART AND APPLICATION OF STORY AND STORYTELLING
ELI BROAD COLLEGE OF BUSINESS					
114	\$1,085,570	NATL SCIENCE FOUNDATION	Hollenbeck, John	ELI BROAD COLLEGE OF BUSINESS DEAN	FORMAL AND INFORMAL BOUNDARY SPANNING IN MULTITEAM SYSTEMS: AN EXAMINATION OF TRIADIC INFLUENCES ON KNOWLEDGE GENERATION AND INNOVATION IN SCIENTIFIC TEAMS
115	\$179,275	EDUCATION U.S. DEPT OF	Hult, Tomas	INTERNATIONAL BUSINESS CENTER	MSU-CIBER: KNOWLEDGE DEVELOPMENT, DEPLOYMENT, & CULTURAL COMPETITIVENESS: LEADING ON SUSTAINABLE GLOBAL VALUE CHAINS
COLLEGE OF COMMUNICATION ARTS AND SCIENCES					
116	\$10,000	MARKETING SCIENCE INSTITUTE	Li, Hairong	ADVERTISING, PUBLIC RELATIONS, RETAILING	BUILDING A SOCIAL MEDIA PLATFORM FOR USABLE RESEARCH SHARING
117	\$14,216	CORNELL UNIV	McAlister, Anna	ADVERTISING, PUBLIC RELATIONS, RETAILING	SALIENCE AND UNDERSTANDING OF SCHOOL LUNCH INTERVENTIONS INVOLVING PRE-COMMITMENT TO PURCHASE DECISIONS
118	\$86,570	SRI INTERNATL	Richards, Jeffrey	ADVERTISING, PUBLIC RELATIONS, RETAILING	SCIENCE AND TECHNOLOGY: PUBLIC ATTITUDES AND UNDERSTANDING
119	\$175,965	JUSTICE US DEPT OF	Levine, Timothy	COMMUNICATION	AN EXPERIMENTAL EXAMINATION OF THE EFFECTS OF EXPERT INTERROGATION ON DECEPTION DETECTION AND CONFESSION RATES
120	\$303,855	NATL SCIENCE FOUNDATION	Miller, Vernon	COMMUNICATION	STRUCTURAL, CLIMATE, AND COMMUNICATION DYNAMICS OF INNOVATIVE INTER-ORGANIZATIONAL PROJECT TEAMS
121	\$18,492	INDIANA UNIV	Dilley, Laura	COMMUNICATIVE SCIENCES & DISORDERS - CAS	DEVELOPMENT OF ATTENTION TO MATERNAL SPEECH IN INFANTS WITH HEARING LOSS

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122	\$228,116	NATL INST OF HEALTH - NIH/PHS	Shrivastav, Mini	COMMUNICATIVE SCIENCES & DISORDERS - CAS	EFFECT OF AGE AND HEARING LOSS ON SPECTRAL INTEGRATION AND SPEECH IDENTIFICATION
123	\$87,782	NATL INST OF HEALTH - NIH/PHS	Shrivastav, Rahul	COMMUNICATIVE SCIENCES & DISORDERS - CAS	A PSYCHOACOUSTIC APPROACH TO DYSPHONIC VOICE QUALITY PERCEPTION
124	\$486,093	NATL SCIENCE FOUNDATION	Rader, Emilee	TELECOM, INFORMATION STUDIES & MEDIA	III: SMALL: IDENTIFYING SECOND-ORDER EFFECTS OF ALGORITHMIC CURATION
COLLEGE OF EDUCATION					
125	\$27,447	MI DEPT COMMUNITY HEALTH	Carlson, John	COUNSELING, EDUC PSYCH & SPEC EDUC	WRAPAROUND EVALUATION PROJECT 2011-2012
126	\$69,091	VANDERBILT UNIVERSITY	Frank, Kenneth	COUNSELING, EDUC PSYCH & SPEC EDUC	INVESTIGATING AND SUPPORTING THE DEVELOPMENT OF AMBITIOUS AND EQUITABLE MATHEMATICS INSTRUCTION AT SCALE
127	\$41,925	WISCONSIN UNIV OF	Frank, Kenneth	COUNSELING, EDUC PSYCH & SPEC EDUC	MEASURING COMPLEX STEM THINKING USING EPISTEMIC NETWORK ANALYSIS
128	\$219,040	MI DEPT OF HUMAN SERVICES	Leahy, Michael	COUNSELING, EDUC PSYCH & SPEC EDUC	PROJECT EXCELLENCE 2012-13
129	\$99,054	WISCONSIN UNIV OF	Leahy, Michael	COUNSELING, EDUC PSYCH & SPEC EDUC	CENTER ON EFFECTIVE VOCATIONAL REHABILITATION SERVICE DELIVERY PRACTICES
130	\$45,295	AZIM PREMJI FOUNDATION	Mishra, Punyashloke	COUNSELING, EDUC PSYCH & SPEC EDUC	STATEMENT OF WORK FOR PROPOSED CONTRACT WITH AZIM PREMJI FOUNDATION
131	\$45,331	SALUS UNIVERSITY	Pagliaro, Claudia	COUNSELING, EDUC PSYCH & SPEC EDUC	NATIONAL LEADERSHIP CONSORTIUM IN SENSORY DISABILITIES FELLOWSHIP FOR MICHELLA MAIORANA
132	\$130,000	NATL OFF OF CHINESE LANGUAGE CONCL INTL - HAN BAN	Prawat, Richard	COUNSELING, EDUC PSYCH & SPEC EDUC	ESTABLISHMENT OF THE TEACHER INSTITUTE FOR TEACHING CHINESE AS A FOREIGN LANGUAGE AT MICHIGAN STATE UNIVERSITY
133	\$1,000,000	GENERAL ELECTRIC FOUNDATION	Schmidt, William	COUNSELING, EDUC PSYCH & SPEC EDUC	COMMON CORE IMPLEMENTATION RESEARCH CENTER
134	\$399,607	EDUCATION U.S. DEPT OF	Troia, Gary	COUNSELING, EDUC PSYCH & SPEC EDUC	ALIGNMENT ACROSS K-12 WRITING STANDARDS, ASSESSMENTS, ACHIEVEMENT, AND POSTSECONDARY EXPECTATIONS: A STATE-BY-STATE ANALYSIS
135	\$645,260	VARIOUS SCHOOLS	Zhao, Yong	COUNSELING, EDUC PSYCH & SPEC EDUC	CONFUCIUS INSTITUTE CHINESE TEACHER CONTRACTS

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136	\$7,000,000	MICH ASSOC OF SCHOOL ADMINISTRATORS	Markle, Barbara	EDUCATION DEAN	COACHING 101 AND SCHOOLWIDE SYSTEM OF SUPPORT - INTERVENTION SPECIALISTS AND DISTRICT IMPROVEMENT FACILITATORS
137	\$189,000	NATL INST OF HEALTH - NIH/PHS	Schneider, Barbara	EDUCATION DEAN	PATHWAYS TO BIOMEDICAL CAREERS: ENHANCING THE HIGH SCHOOL EXPERIENCE
138	\$228,859	UNITED NATIONS	Chudgar, Amita	EDUCATIONAL ADMINISTRATION	STUDY OF TEACHERS FOR CHILDREN MARGINALIZED BY SOCIAL ORIGIN, ECONOMIC STATUS OR LOCATION
139	\$10,020	CRIM FITNESS FOUNDATION	Pfeiffer, Karin	KINESIOLOGY - ED	EVALUATION OF THE EFFECTIVENESS OF THE CRIMFIT YOUTH PROGRAM, YEAR 2
140	\$77,227	VERMONT UNIVERSITY OF	Smith, Alan	KINESIOLOGY - ED	A TRANSLATIONAL APPROACH TO EVALUATING THE EFFECTS OF PHYSICAL ACTIVITY ON ADHD
141	\$30,450	VERMONT UNIVERSITY OF	Smith, Alan	KINESIOLOGY - ED	SUPPLEMENT: A TRANSLATIONAL APPROACH TO EVALUATING THE EFFECTS OF PHYSICAL ACTIVITY ON ADHDACTIVITY ON ADHD
142	\$432,279	COLORADO STATE UNIV	Anderson, Charles	TEACHER EDUCATION	CULTURALLY RELEVANT ECOLOGY; LEARNING PROGRESSIONS AND ENVIRONMENTAL LITERACY
143	\$1,028,677	NATL SCIENCE FOUNDATION	Anderson, Charles	TEACHER EDUCATION	CCE: A LEARNING PROGRESSION-BASED SYSTEM FOR PROMOTING UNDERSTANDING OF CARBON-TRANSFORMING PROCESSES
144	\$16,314	ROCHESTER UNIV OF	Calabrese Barton, Angela	TEACHER EDUCATION	FULL-SCALE DEVELOPMENT: SCIENCE STARS-NURTURING TRANSFORMATIVE SCIENCE IDENTITIES FORURBAN MIDDLE SCHOOL GIRLS THROUGH AN INQUIRY-BASED AFTER-SCHOOL PROGRAM
145	\$27,292	ROCHESTER UNIV OF	Drake, Corey	TEACHER EDUCATION	ERGO: DEVELOPING PRINCIPLES FOR CURRICULUM ERGONOMICS IN THE COMMON CORE ERA
146	\$199,367	MICHIGAN DEPARTMENT OF EDUCATION	Gotwals, Amelia	TEACHER EDUCATION	MSU RESEARCH PLANS ON THE FORMATIVE-ASSESSMENT PRACTICES OF MICHIGAN EDUCATORS, 2012-13
147	\$28,939	IOWA UNIV OF	Schwarz, Christina	TEACHER EDUCATION	MODELING HYDROLOGIC SYSTEMS IN ELEMENTARY SCIENCE (MOHSES)
148	\$91,691	NORTHWESTERN UNIVERSITY	Schwarz, Christina	TEACHER EDUCATION	SUPPORTING SCIENTIFIC PRACTICES IN ELEMENTARY AND MIDDLE SCHOOL CLASSROOMS
149	\$100,127	EDUCATION DEVELOPMENT CENTER INC	Steele, Michael	TEACHER EDUCATION	CHANGING CURRICULUM, CHANGING PRACTICE

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150	\$548,908	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					
151	\$52,036	NATL SCIENCE FOUNDATION	Boehlert, Carl	CHEMICAL ENGINEERING & MATERIALS SCIENCE	MATERIALS WORLD NETWORK: UNDERSTANDING THE MICROSTRUCTURAL EVOLUTION AND DEFORMATION BEHAVIOR IN MG-MN-RE ALLOYS
152	\$20,000	RTI INTERNATIONAL	Boehlert, Carl	CHEMICAL ENGINEERING & MATERIALS SCIENCE	EBSD CHARACTERIZATION TESTS (ONGOING)
153	\$48,122	NATL INST OF HEALTH - NIH/PHS	Chan, Christina	CHEMICAL ENGINEERING & MATERIALS SCIENCE	DEVELOP A DYNAMIC MODEL THAT INCORPORATES TEXT-MINING TO RECONSTRUCT NETWORKS
154	\$364,349	MBI INTERNATL	Dale, Bruce	CHEMICAL ENGINEERING & MATERIALS SCIENCE	PROCESS IMPROVEMENTS TO BIOMASS PRETREATMENT FOR FUELS AND CHEMICALS
155	\$58,848	E3TEC SERVICE, LLC	Kolah, Aspi	CHEMICAL ENGINEERING & MATERIALS SCIENCE	PROCESS INTENSIFICATION BY INTEGRATED REACTION AND DISTILLATION FOR SYNTHESIS OF BIO-RENEWABLE ORGANIC ACID ESTERS
156	\$102,000	BIO ARCHITECTURE LAB, INC.	Miller, Dennis	CHEMICAL ENGINEERING & MATERIALS SCIENCE	PRODUCTION OF FDCA
157	\$30,210	TROY POLYMERS, INC.	Narayan, Ramani	CHEMICAL ENGINEERING & MATERIALS SCIENCE	SBIR PHASE I - POLYOLS DERIVED FROM PROTEINS BIOMASS FOR RIGID POLYURETHANE FOAMS
158	\$231,686	NATL INST OF HEALTH - NIH/PHS	Walton, S. Patrick	CHEMICAL ENGINEERING & MATERIALS SCIENCE	MAXIMIZING SIRNA FUNCTION THROUGH MECHANISM-BASED SEQUENCE AND VEHICLE DESIGN
159	\$52,190	NATL INST OF HEALTH - NIH/PHS	Whitehead, Timothy	CHEMICAL ENGINEERING & MATERIALS SCIENCE	COMPUTATIONAL DESIGN OF BETA-BARREL MEMBRANE PROTEINS
160	\$12,852	FEDERAL HIGHWAY ADMINISTRATION	Baladi, Gilbert	CIVIL & ENVIRONMENTAL ENGINEERING	OPTIMIZATION OF AND MAXIMIZING THE BENEFITS FROM PAVEMENT MANAGEMENT DATA COLLECTION
161	\$250,915	MI TRANSPORTATION	Buch, Neeraj	CIVIL & ENVIRONMENTAL ENGINEERING	PREPARATION FOR IMPLEMENTATION OF THE MECHANISTIC-EMPIRICAL DESIGN GUIDE IN MICHIGAN

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162	\$20,000	MI TRANSPORTATION	Burgueno, Rigoberto	CIVIL & ENVIRONMENTAL ENGINEERING	BRIDGES AND STRUCTURES RESEARCH CENTER ADMINISTRATION
163	\$34,980	MI TRANSPORTATION	Chatti, Karim	CIVIL & ENVIRONMENTAL ENGINEERING	PAVEMENT RESEARCH CENTER OF EXCELLENCE-ADMINISTRATION (PRCE)
164	\$65,292	NATL SCIENCE FOUNDATION	Cupples, Alison	CIVIL & ENVIRONMENTAL ENGINEERING	COLLABORATIVE RESEARCH: STABLE ISOTOPE-BASED DIFFERENTIATION OF VINYL CHLORIDE ASSIMILATORS FROM COMETABOLIZERS IN CONTAMINATED GROUNDWATER
165	\$250,347	NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	Galehouse, Larry	CIVIL & ENVIRONMENTAL ENGINEERING	COMPREHENSIVE NCDOT EQUIPMENT FLEET MANAGEMENT TRAINING PROGRAM
166	\$26,000	AMERICAN CONCRETE PIPE ASSOCIATION	Hashsham, Syed	CIVIL & ENVIRONMENTAL ENGINEERING	TESTING OF CONCRETE SPECIMENS FOR MICROBIAL CORROSION
167	\$600,000	ENVIRONMENTAL PROTECTION AGENCY	Hashsham, Syed	CIVIL & ENVIRONMENTAL ENGINEERING	ENVIRONMENTAL DNA MONITORING FOR HIGH RISK INVASIVE SPECIES
168	\$24,600	CP & Y, INC	Khire, Milind	CIVIL & ENVIRONMENTAL ENGINEERING	GEOCLIMATIC DESIGN OF ALTERNATIVE FINAL COVERS FOR MUNICIPAL SOLID WASTE LANDFILLS IN TEXAS, INITIAL PHASE
169	\$99,453	MI TRANSPORTATION	Khire, Milind	CIVIL & ENVIRONMENTAL ENGINEERING	PREDICTIVE MODELING OF FREEZING AND THAWING OF FROST-SUSCEPTIBLE SOILS
170	\$15,120	MILLIKEN AND COMPANY	Kodur, Venkatesh	CIVIL & ENVIRONMENTAL ENGINEERING	FIRE RESISTANCE TESTS TO EVALUATE THE EFFECTIVENESS OF FIRE INSULATION OF FRP-STRENGTHENED REINFORCED CONCRETE BEAMS
171	\$20,000	PRECAST/PRESTRESSED CONCRETE INSTITUTE	Kodur, Venkatesh	CIVIL & ENVIRONMENTAL ENGINEERING	AN APPROACH FOR PERFORMANCE-BASED FIRE DESIGN OF PRECAST PRESTRESSED CONCRETE HOLLOW-CORE SLABS
172	\$51,740	MICHIGAN UNIVERSITY OF	Mantha, Phanikumar	CIVIL & ENVIRONMENTAL ENGINEERING	MODELING NUTRIENT AND BACTERIAL TRANSPORT IN REGIONAL GREAT LAKES WATERSHEDS USING THE PHYSICALLY-BASED, DISTRIBUTED HYDROLOGIC MODEL PAWS
173	\$35,000	US DEPT AGRICULTURE	Mantha, Phanikumar	CIVIL & ENVIRONMENTAL ENGINEERING	MODELING NEARSHORE BACTERIAL FATE AND TRANSPORT IN THE MANITOWOC RIVER PLUME IN LAKE MICHIGAN

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174	\$25,000	TECHNOVA CORPORATION	Soroushian, Parviz	CIVIL & ENVIRONMENTAL ENGINEERING	CHARACTERIZATION OF PRESSURE-SENSITIVE ADHESIVES
175	\$45,000	INPORE TECHNOLOGIES, INC	Tarabara, Volodymyr	CIVIL & ENVIRONMENTAL ENGINEERING	SBIR PHASE I: POLYMER MESOCOMPOSITE MEMBRANES
176	\$81,363	NATL SCIENCE FOUNDATION	Tarabara, Volodymyr	CIVIL & ENVIRONMENTAL ENGINEERING	COLLABORATIVE RESEARCH: VIRUS REMOVAL IN MEMBRANE BIOREACTORS: ROLE OF VIRUS AGGREGATION AND ADHESION
177	\$52,250	HYUNDAI MOTOR COMPANY	Drzal, Lawrence	COMPOSITE MATERIALS & STRUCTURES CENTER	GRAPHENE NANOPATELET (GNP) POLYMER NANOCOMPOSITES FOR AUTOMOTIVE FUEL LINE AND FUEL TANKS
178	\$66,000	NATL AERONAUTICS AND SPACE ADM	Drzal, Lawrence	COMPOSITE MATERIALS & STRUCTURES CENTER	MULTIFUNCTIONAL GRAPHENE NANOCOMPOSITE FOAMS FOR SPACE APPLICATIONS - FELLOWSHIP FOR DIANDRA ROLLINS
179	\$53,653	NATL INST OF HEALTH - NIH/PHS	Brown, Titus	COMPUTER SCIENCE AND ENGINEERING	ANALYZING NEXT-GENERATION SEQUENCING DATA
180	\$957,000	NATL SCIENCE FOUNDATION	Chai, Joyce	COMPUTER SCIENCE AND ENGINEERING	NRI-SMALL: CONTEXTUALLY GROUNDED COLLABORATIVE DISCOURSE FOR MEDIATING SHARED BASIS IN SITUATED HUMAN ROBOT DIALOGUE
181	\$24,000	NATL SCIENCE FOUNDATION	Dillon, Laura	COMPUTER SCIENCE AND ENGINEERING	GROUP TRAVEL GRANT FOR FACULTY AT COLLEGES AND UNIVERSITIES SERVING MINORITIES AND WOMEN: 212 SOFTWARE ENGINEERING EDUCATORS' SYMPOSIUM
182	\$12,413	FUJITSU LIMITED	Jain, Anil	COMPUTER SCIENCE AND ENGINEERING	RESEARCH GIFT FOR BIOMETRICS RESEARCH
183	\$50,000	MORPHOTRAK	Jain, Anil	COMPUTER SCIENCE AND ENGINEERING	GENERAL RESEARCH GIFT
184	\$50,000	NEC CORPORATION OF AMERICA	Jain, Anil	COMPUTER SCIENCE AND ENGINEERING	RESEARCH GIFT TOWARDS ONGOING BIOMETRIC IDENTIFICATION RESEARCH ACTIVITIES
185	\$60,000	WEST VIRGINIA UNIVERSITY	Jain, Anil	COMPUTER SCIENCE AND ENGINEERING	AUTOMATIC SEGMENTATION OF LATENT FINGERPRINTS
186	\$12,000	STROZ FRIEDBERG LLC	Jin, Rong	COMPUTER SCIENCE AND ENGINEERING	UNRESTRICTED GIFT FOR PIS RESEARCH

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187	\$230,000	NATL SCIENCE FOUNDATION	Xing, Guoliang	COMPUTER SCIENCE AND ENGINEERING	CSR: SMALL: COLLABORATIVE RESEARCH: INTEGRATED CONTROL OF FIDELITY AND REAL-TIME PERFORMANCE IN NETWORKED SENSING SYSTEMS
188	\$35,575	NOKIA	Xing, Guoliang	COMPUTER SCIENCE AND ENGINEERING	GIFT TO SUPPORT EXPLOITING CROSS-PLATFORM INTERFERENCE FOOTPRINTS FOR SMARTPHONE INDOOR LOCALIZATION
189	\$132,320	FRAUNHOFER USA	Asmussen, Jes	ELECTRICAL AND COMPUTER ENGINEERING	FRAUNHOFER RESEARCH CENTER FOR COATING AND LASER APPLICATIONS
190	\$253,983	NATL SCIENCE FOUNDATION	Aviyente, Sara	ELECTRICAL AND COMPUTER ENGINEERING	CIF:SMALL:A SIGNAL PROCESSING APPROACH TO THE ANALYSIS OF TIME-VARYING FUNCTIONAL NETWORKS OF THE BRAIN
191	\$630,999	NATL SCIENCE FOUNDATION	Balasubramaniam, Shanker	ELECTRICAL AND COMPUTER ENGINEERING	AN ADAPTIVE AND ROBUST DISCRETE GEOMETRY BASED HELMHOLTZ SOLVER AND APPLICATIONS TO DEVICE DESIGN
192	\$150,000	DEFENSE ADVANCED RESEARCH PROJECTS AGENC	Chahal, Prem	ELECTRICAL AND COMPUTER ENGINEERING	HETEROGENEOUS INTEGRATION OF NANO-DEVICES FOR THZ CIRCUIT APPLICATIONS
193	\$8,000	NATL SCIENCE FOUNDATION	Chakrabartty, Shantanu	ELECTRICAL AND COMPUTER ENGINEERING	DEVELOPMENT AND EVALUATION OF SELF-POWERED PIEZO-FLOATING-GATE SENSOR CHIPSETS FOR EMBEDDED AND IMPLANTABLE STRUCTURAL HEALTH MONITORING
194	\$133,266	EDUCATION U.S. DEPT OF	Grotjohn, Timothy	ELECTRICAL AND COMPUTER ENGINEERING	BIOMEDICAL SYSTEMS AND DEVICE ENGINEERING
195	\$251,286	NATL INST OF HEALTH - NIH/PHS	McGough, Robert	ELECTRICAL AND COMPUTER ENGINEERING	FAST NUMERICAL MODELING OF MEDICAL ULTRASOUND FOR THERAPY AND IMAGING
196	\$1,500,000	ENERGY US DEPT OF	Mitra, Joydeep	ELECTRICAL AND COMPUTER ENGINEERING	A LYAPUNOV FUNCTION-BASED REMEDIAL ACTION SCREENING TOOL USING REAL-TIME DATA
197	\$240,000	AIR FORCE RESEARCH LABORATORY	Rothwell, Edward	ELECTRICAL AND COMPUTER ENGINEERING	ADVANCED APERTURE RESEARCH, PART 3
198	\$10,000	NATL SCIENCE FOUNDATION	Tan, Xiaobo	ELECTRICAL AND COMPUTER ENGINEERING	RAPID: MONITORING OF GULF OIL SPILL WITH GLIDING ROBOTIC FISH

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199	\$9,024	NATL SCIENCE FOUNDATION	Tan, Xiaobo	ELECTRICAL AND COMPUTER ENGINEERING	CAREER: DEXTEROUS BIOMIMETIC MICROMANIPULATION USING ARTIFICIAL MUSCLES: MODELING; SENSING; AND CONTROL
200	\$50,000	ATOMIC ENERGY CANADA LIMITED	Udpa, Lalita	ELECTRICAL AND COMPUTER ENGINEERING	EVALUATION OF AUTOMATIC ANALYSIS SOFTWARE ON X-PROBE EDDY CURRENT DATA
201	\$95,000	UNIVERSAL TECHNOLOGY CORPORATION	Udpa, Lalita	ELECTRICAL AND COMPUTER ENGINEERING	STATISTICAL ALGORITHMS FOR DATA ANALYSIS IN EM NDE
202	\$100,000	SIASUN ROBOT & AUTOMATION CO., LTD	Xi, Ning	ELECTRICAL AND COMPUTER ENGINEERING	GENERAL RESEARCH GIFT
203	\$10,000	BORG-WARNER CORPORATION	Foss, John	MECHANICAL ENGINEERING	CONSORTIUM MEMBERSHIP - BORG-WARNER
204	\$10,000	CATERPILLAR INC	Foss, John	MECHANICAL ENGINEERING	CONSORTIUM MEMBERSHIP - CATERPILLAR, INC
205	\$10,000	CUMMINS POWER GENERATION	Foss, John	MECHANICAL ENGINEERING	CONSORTIUM MEMBERSHIP - CUMMINS, INC.
206	\$11,138	ETHICON INC	Foss, John	MECHANICAL ENGINEERING	TSFL TESTING
207	\$103,317	ARMY US DEPT OF	Gianaris, Nicholas	MECHANICAL ENGINEERING	ADVANCED COMPOSITE MATERIALS RESEARCH FOR AIR AND GROUND VEHICLES
208	\$500,000	ARMY US DEPT OF	Haq, Mahmoodul	MECHANICAL ENGINEERING	HYBRID BONDING OF DISSIMILAR MATERIAL JOINTS
209	\$250,000	ARMY US DEPT OF	Haq, Mahmoodul	MECHANICAL ENGINEERING	MULTI-MATERIAL JOINING: ADHESIVELY BONDED PI/T-JOINTS
210	\$58,952	COLORADO STATE UNIV	Haut, Roger	MECHANICAL ENGINEERING	A NEW EXPERIMENTAL MODEL OF KNEE JOINT INJURY
211	\$180,244	ENABLING ENERGY SYSTEMS, INC.	Jaberi, Farhad	MECHANICAL ENGINEERING	SPECTRAL LES/FMDF FOR SIMULATION OF TURBULENT COMBUSTION INTERACTION IN HIGH SPEED FLOW ON UNSTRUCTURED GRIDS
212	\$177,181	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Koochesfahani, M	MECHANICAL ENGINEERING	INVESTIGATION OF HIGHLY UNSTEADY AERODYNAMICS OF FLAPPING WINGS WITH/WITHOUT A FLEXIBLE TRAILING EDGE USING HIGH RESOLUTION MTV MEASUREMENTS
213	\$50,000	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Koochesfahani, M	MECHANICAL ENGINEERING	ACQUISITION OF PULSED EXCIMER UV LASER
214	\$85,083	NAVAL RESEARCH US OFFICE OF USDN	Lee, Tonghun	MECHANICAL ENGINEERING	IGNITION AND OXIDATION OF BIO-DERIVED FUTURE NAVY FUELS

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215	\$15,000	MISSISSIPPI UNIV OF	Liu, Dahsin	MECHANICAL ENGINEERING	HIGH STRAIN RATE TESTING
216	\$500,000	ENERGY US DEPT OF	Mueller, Norbert	MECHANICAL ENGINEERING	WAVE DISC ENGINE
217	\$49,838	CARNEGIE MELLON UNIVERSITY	Pence, Thomas	MECHANICAL ENGINEERING	NEW MATHEMATICAL MODELS FOR THE LARGE STRAIN SWELLING RESPONSE OF BIOLOGICAL TISSUES
218	\$44,847	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
219	\$225,000	NATL SCIENCE FOUNDATION	Shaw, Steven	MECHANICAL ENGINEERING	COLLABORATIVE RESEARCH: MEMS FREQUENCY CONVERTERS BASED ON NONLINEAR RESONANCES
220	\$15,000	ARMY US DEPT OF	Tekalur, Srinivasan	MECHANICAL ENGINEERING	BIO-INSPIRED COMPOSITE MATERIALS
221	\$63,264	INNOVATIVE SCIENTIFIC SOLUTIONS, INC.	Toulson, Elisa	MECHANICAL ENGINEERING	DEVELOPMENT AND TESTING OF A TURBULENT JET IGNITION SYSTEM IN AN OPTICALLY ACCESSIBLE RAPID COMPRESSION MACHINE
222	\$150,000	NATL AERONAUTICS AND SPACE ADM	Xiao, Xinran	MECHANICAL ENGINEERING	TESTING AND NUMERICAL SIMULATIONS OF COMPOSITE ENGINE STRUCTURES
223	\$98,400	PLASAN CARBON COMPOSITES	Xiao, Xinran	MECHANICAL ENGINEERING	DEMONSTRATION PROJECT TO VALIDATE CRASH MODEL FOR CARBON FIBER COMPOSITES TO ENABLE PRODUCTION-FEASIBLE COMPOSITES IN PRIMARY-STRUCTURAL AUTOMOTIVE CRASH AND ENERGY MANAGEMENT APPLICATIONS
COLLEGE OF HUMAN MEDICINE					
224	\$170,000	ENERGY US DEPT OF	Sharkey, Thomas	BIOCHEMISTRY & MOLECULAR BIOLOGY CHM	IMPROVED EFFICIENCY OF ENERGY CAPTURE AND CONVERSION BY REGULATING THE INTERACTION BETWEEN ATP SYNTHESIS AND END PRODUCT SYNTHESIS
225	\$1,142,463	NATL INST OF HEALTH - NIH/PHS	Collier, Timothy	CHM WEST MICHIGAN	AGING AND PARKINSON'S DISEASE: MODELS OF THERAPEUTICS AND NEUROLOGIC CO MORBIDITY
226	\$339,420	SAINT MARY'S HEALTH CARE	Dwyer, Jeffrey	CHM WEST MICHIGAN	MSU - ST. MARY'S TRANSLATIONAL HEALTH IN GRAND RAPIDS
227	\$500,000	VAN ANDEL RESEARCH INSTITUTE	Holmes, Denise	CHM WEST MICHIGAN	MSU - VAN ANDEL TRANSLATIONAL HEALTH RESEARCH IN GRAND RAPIDS

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228	\$99,990	AGENCY FOR HEALTHCARE RSCH & QUAL -PHS	Holmes-Rovner, Margaret	CTR FOR ETH & HUMANIT IN THE LIFE SCI	CLINICAL COMMUNICATION FOLLOWING A DECISION AID
229	\$62,500	BOSTON MEDICAL CENTER	Lenski, Madeleine	EPIDEMIOLOGY AND BIOSTATISTICS	NEONATAL BIOMARKERS IN EXTREMITY PRETERM BABIES PREDICT CHILDHOOD BRAIN DISORDERS
230	\$821,898	NATL INST CHILD HEALTH & HUMAN DEV -NIH/PHS	Paneth, Nigel	EPIDEMIOLOGY AND BIOSTATISTICS	MANCS - 6 MONTH FOLLOW ON CONTRACT
231	\$1,732,115	NATL CANCER INSTITUTE -NIH/PHS	Velie, Ellen	EPIDEMIOLOGY AND BIOSTATISTICS	LIFE COURSE ENERGY BALANCE AND BREAST CANCER RISK IN BLACK/WHITE WOMEN UNDER 50
232	\$32,782	U S DEPT OF VETERANS AFFAIRS	Given, Charles	FAMILY MEDICINE, DEPARTMENT OF	WEB BASED SUPPORT FOR CAREGIVERS OF VETERANS UNDERGOING CHEMOTHERAPY
233	\$180,057	AGENCY FOR HEALTHCARE RSCH & QUAL -PHS	Holtrop, Jodi	FAMILY MEDICINE, DEPARTMENT OF	A COMPARISON OF PROVIDER VERSUS HEALTH PLAN DELIVERED CARE MANAGEMENT IN MICHIGAN
234	\$489,019	NATL INST OF HEALTH - NIH/PHS	Holtrop, Jodi	FAMILY MEDICINE, DEPARTMENT OF	IMPLEMENTING SUSTAINABLE DIABETES PREVENTION AND SELF-MANAGEMENT IN PRIMARY CARE
235	\$31,407	REGENTS OF THE UNIVERSITY OF MICHIGAN	Holtrop, Jodi	FAMILY MEDICINE, DEPARTMENT OF	UNIVERSITY OF MICHIGAN INSTITUTE FOR CLINICAL & TRNASLATIONAL SCIENCE AWARD (MICHHR)
236	\$30,292	MI DEPT COMMUNITY HEALTH	Luz, Clare	FAMILY MEDICINE, DEPARTMENT OF	BUILDING TRAINING, BUILDING QUALITY (BTBQ)
237	\$11,300	BOEHRINGER INGELHEIM INC	Wadland, William	FAMILY MEDICINE, DEPARTMENT OF	COORDINATING INVESTIGATOR AGREEMENT (SERVICES TO BIPI TRIAL 204.557) (AMENDMENT 1
238	\$7,000	MICH PUBLIC HEALTH INSTITUTE	Duncan-Jackson, Stacey	HEALTH CARE STUDIES, INSTITUTE FOR CHM	INFANT MORTALITY WEBSITE
239	\$67,281	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	Dmello, Dale	HUMAN MEDICINE DEAN	RECOVERY AFTER THE INITIAL SCHIZOPHRENIA EPISODE (RAISE)
240	\$43,481	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	Dmello, Dale	HUMAN MEDICINE DEAN	RECOVERY AFTER THE INITIAL SCHIZOPHRENIA EPISODE (RAISE)
241	\$34,701	FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH	Dmello, Dale	HUMAN MEDICINE DEAN	RECOVERY AFTER THE INITIAL SCHIZOPHRENIA EPISODE (RAISE)
242	\$24,791	MI DEPT COMMUNITY HEALTH	Holmes, Denise	HUMAN MEDICINE DEAN	MATERNAL INFANT HEALTH PROGRAM EXPERIMENTAL STUDY
243	\$653,622	HEALTH RESOURCES & SERVICES ADMIN -PHS	Lipscomb, Wanda	HUMAN MEDICINE DEAN	CENTER OF EXCELLENCE FOR DIVERSITY IN MEDICAL EDUCATION
244	\$275,398	HEALTH RESOURCES & SERVICES ADMIN -PHS	Smith, Robert	HUMAN MEDICINE DEAN	A MENTAL HEALTH CURRICULUM FOR RESIDENTS

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245	\$11,464	JANSSEN PHARMACEUTICA	Al-Janadi, Anas	MEDICINE	IMAAGEN 212082PCR2005: AN OPEN-LABEL, SINGLE-ARM, PHASE 2 STUDY OF ABIRATERONE ACETATE PLUS PREDNISONE IN SUBJECTS WITH ADVANCED PROSTATE CANCER WITHOUT RADIOGRAPHIC EVIDENCE OF METASTATIC DISEASE
246	\$7,450	NATL SURGICAL ADJ BRST & BWL PROJ FDN	Conley, Barbara	MEDICINE	NSABP TFED36
247	\$21,500	CENTERS FOR DISEASE CONTROL AND PREVENTION	Rosenman, Kenneth	MEDICINE	ABLES
248	\$30,720	PFIZER PHARMACEUTICALS	Stein, Gary	MEDICINE	SAFETY AND EFFICACY OF TIGECYCLINE IN THE TREATMENT OF C. DIFFICILE ASSOCIATED DIARRHEA(CDAD)
249	\$10,351	GERON CORPORATION	Tamkus, Deimante	MEDICINE	GERON CP14B014 A RANDOMIZED PHASE II STUDY OF IMETELSTAT IN COMBINATION WITH PACLITAXEL (WITH OR WITHOUT BEVACIZUMAB) IN PATIENTS WITH LOCALLY RECURRENT OR METATSTATIC BREAST CANCER
250	\$9,600	NATL SURGICAL ADJ BRST & BWL PROJ FDN	Tamkus, Deimante	MEDICINE	NSABP - 2 THE STUDY OF TAMOXIFEN AND RALOXIFENE (STAR) FOR THE PREVENTION OF BREAST CANCER
251	\$8,333	DEAFNESS RESEARCH FOUNDATION	Friderici, Karen	MICROBIOLOGY & MOLECULAR GENETICS CHM	IDENTIFICATION OF CIS-REGULATORY GJB2 AND GJB6 ELEMENTS BY CHROMOSOME CONFORMATION CAPTURE AND INVESTIGATION OF POTENTIAL CIS-REGULATORY VARIANTS IN PERSONS WITH HEARING LOSS AND MONOALLELIC MUTATION OF GJB2
252	\$16,637	JANSSEN ALZHEIMER IMMUNOTHERAPY	Bozoki, Andrea	NEUROLOGY & OPHTHALMOLOGY CHM	A PHASE 3 EXTENSION, MULTICENTER, DOUBLE-BLIND, LONG TERM SAFETY AND TOLERABILITY TREATMENT TRIAL OF BAPINEUZUMAB (AAB-001, ELN115727) IN SUBJECTS WITH ALZHEIMER'S DISEASE WHO PARTICIPATED IN STUDY ELN115727-301 OR IN STUDY ELN115727-302
253	\$39,693	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)

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254	\$7,056	WYETH PHARMACEUTICALS INC	Bozoki, Andrea	NEUROLOGY & OPTHALMOLOGY 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 4 CARRIERS AND PARTICIPATED IN STUDY 3133K1-3001-US
255	\$6,739	WYETH PHARMACEUTICALS INC	Bozoki, Andrea	NEUROLOGY & OPTHALMOLOGY CHM	A PHASE 3, MULTICENTER, RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED, PARALLEL-GROUP EFFICACY AND SAFETY TRAIL OF BAPINE
256	\$194,100	EMMES CORPORATION	Hussain, Syed	NEUROLOGY & OPTHALMOLOGY CHM	PLATELET-ORIENTED INHIBITION IN NEW TIA AND MINOR ISCHEMIC STROKE
257	\$22,500	UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON	Hussain, Syed	NEUROLOGY & OPTHALMOLOGY CHM	THE INTRAVASCULAR COOLING IN THE TREATMENT OF STROKE 2/3 (ICTUS 2/3) TRIAL
258	\$62,924	BOSTON UNIVERSITY	Luke, Barbara	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	CHILD HEALTH AFTER ASSISTED REPRODUCTIVE TECHNOLOGY: A POPULATION BASED STUDY
259	\$49,508	NATL INST OF HEALTH - NIH/PHS	Luke, Barbara	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	ASSISTED REPRODUCTIVE TECHNOLOGY & RISK OF CHILDHOOD CANCER
260	\$16,883	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY - SLAC	Luke, Barbara	OBSTETRICS GYNECOLOGY & REPRODUCTIVE BIO	CONTRIBUTION OF THE CORPUS LUTEUM TO PREGNANCY OUTCOMES AFTER ART
261	\$24,540	CYSTIC FIBROSIS FOUND	Gregoire-Bottex, Marie	PEDIATRICS AND HUMAN DEVELOPMENT	2012-2013 CYSTIC FIBROSIS CENTER AND ACCREDITATION FUNDING
262	\$11,504	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
263	\$6,500	BIOGEN INC	Kulkarni, Roshni	PEDIATRICS AND HUMAN DEVELOPMENT	A LONG KIDS: AN OPEN-LABEL, MULTICENTER EVALUATION OF SAFETY, PHARMACOKINETICS, AND EFFICACY OF RECOMBINANT COAGULATION FACTOR VIII FC FUSION PROTEIN, BIIB031, IN THE PREVENTION AND TREATMENT OF BLEEDING EPISODES IN PEDIATRIC SUBJECTS WITH HEMOPHILIA A

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264	\$6,500	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
265	\$6,500	BIOGEN INC	Kulkarni, Roshni	PEDIATRICS AND HUMAN DEVELOPMENT	B LONG EXTENSION: AN OPEN-LABEL, MULTICENTER EVALUATION OF THE LONG-TERM SAFETY AND EFFICACY OF RECOMBINANT HUMAN COAGULATION FACTOR IX FUSION PROTEIN (RFIXFC) IN THE PREVENTION AND TREATMENT OF BLEEDING EPISODES IN PREVIOUSLY TREATED SUBJECTS WITH HEMOPHILIA B
266	\$55,000	MI DEPT COMMUNITY HEALTH	Netzloff, Michael	PEDIATRICS AND HUMAN DEVELOPMENT	PEDIATRICS GENETICS - FEE FOR SERVICE FY2013
267	\$335,010	NATL INST OF HEALTH - NIH/PHS	Kaminski, Norbert	PHARMACOLOGY & TOXICOLOGY HUMAN MEDICINE	IMPAIRED B CELL ACTIVATION/DIFFERENTIATION VIA SUSTAINED BCL6 EXPRESSION BY TCDD
268	\$308,831	NATL INST OF HEALTH - NIH/PHS	Andrechek, Eran	PHYSIOLOGY HUMAN MEDICINE	DISSECTING TUMOR HETEROGENEITY BY ANALYZING SIGNALING PATHWAY REQUIREMENTS
269	\$53,200	NATL INST OF ENVIRON HEALTH SCI -NIH/PHS	Haslam, Sandra	PHYSIOLOGY HUMAN MEDICINE	PUBERTAL HIGH FAT DIET: EFFECTS ON INFLAMMATION, MAMMARY DEVELOPMENT, AND CANCER
270	\$368,400	ARMY US DEPT OF	Lunt, Sophia	PHYSIOLOGY HUMAN MEDICINE	UNDERSTANDING THE WARBURG EFFECT AND THE METABOLIC REQUIREMENTS OF CANCER CELLS
271	\$156,438	NATL INST OF HEALTH - NIH/PHS	Xiao, Hua	PHYSIOLOGY/HUMAN PATHOLOGY - CHM	NCOA5, A UNIQUE NUCLEAR RECEPTOR COACTIVATOR IN HEPATOCARCINOGENESIS
272	\$20,000	WASHINGTON UNIVERSITY OF	Demarco, James	RADIOLOGY HUMAN MEDICINE	MRI OF HIGH-RISK CAROTID PLAQUE
273	\$217,416	NATL INST OF HEALTH - NIH/PHS	Basson, Marc	SURGERY	SCHLAFEN MEDIATION OF INTESTINAL ADAPTATION
274	\$5,800	DELTA DENTAL FUND	Wenig, Barry	SURGERY	SALIVARY BIOMARKERS FOR ORAL SQUAMOUS CELL CANCER DETECTION
275	\$270,582	MICHAEL J. FOX FOUNDATION	Collier, Timothy	TRANSLATION SCIENCE & MOLECULAR MED	AMITRIPTYLINE AS A DOPAMINE NEUROPROTECTIVE THERAPY
276	\$24,907	SAINT MARY'S FOUNDATION	Kanaan, Nicholas	TRANSLATION SCIENCE & MOLECULAR MED	UNDERSTANDING TAU'S ROLE IN NEURODEGENERATIVE DISEASES

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277	\$200,000	MICHAEL J. FOX FOUNDATION	Manfredsson, Fredric	TRANSLATION SCIENCE & MOLECULAR MED	ALPHA-SYNUCLEIN AGGREGATION LEADS TO LOSS OF FUNCTIONAL FORMS OF THE PROTEIN AND TOXICITY.
278	\$24,605	SAINT MARY'S FOUNDATION	Manfredsson, Fredric	TRANSLATION SCIENCE & MOLECULAR MED	EVALUATING THE ORIGIN OF PARKINSON'S DISEASE IN PERIPHERAL TISSUE
COLLEGE OF MUSIC					
279	\$30,000	KRESGE FOUNDATION	Buckley, Rhonda	MUSIC	GENERAL OPERATING SUPPORT FOR CMS-DETROIT
280	\$20,000	WORTHINGTON FAMILY FOUNDATION	Helton, Melanie	MUSIC	ENHANCING THE MSU OPERA THEATRE EXPERIENCE – NEXT STEPS
COLLEGE OF NATURAL SCIENCE					
281	\$50,000	CALIFORNIA UNIVERSITY OF	Benning, Christoph	BIOCHEMISTRY & MOLECULAR BIOLOGY CNS	GENOME ANNOTATION AND TRANSCRIPTOMICS OF OIL-PRODUCING ALGAE
282	\$284,446	NATL INST OF HEALTH - NIH/PHS	Feig, Michael	BIOCHEMISTRY & MOLECULAR BIOLOGY CNS	MULTISCALE MODELING OF SUPRAMOLECULAR PROTEIN-DNA ASSEMBLIES
283	\$247,123	NATL INST OF HEALTH - NIH/PHS	Feig, Michael	BIOCHEMISTRY & MOLECULAR BIOLOGY CNS	PROTEIN STRUCTURE REFINEMENT THROUGH EFFECTIVE SAMPLING AND SCORING
284	\$312,152	NATL INST OF HEALTH - NIH/PHS	Kroos, Lee	BIOCHEMISTRY & MOLECULAR BIOLOGY CNS	INTRAMEMBRANCE-CLEAVING METALLOPROTEASES OF BACILLUS SUBTILIS
285	\$100,000	AMER CHEMICAL SOCIETY-PETROLEUM RES FUND	Blanchard, Gary	CHEMISTRY	VIBRATIONAL ENERGY DISSIPATION IN FLUID SYSTEMS AND THE INFLUENCE OF MOLECULAR-SCALE ORGANIZATION
286	\$33,000	KETTERING UNIVERSITY	Borhan, Babak	CHEMISTRY	INSTRUMENTATION FOR KINETIC ANALYSIS
287	\$151,200	NATL SCIENCE FOUNDATION	Bruening, Merlin	CHEMISTRY	EXPLORATION OF MEMBRANE-BASED PROTEOLYTIC DIGESTION FOR STUDIES OF PROTEIN STRUCTURE AND PHOSPHORYLATION
288	\$75,000	ENERGY US DEPT OF	Dantus, Marcos	CHEMISTRY	SISGR: UNDERSTANDING AND CONTROLLING STRONG-FIELD LASER INTERACTIONS WITH POLYATOMIC MOLECULES
289	\$190,000	ENERGY US DEPT OF	McCusker, James	CHEMISTRY	FIRST-ROW TRANSITION METAL-BASED CHROMOPHORES FOR DYE-SENSITIZED SOLAR CELLS:FUNDAMENTAL ISSUES AND APPLICATIONS

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290	\$32,763	AQUAOX INDUSTRIES, INC.	Spence, Dana	CHEMISTRY	DETERMINATION OF HYPOCHLORITE CONCENTRATIONS IN AQUAOX INDUSTRIES PRODUCTS AND ITS ANTIBACTERIAL PROPERTIES
291	\$290,701	MONASH UNIVERSITY	Xi, Zhiyong	ENTOMOLOGY NATURAL SCIENCE	MODIFYING MOSQUITO POPULATION AGE STRUCTURE TO ELIMINATE DENGUE TRANSMISSION
292	\$14,996	ARMY US CORPS OF ENGINEERS	Hyndman, David	GEOLOGICAL SCIENCES	MODELING SUPPORT FOR THE ST. JOSEPH AND MAUMEE WATERSHEDS APRIL 2012
293	\$79,206	MICHIGAN UNIVERSITY OF	Hyndman, David	GEOLOGICAL SCIENCES	QUANTIFYING THE IMPACTS OF PROJECTED CLIMATE CHANGES ON THE GRAND TRAVERSE BAY REGION: AN ADAPTIVE MANAGEMENT FRAMEWORK
294	\$223,813	MI ENVIRONMENTAL QUALITY	Long, David	GEOLOGICAL SCIENCES	A STRATEGIC ENVIRONMENTAL QUALITY MONITORING PROGRAM FOR MICHIGAN'S SURFACE WATERS: THE INLAND LAKES SEDIMENT
295	\$15,000	NATL GEOGRAPHIC SOC	Van Dam, Remke	GEOLOGICAL SCIENCES	GEOPHYSICAL PROSPECTION FOR EARLY VILLAGES IN CENTRAL OMAN
296	\$14,998	NATL SCIENCE FOUNDATION	Mittelbach, Gary	KELLOGG BIOLOGICAL STATION NAT. SCI.	A NOVEL APPROACH TO STUDYING SHY-BOLD FORAGING BEHAVIOR IN THE FIELD: EXPERIMENTS WITH SUNFISH
297	\$260,000	NATL SCIENCE FOUNDATION	Bao, Gang	MATHEMATICS	MATHEMATICS AND COMPUTATION OF NONLINEAR PROBLEMS IN DIFFRACTIVE OPTICS MODELING
298	\$30,000	NAVAL RESEARCH US OFFICE OF USDN	Bao, Gang	MATHEMATICS	INVERSE SCATTERING PROBLEMS IN WAVE PROPAGATION
299	\$50,000	MINNESOTA UNIV OF	Bates, Peter	MATHEMATICS	INFINITE DIMENSIONAL AND STOCHASTIC DYNAMICAL SYSTEMS AND THEIR APPLICATIONS
300	\$222,756	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Christlieb, Andrew	MATHEMATICS	NOVEL TOOLS FOR THE MODELING AND SIMULATION OF ULTRA COLD PLASMAS
301	\$35,000	SIMONS FOUNDATION	Franciscs, Gabor	MATHEMATICS	COMPLEX HYPERBOLIC LATTICES: GEOMETRY AND ANALYSIS
302	\$51,808	NATL SCIENCE FOUNDATION	Lamm, Patricia	MATHEMATICS	NON-QUADRATIC PENALIZATION IN GENERALIZED LOCAL REGULARIZATION FOR LINEAR AND NONLINEAR INVERSE PROBLEMS
303	\$386,993	NATL SCIENCE FOUNDATION	Qian, Jianliang	MATHEMATICS	FAST LEVEL-SET METHODS FOR LARGE-SCALE GEOSPATIAL-INFORMATION BASED INVERSE GRAVIMETRY PROBLEMS AND APPLICATIONS TO THREATS DETECTION

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	Amount	Donor	Director	Unit	Purpose
304	\$149,685	NATL SCIENCE FOUNDATION	Schmidt, Benjamin	MATHEMATICS	CURVATURE, GEODESICS, AND RIGIDITY
305	\$307,896	NATL INST OF HEALTH - NIH/PHS	Wei, Guowei	MATHEMATICS	COLLABORATIVE RESEARCH: GEOMETRIC FLOW APPROACH TO IMPLICIT SOLVATION MODELING
306	\$319,477	NATL SCIENCE FOUNDATION	Wei, Guowei	MATHEMATICS	FRG: COLLABORATIVE RESEARCH: VARIATIONAL MULTISCALE APPROACHES TO BIOMOLECULAR STRUCTURE, DYNAMICS AND TRANSPORT
307	\$178,060	MICHIGAN UNIVERSITY OF	Manning, Shannon	MICROBIOLOGY & MOLECULAR GENETICS CNS	MECHANISMS OF GROUP B STREPTOCOCCAL INTERACTIONS WITH EXTRAPLACENTAL MEMBRANES
308	\$73,590	NATL INST OF HEALTH - NIH/PHS	Sisk, Cheryl	NEUROSCIENCE PROGRAM	INTERDISCIPLINARY TRAINING PROGRAM IN NEUROSCIENCE
309	\$179,912	INTELLIGENCE ADVANCED RESEARCH PROJECTS ACTIVITY	Birge, Norman	PHYSICS-ASTRONOMY	FERROMAGNETIC JOSEPHSON JUNCTIONS FOR CRYOGENIC RANDOM ACCESS MEMORY
310	\$72,875	REGENTS OF THE UNIVERSITY OF MICHIGAN	Brock, Raymond	PHYSICS-ASTRONOMY	ATLAS GREAT LAKES TIER 2 COMPUTING SYSTEM (AGL)
311	\$55,161	ARGONNE NATL LABORATORY	Bromberg, Carl	PHYSICS-ASTRONOMY	RESEARCH BY ENRIQUE ARRIETA-DIAZ
312	\$150,000	ARMY RESEARCH OFFICE U S	Dykman, Mark	PHYSICS-ASTRONOMY	STUDYING ELECTRON TRANSPORT IN NANOWIRES USING FLUCTUATIONS OF NANO-MECHANICAL VIBRATIONS
313	\$255,284	NATL INST OF MENTAL HLTH -NIH/PHS	Lapidus, Lisa	PHYSICS-ASTRONOMY	PREVENTING PROTEIN AGGREGATION BY CONTROLLING UNFOLDED STATE DYNAMICS
314	\$224,403	NATL SCIENCE FOUNDATION	Lapidus, Lisa	PHYSICS-ASTRONOMY	INVESTIGATIONS OF COMPLEXITY IN THE EARLY STEPS OF PROTEIN FOLDING
315	\$9,218	NATL SCIENCE FOUNDATION	O'Shea, Brian	PHYSICS-ASTRONOMY	COLLABORATIVE RESEARCH: SOFTWARE INSTITUTE FOR METHODOLOGIES AND ABSTRACTIONS FOR HPC SIMULATION CODES ON FUTURE ARCHITECTURES
316	\$108,349	ARMY US DEPT OF	Piermarocchi, Carlo	PHYSICS-ASTRONOMY	ATTRACTOR SIGNALING MODELS FOR DISCOVERY OF COMBINATORIAL THERAPIES
317	\$76,591	NATL SCIENCE FOUNDATION	Stein, Robert	PHYSICS-ASTRONOMY	THE QUIET SUN DYNAMO: SHALLOW VS. DEEP
318	\$135,099	NORTHEASTERN UNIV	Tomanek, David	PHYSICS-ASTRONOMY	NSEC: CENTER FOR HIGH-RATE NANOMANUFACTURING
319	\$270,000	NATL SCIENCE FOUNDATION	Yuan, Chien-Peng	PHYSICS-ASTRONOMY	GLOBAL QCD ANALYSIS AND ELECTROWEAK SYMMETRY BREAKING IN HIGH ENERGY COLLIDER PHENOMENOLOGY
320	\$53,417	FLORIDA UNIV OF	Busik, Julia	PHYSIOLOGY NATURAL SCIENCE	NO DYSREGULATION OF THE PERIPHERAL CLOCK IN DIABETIC VASCULAR DISEASE

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321	\$109,139	USDA - FOREST SERVICE	Brudvig, Lars	PLANT BIOLOGY CNS	THE RESTORATION OF LONGLEAF PINE FIRE SAVANNA FRAGMENTS AND THEIR USE AS SOURCE POPULATIONS: A PROPOSAL TO INTEGRATE SCIENCE, LANDSCAPE RESTORATION AND DIVERSITY GOALS.
322	\$130,000	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Buell, Carol	PLANT BIOLOGY CNS	USING SYSTEMS BIOLOGY TO UNRAVEL GENE AND METABOLITE NETWORKS INVOLVED IN MYCOTOXIN PRODUCTION IN THE FUSARIUM GRAMINEARUM-CORN INTERACTION
323	\$192,377	NATL SCIENCE FOUNDATION	Long, Tammy	PLANT BIOLOGY CNS	SIMPLIFYING COMPLEXITY: ANALYZING STUDENTS MODEL OF BIOLOGICAL SYSTEMS
324	\$42,141	US DEPT AGRICULTURE	Sears, Barbara	PLANT BIOLOGY CNS	ACQUISITION OF GOODS AND SERVICES
325	\$400,000	NATL SCIENCE FOUNDATION	Swenson, Nathan	PLANT BIOLOGY CNS	DIMENSIONS US-CHINA: DISENTANGLING THE COMPONENTS OF TREE BIODIVERSITY: INTEGRATING PHYLOGENIES, FUNCTIONAL TRAITS AND TRANSCRIPTOMES
326	\$42,183	VIRGINIA COMMONWEALTH UNIVERSITY	Triemer, Richard	PLANT BIOLOGY CNS	ASSEMBLING THE TREE OF LIFE: PHYLUM EULENZOEA
327	\$107,818	NATL INST OF HEALTH - NIH/PHS	Howe, Gregg	PLANT RESEARCH LABORATORY NAT SCIENCE	MOLECULAR MECHANISM OF JASMONATE SIGNALING
328	\$404,142	DONALD DANFORTH PLANT SCIENCE CENTER	Kramer, David	PLANT RESEARCH LABORATORY NAT SCIENCE	CENTER FOR ENHANCED CAMELINA OIL (CECO)
329	\$104,377	TEXAS INSTRUMENTS INC	Burrill, Gail	PROGRAM IN MATHEMATICS EDUCATION	SYNTHESIS OF CALCULATOR RESEARCH PROJECT
330	\$106,805	NATL SCIENCE FOUNDATION	Koul, Hira	STATISTICS & PROBABILITY	COLLABORATIVE RESEARCH: MODEL DIAGNOSTICS IN REGRESSION AND TOBIT REGRESSION MODELS WITH MEASUREMENT ERROR
331	\$34,996	NATL SCIENCE FOUNDATION	Xiao, Yimin	STATISTICS & PROBABILITY	NSF/CBMS REGIONAL CONFERENCE IN THE MATHEMATICAL SCIENCES - ANALYSIS OF STOCHASTIC PARTIAL DIFFERENTIAL EQUATIONS - AUGUST 19-23, 2013
332	\$202,235	FLORIDA STATE UNIVERSITY	Dworkin, Ian	ZOOLOGY NATURAL SCIENCE	BUILDING, UNDERSTANDING AND APPLYING A DICTIONARY OF GENETIC EFFECTS
333	\$11,000	NATIONAL PARK SERVICE	Stevenson, Robert	ZOOLOGY NATURAL SCIENCE	ANALYSIS OF PERIPHYTON SAMPLES (DIATOM COUNTS)

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COLLEGE OF OSTEOPATHIC MEDICINE					
334	\$10,930	TEVA NEUROSCIENCE INC	Goudreau, John	NEUROLOGY & OPTHALMOLOGY COM	AN OPEN-LABEL, MULTICENTER, FOLLOW-UP STUDY TO EVALUATE THE LONG-TERM EFFECTS OF RASAGILNE IN PARKINSON DISEASE SUBJECTS WHO PARTICIPATED IN THE ADAGIO STUDY
335	\$98,240	AMER OSTEOPATHIC ASSOCIATION	Gorbis, Sherman	OSTEOPATHIC MANIPULATIVE MEDICINE	THE EFFECT OF OMT ON PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE: CORRELATING PULMONARY FUNCTION TESTS WITH BIOCHEMICAL ALTERATIONS.
336	\$52,300	MERCK & CO INC	Bailie, Marc	PHARMACOLOGY & TOXICOLOGY OSTEO MEDICINE	EFFECTS OF SPIRONOLACTONE VERSUS HYDROCHLOROTHIAZIDE ON BLOOD PRESSURE, WHOLE BODY NOREPINEPHRINE SPILLOVER AND SYMPATHETIC NERVOUS SYSTEM CONTROL IN DAHL RATS
337	\$85,000	BOSTON SCIENTIFIC	Schneider, Stephen	PHYSIOLOGY OSTEOPATHIC MEDICINE	MECHANISMS OF SPINAL CORD STIMULATION IN PAIN MODULATION
338	\$11,085	OREGON HEALTH SCIENCES UNIVERSITY	Boivin, Michael	PSYCHIATRY OSTEOPATHIC MEDICINE	TOXICONUTRITIONAL AND GENETIC DETERMINANTS OF SUSCEPTIBILITY TO NEURODEGENERATION
339	\$191,875	NATL INST ON AGING -NIH/PHS	Shapiro, Erik	RADIOLOGY OSTEOPATHIC MEDICINE	MRI-BASED IMMUNE CELL TRACKING IN ALZHEIMER'S DISEASE
COLLEGE OF SOCIAL SCIENCE					
340	\$59,815	JUSTICE US DEPT OF	Bynum, Timothy	CRIMINAL JUSTICE	EXAMINING THE IMPLEMENTATION AND IMPACT OF SEX OFFENDER PAROLE CONDITION REFORM IN MICHIGAN
341	\$38,391	MICHIGAN UNIVERSITY OF	Bynum, Timothy	CRIMINAL JUSTICE	LAW ENFORCEMENT AGENCY IDENTIFIERS CROSSWALK PROJECT
342	\$33,767	MICHIGAN UNIVERSITY OF	Bynum, Timothy	CRIMINAL JUSTICE	DIRECTOR NATIONAL ARCHIVE OF CRIMINAL JUSTICE DATA
343	\$30,000	MARYLAND UNIV OF	Chermak, Steven	CRIMINAL JUSTICE	PATTERNS OF U.S. EXTREMIST CRIME IN THE UNITED STATES
344	\$8,728	RAND CORPORATION	McGarrell, Edmund	CRIMINAL JUSTICE	DRUG MARKET INTERVENTION EVALUATION
345	\$10,004	NATL SCIENCE FOUNDATION	Morash, Merry	CRIMINAL JUSTICE	PROBATION/PAROLE OFFICER INTERACTIONS WITH WOMEN OFFENDERS: DO RELATIONSHIP STYLE AND COMMUNICATION PATTERN PREDICT OUTCOMES?

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346	\$200,311	MI STATE POLICE	Schertzing, Phillip	CRIMINAL JUSTICE	2010 HOMELAND SECURITY GRANT PROGRAM (HSGP)
347	\$142,000	CINCINNATI UNIV OF	Tobey, Scott	CRIMINAL JUSTICE	HAZARDOUS MATERIAL WORKER HEALTH AND SAFETY TRAINING (U45) COOPERATIVE AGREEMENT
348	\$6,000	QUALCOMM	Wilson, Jeremy	CRIMINAL JUSTICE	SHORT-COURSE ON ANTI-COUNTERFEIT STRATEGY
349	\$59,965	NATL SCIENCE FOUNDATION	Grady, Sue	GEOGRAPHY	INTERNATIONAL MEDICAL GEOGRAPHY SYMPOSIUM
350	\$10,000	NATL OCEANIC & ATMOSPHERIC ADMIN	Luo, Lifeng	GEOGRAPHY	EXPLORING BEST PRACTICE PROCEDURES FOR OPTIMAL USE OF CLIMATE FORECAST FOR REGIONAL HYDROLOGICAL APPLICATIONS
351	\$25,200	MI DEPT COMMUNITY HEALTH	Lusch, David	GEOGRAPHY	GEOGRAPHIC INFORMATION SYSTEM (GIS) SOFTWARE PROJECT
352	\$25,200	MICHIGAN FITNESS FOUNDATION	Lusch, David	GEOGRAPHY	SNAP MAP DEVELOPMENT A WEB BASED MAPPING TOOL SOLUTION
353	\$8,976	US DEPT AGRICULTURE	Lusch, David	GEOGRAPHY	INTRODUCTION TO IMAGE INTERPRETATION
354	\$30,000	NATL AERONAUTICS AND SPACE ADM	Messina, Joseph	GEOGRAPHY	NESS FELLOWSHIP: LAND COVER CHANGE AND DISEASE ECOLOGY: THE UNINTENDED IMPACTS OF PROSOPIS JULIFLORA IN KENYA.
355	\$23,000	NORTHROP GRUMMAN CORP	Shortridge, Ashton	GEOGRAPHY	MEASURING AND MODELING POSITIONAL UNCERTAINTY IN GEOGRAPHIC VECTOR DATA
356	\$39,961	NATL SCIENCE FOUNDATION	Simmons, Cynthia	GEOGRAPHY	COLLABORATIVE RESEARCH: CONTENTIOUS LAND CHANGE IN THE EASTERN AMAZON
357	\$109,976	USDA - ANIMAL AND PLT HTL INSP SER	Colunga-Garcia, Manuel	GLOBAL CHG & EARTH OBSERVATIONS, CTR FOR	GLOBAL TRADE INTELLIGENCE TO MODEL RISK OF PEST INTRODUCTION INTO THE U.S.
358	\$171,611	NATL ENDOWMENT FOR THE HUMANITIES	Achebe, Nwando	HISTORY	AFRICA IN WORLD HISTORY SUMMER INSTITUTE
359	\$77,964	CAMBRIDGE UNIVERSITY OF	Bellon, Richard	HISTORY	THE VIRTUES OF EVOLUTIONARY RESEARCH: MORAL BEHAVIOR AT THE INTERSECTION OF SCIENCE AND RELIGION, 1830-2012
360	\$200,000	NATL ENDOWMENT FOR THE HUMANITIES	Hawthorne III, Walter	HISTORY	ISLAM AND MODERNITY: ALTERNATIVES IN CONTEMPORARY SENEGAMBIA AND GHANA
361	\$82,503	PORTLAND STATE UNIVERSITY	Kossek, Ellen	HUMAN RESOURCES AND LABOR RELATIONS	LIMITED COMPETITION FOR EVALUATING THE HEALTH BENEFITS OF WORKPLACE POLICIES AND PRACTICES-PHASE II (US01)
362	\$696,811	MI DEPT COMMUNITY HEALTH	Hembroff, Larry	INST FOR PUBLIC POLICY & SOCIAL RESEARCH	BEHAVIORAL RISK FACTOR SURVEY (BRFS)

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363	\$119,686	MI DEPT COMMUNITY HEALTH	Hembroff, Larry	INST FOR PUBLIC POLICY & SOCIAL RESEARCH	PREGNANCY RISK ASSESSMENT MONITORING SURVEY(PRAMS) 2013
364	\$85,437	MI DEPT COMMUNITY HEALTH	Hembroff, Larry	INST FOR PUBLIC POLICY & SOCIAL RESEARCH	NATIVE AMERICAN PRAMS 2013
365	\$47,791	MI DEPT COMMUNITY HEALTH	Hembroff, Larry	INST FOR PUBLIC POLICY & SOCIAL RESEARCH	BEHAVIORAL RISK FACTOR SURVEY (BRFS) ASTHMA CALL BACK SURVEY
366	\$25,200	NATL SCIENCE FOUNDATION	Black, Ryan	POLITICAL SCIENCE	DOCTORAL DISSERTATION RESEARCH: SHAPING THE CONTENT OF MAJORITY OPINIONS ON THE U.S. SUPREME COURT
367	\$450,182	EDUCATION U.S. DEPT OF	Bowles, Ryan	PSYCHOLOGY SOCIAL SCIENCE	DEVELOPMENT AND VALIDATION OF THE NARRATIVE ASSESSMENT PROTOCOL
368	\$339,909	NATL SCIENCE FOUNDATION	Cesario, Joseph	PSYCHOLOGY SOCIAL SCIENCE	AUTOMATIC RESPONSES AS SITUATED COMPUTATIONAL PROCESSES
369	\$154,775	NATL AERONAUTICS AND SPACE ADM	Kozlowski, Steve	PSYCHOLOGY SOCIAL SCIENCE	DEVELOPING, MAINTAINING AND RESTORING TEAM COHESION
370	\$40,000	NATL AERONAUTICS AND SPACE ADM	Kozlowski, Steve	PSYCHOLOGY SOCIAL SCIENCE	MONITORING AND REGULATING TEAMWORK
371	\$12,114	MICHIGAN UNIVERSITY OF	Lucas, Richard	PSYCHOLOGY SOCIAL SCIENCE	DISABILITY, TIME USE, AND WELLBEING AMONG OLDER ADULTS
372	\$9,975	U S DEPT OF VETERANS AFFAIRS	McAuley, J	PSYCHOLOGY SOCIAL SCIENCE	STRESS AND MOTIVATED BEHAVIOR
373	\$13,554	MEDICAL COLLEGE OF WISCONSIN	Miller, Robin	PSYCHOLOGY SOCIAL SCIENCE	IMPLEMENTATION, EFFECTIVENESS & COST EFFECTIVENESS OF AN EVIDENCE-BASED INTERVENTION
374	\$24,500	COLLEGE BOARD THE	Schmitt, Neal	PSYCHOLOGY SOCIAL SCIENCE	THE IMPACT OF SITUATIONAL STRENGTH ON THE VALIDITY OF SITUATIONAL JUDGEMENT ITEMS.
375	\$372,048	NATL INST OF HEALTH - NIH/PHS	Wade, Juli	PSYCHOLOGY SOCIAL SCIENCE	HORMONAL AND GENETIC REGULATION OF BRAIN DEVELOPMENT
376	\$37,313	ALASKA UNIVERSITY OF	Yan, Lili	PSYCHOLOGY SOCIAL SCIENCE	PERSISTENCE, ENTRAINMENT, AND FUNCTION OF CIRCADIAN RHYTHMS IN ARCTIC GROUND SQUIRRELS
377	\$15,000	A T & T	Beecher, Janice	PUBLIC UTILITIES INSTITUTE	PROGRAM SUPPORT FOR IPU FROM AT&T
378	\$15,000	CONSUMERS ENERGY	Beecher, Janice	PUBLIC UTILITIES INSTITUTE	PROGRAM SUPPORT FOR IPU FROM CONSUMERS ENERGY
379	\$15,000	DTE ENG CORP SVCS LLC	Beecher, Janice	PUBLIC UTILITIES INSTITUTE	PROGRAM SUPPORT FOR IPU FORM DTE ENG. CORP. SVCS, LLC

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380	\$12,000	INDIANA MICHIGAN POWER	Beecher, Janice	PUBLIC UTILITIES INSTITUTE	PROGRAM SUPPORT FOR IPU FROM INDIAN MICHIGAN POWER
381	\$15,000	NORTHEAST UTILITIES SERVICES COMPANY	Beecher, Janice	PUBLIC UTILITIES INSTITUTE	PROGRAM SUPPORT FOR IPU FROM NORTHEAST UTILITIES SERVICE CO.
382	\$15,000	PACIFIC GAS & ELECTRIC CO	Beecher, Janice	PUBLIC UTILITIES INSTITUTE	PROGRAM SUPPORT FOR IPU FROM PACIFIC GAS & ELECTRIC COMPANY
383	\$15,000	WE ENERGIES COMPANY	Beecher, Janice	PUBLIC UTILITIES INSTITUTE	PROGRAM SUPPORT FOR IPU FROM WE ENERGIES
384	\$498,103	STATE US DEPARTMENT OF	Agbenyiga, DeBrenna	SOCIAL SCIENCE DEAN	STRENGTHENING LEADERSHIP CAPACITY AND PROFESSIONAL SKILLS: A WOMEN'S ECONOMIC EMPOWERMENT PROGRAM WITH TANZANIA, SOUTH AFRICA, AND THE UNITED STATES
385	\$91,000	MI DEPT OF HUMAN SERVICES	Anderson, Gary	SOCIAL WORK	STATEWIDE ADOPTION TRAINING FOR PARENTS AND PROFESSIONALS I
386	\$7,073	CONNECTED LIVING	Freddolino, Paul	SOCIAL WORK	HEALTH AND WELLNESS PROJECT
387	\$50,000	FLINN ETHEL AND JAMES FAMILY FOUNDATION	Kubiak, Sheryl	SOCIAL WORK	ASSESSING LONG-TERM OUTCOMES ASSOCIATED WITH THE WAYNE COUNTY MENTAL HEALTH COURT
388	\$43,333	MI DEPT COMMUNITY HEALTH	Kubiak, Sheryl	SOCIAL WORK	STATEWIDE MENTAL HEALTH COURT OUTCOME STUDY - MICHIGAN DEPARTMENT OF COMMUNITY HEALTH
389	\$12,500	WAYNE COUNTY	Kubiak, Sheryl	SOCIAL WORK	WAYNE COUNTY THIRD CIRCUIT MENTAL HEALTH COURT EVALUATION PROGRAM
390	\$50,000	THE GERONTOLOGICAL SOCIETY OF AMERICA	Woodward, Amanda	SOCIAL WORK	UNDERSTANDING PATTERNS OF SERVICE USE FOR OLDER ADULTS WITH MENTAL AND SUBSTANCE DISORDERS
391	\$291,519	WASHINGTON HEADQUARTERS SERVICES AQUISITION & PROCUREMENT OFFICE	Shlapentokh, V	SOCIOLOGY SOCIAL SCIENCE	"RUSSIA IN THE SECOND DECADE OF THE 21ST CENTURY: THE UNCERTAIN FUTURE OF PUTIN'S REGIME"
ASC PROVOST FOR UNDERGRADUATE EDUCATION					
392	\$659,582	EDUCATION U.S. DEPT OF	Wiggins, Aurles	SUPPORTIVE SERVICES PROGRAM	STUDENT SUPPORT SERVICE
COLLEGE OF VETERINARY MEDICINE					
393	\$16,500	FOOD & DRUG ADMINISTRATION -PHS	Bolin, Carole	DIAGNOST CTR FOR POPULATION & ANIM HLTH	MICHIGAN STATE UNIVERSITY DCPAH VETLRN 2012
394	\$31,000	US DEPT AGRICULTURE	Bolin, Carole	DIAGNOST CTR FOR POPULATION & ANIM HLTH	NAHLN-MI2012

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395	\$265,812	DOW CHEMICAL CO	Kaminski, Norbert	INTEGRATIVE TOXICOLOGY, CENTER FOR	A CHARACTERIZATION OF SPECIES-DEPENDENT SENSITIVITY OF B CELL FUNCTION TO MODULATION BY 2;3;7;8 -TETRACHLORODIBENZO-P-DIO
396	\$150,000	NATL INST OF ENVIRON HEALTH SCI -NIH/PHS	Kaminski, Norbert	INTEGRATIVE TOXICOLOGY, CENTER FOR	ENVIRONMENTAL; MICROBIAL; AND MAMMALIAN BIOMOLECULAR RESPONSES TO AHR LIGANDS
397	\$273,608	NATL INST OF ENVIRON HEALTH SCI -NIH/PHS	Roth, Robert	INTEGRATIVE TOXICOLOGY, CENTER FOR	MULTIDISCIPLINARY TRAINING IN ENVIRONMENTAL TOXICOLOGY
398	\$17,061	THE COCA-COLA COMPANY	Funk, Julie	LARGE ANIMAL CLINICAL SCIENCES	FOOD SAFETY KOMMUNITY WEBINAR SERIES
399	\$66,759	USDA - FOREIGN AG SER	Kaneene, John	LARGE ANIMAL CLINICAL SCIENCES	2012 BORLAUG FELLOWSHIP PROGRAM- ANIMAL SCIENCE
400	\$7,200	AMERICAN COLLEGE OF VETERINARY RADIOLOGY	Pease, Anthony	LARGE ANIMAL CLINICAL SCIENCES	MAGNETIC RESONANCE IMAGING DIFFUSION TENSOR IMAGING OF THE INTERNAL CAPSULE IN NORMAL AND GERIATRIC ONSET LARYNGEAL PARALYSIS AFFECTED LABRADOR RETRIEVERS
401	\$6,500	ELANCO ANIMAL HEALTH	Schott, Harold	LARGE ANIMAL CLINICAL SCIENCES	EXTENDED USE OF PERGOLIDE MESYLATE TABLETS FOR HORSES COMPLETING THE CLINICAL EFFICACY STUDY #EQ08A03003
402	\$1,503,313	NATL INST OF ALLERGY & INFEC DIS -NIH	Mansfield, Linda	NATIONAL FOOD SAFETY/TOXICOLOGY CENTER	ERIN CRC: HOST-MICROBIOTA-PATHOGEN INTERACTIONS GOVERN ENTERIC HEALTH AND DISEASE
403	\$151,473	US FISH & WILDLIFE SERVICE	Abdel-Kariem, Mohammed	PATHOBIOLOGY & DIAGNOSTIC INVESTIGAT CVM	IDENTIFYING RISKS OF EMERGING VIRAL INFECTIONS IN THE GREAT LAKES
404	\$177,285	NATL INST OF HEALTH - NIH/PHS	Luyendyk, James	PATHOBIOLOGY & DIAGNOSTIC INVESTIGAT CVM	MECHANISMS OF XENOBIOTIC-INDUCED BILIARY INFLAMMATION AND FIBROSIS
405	\$114,370	MPI RESEARCH INC	REED,WILLIE	PATHOBIOLOGY & DIAGNOSTIC INVESTIGAT CVM	RESIDENT TRAINING IN TOXICOLOGIC PATHOLOGY AT MSU AND MPI RESEARCH INC
406	\$706,275	NATL INST OF HEALTH - NIH/PHS	Atchison, William	PHARMACOLOGY & TOXICOLOGY VET MEDICINE	NEUROTOXIC MECHANISM OF METHYLMERCURY POISONING
407	\$292,750	NATL INST OF HEALTH - NIH/PHS	Atchison, William	PHARMACOLOGY & TOXICOLOGY VET MEDICINE	INCREASING HISPANIC REPRESENTATION IN NEUROSCIENCE

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408	\$30,378	NATL INST OF HEALTH - NIH/PHS	Atchison, William	PHARMACOLOGY & TOXICOLOGY VET MEDICINE	INCREASING TRAINING OF HISPANIC NEUROSCIENTISTS AT MICHIGAN STATE UNIVERSITY (SUPPLEMENT K-12 NEUROSCIENCE WORKSHOP TRAINING)
409	\$12,981	NATL INST OF HEALTH - NIH/PHS	Atchison, William	PHARMACOLOGY & TOXICOLOGY VET MEDICINE	NEUROTOXIC MECHANISM OF METHYLMERCURY POISONING_ MINORITY POSTBACC SUPPLEMENT FOR DESIREE ROLON
410	\$9,605	NATL INST OF HEALTH - NIH/PHS	Atchison, William	PHARMACOLOGY & TOXICOLOGY VET MEDICINE	NEUROTOXIC MECHANISM OF METHYLMERCURY POISONING
411	\$230,250	NATL INST OF HEALTH - NIH/PHS	Hegg, Colleen	PHARMACOLOGY & TOXICOLOGY VET MEDICINE	NEURAL STEM CELL SUSCEPTIBILITY TO AMBIENT PARTICULATE MATTER OVER THE LIFESPAN
412	\$7,173	ANIMAL CLINICAL INVESTIGATION LLC	Dervisiz, Nikolaos	SMALL ANIMAL CLINICAL SCIENCES	C100: EXPLORATORY SAFETY STUDY OF AN INTRAVENOUS INFUSION OF C.NOVIYI-NT FOR THE TREATMENT OF MELANOMA, OSTEOSARCOMA, SOFT TISSUE SARCOMA OR SQUAMOUS CELL CARCINOMA IN DOGS
413	\$54,060	HILLS PET NUTRITION INC.	Kruger, John	SMALL ANIMAL CLINICAL SCIENCES	EFFECT OF DIETARY INTERVENTION ON FELINE LOWER URINARY TRACT DISORDERS
414	\$10,000	MI ANIMAL HEALTH FOUNDATION	Kruger, John	SMALL ANIMAL CLINICAL SCIENCES	CHARACTERIZATION OF UROTHELIAL EICOSANOID EXPRESSION IN CATS WITH IDIOPATHIC CYSTITIS
415	\$10,000	AMER COLLEGE OF VETERINARY DERMATOLOGY	Rosser, Edmund	SMALL ANIMAL CLINICAL SCIENCES	SURVEILLANCE OF METHICILLIN-RESISTANT STAPHYLOCOCCUS PSEUDINTERMEDIUS' PREVALENCE AS A COLONIZER OF THE DERMATOLOGY PATIENT AND AS A SURFACE CONTAMINANT IN A VETERINARY TEACHING HOSPITAL
416	\$17,218	MICHIGAN FITNESS FOUNDATION	Bernardo, Theresa	VETERINARY MEDICINE DEAN	MICHIGAN NUTRITION NETWORK: SOCIAL MEDIA, NUTRITION AND PHYSICAL ACTIVITY
417	\$91,253	NATL INST OF HEALTH - NIH/PHS	Yuzbasiyan-Gurkan, Vilma	VETERINARY MEDICINE DEAN	VETERINARY RESEARCH STUDENT TRAINING PROGRAM: BUILDING CAPACITY
VICE PROVOST LIBRARIES COMPUTING &TECHNLGY					
418	\$230,017	CORPORATION FOR PUBLIC BROADCASTING	Reid, Gary	BROADCASTING SERVICES	AUGMENT THE PUBLIC SERVICES OF WKAR-FM
419	\$20,558	CORPORATION FOR PUBLIC BROADCASTING	Reid, Gary	BROADCASTING SERVICES	AUGMENT INTERCONNECTION AND/OR PROGRAM DISTRIBUTION COSTS FOR WKAR-TV

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NAT'L SUPERCONDUCTING CYCLOTRON LABORATORY					
420	\$80,000	ENERGY US DEPT OF	Bogner, Scott	NAT'L SUPERCONDUCTING CYCLOTRON LAB	NUCLEI (NUCLEAR COMPUTATIONAL LOW-ENERGY INITIATIVE)
421	\$223,000	NATL SCIENCE FOUNDATION	Mantica, Paul	NAT'L SUPERCONDUCTING CYCLOTRON LAB	MRI: DEVELOPMENT OF A HIGH ACCURACY, HIGH PRECISION LASER SYSTEM FOR MEASUREMENTS OF NUCLEAR STRUCTURE AND FUNDAMENTAL SYMMETRIES
422	\$918,000	NOTRE DAME UNIVERSITY OF	Schatz, Hendrik	NAT'L SUPERCONDUCTING CYCLOTRON LAB	PHYSICS FRONTIERS CENTER: JOINT INSTITUTE FOR NUCLEAR ASTROPHYSICS (JINA)
423	\$6,670	UNIV OF CALIFORNIA BERKELEY	Thoennessen, Michael	NAT'L SUPERCONDUCTING CYCLOTRON LAB	NSSC-MSI SUMMER RESEARCH FELLOWSHIP
424	\$208,000	ENERGY US DEPT OF	Westfall, Gary	NAT'L SUPERCONDUCTING CYCLOTRON LAB	STUDY OF THE QCD PHASE DIAGRAM USING STAR AT RHIC
ASC PROV FOR UNIV OUTREACH & ENGAGEMENT					
425	\$15,000	MICHIGAN COUNCIL OF ARTS & CULTURAL AFFAIRS	Macdowell, Marsha	MUSEUM - UOE	MICHIGAN TRADITIONAL ARTS PROGRAM
426	\$152,711	COMMERCE US DEPT OF	Lamore, Rex	OUTREACH & ENGAGEMENT PARTNERSHIPS	CREATING INNOVATIVE REGIONAL INFRASTRUCTURE TO SUPPORT EXPORT MARKET ENTRY AND EXPANSION FOR SMALL AND MEDIUM BUSINESSES
427	\$183,375	ECONOMIC DEVELOPMENT ADMINISTRATION	Lamore, Rex	OUTREACH & ENGAGEMENT PARTNERSHIPS	EDA UNIVERSITY CENTER REGIONAL ECONOMIC INNOVATION REI
428	\$20,000	MI DEPT COMMUNITY HEALTH	McNall, Miles	OUTREACH & ENGAGEMENT PARTNERSHIPS	PROJECT LAUNCH EVALUATION
429	\$412,843	MICHIGAN DEPARTMENT OF EDUCATION	Van Egeren, Laurie	OUTREACH & ENGAGEMENT PARTNERSHIPS	2012-2013 STATE EVALUATION OF MICHIGAN 21ST CENTURY COMMUNITY LEARNING CENTERS
430	\$13,836	MICHIGAN UNIVERSITY OF	Fitzgerald, Hiram	UNIV OUTREACH & ENGAGEMENT - ADMIN	NEUROCOGNITIVE RISK FOR ALCOHOLISM INTO ADULTHOOD
431	\$50,344	NATL INST OF STANDARDS & TECHNOLOGY	Swierenga, Sarah	USABILITY/ ACCESSIBILITY RSCH CONSULTING	DESIGN OF ACCESSIBLE MOBILE VOTING SYSTEM STANDARDS

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432	\$77,535	US DEPT AGRICULTURE	Swierenga, Sarah	USABILITY/ ACCESSIBILITY RSCH CONSULTING	ROLE OF INTERNET AND MOBILE TECHNOLOGIES IN KNOWLEDGE TRANSFER, KNOWLEDGE MANAGEMENT AND PUBLIC PARTICIPATION IN OUTDOOR RECREATION
INTERNATIONAL STUDIES AND PROGRAMS					
433	\$97,387	EDUCATION U.S. DEPT OF	Metzler, John	AFRICAN STUDIES CENTER	UNDERSTANDING, INTERPRETING AND TEACHING ABOUT AFRICA IN THE WORLD THROUGH THE HUMANITIES AND SOCIAL STUDIES: CASE STUDY OF TANZANIA FOR PRE-SERVICE AND MENTOR TEACHERS
434	\$20,040	PEACE CORPS	Glew, Robert	CTR FOR ADV STUDY OF INTL DEVELOP - ISP	MSU PEACE CORPS RECRUITING OFFICE
435	\$500,000	KOLSCHOWSKY, GERALD AND KAREN FOUNDATION	Riedinger, Jeffrey	INTERNATIONAL STUDIES & PROGRAMS DEAN	STUDY ABROAD PROGRAM FOR THE TANZANIA PARTNERSHIPS FOR SUSTAINABLE COMMUNITY DEVELOPMENT PROGRAM
436	\$45,128,974	MASTERCARD FOUNDATION	Riedinger, Jeffrey	INTERNATIONAL STUDIES & PROGRAMS DEAN	MASTERCARD FOUNDATION 21ST CENTURY SCHOLARS, MICHIGAN STATE UNIVERSITY
MICHIGAN AGRICULTURAL EXPERIMENT STATION					
437	\$37,629	ARIZONA STATE UNIVERSITY	Horan, Richard	AG, FOOD, RESOURCE ECON MABR	MODELING ANTHROPOGENIC EFFECTS IN THE SPREAD OF INFECTIOUS DISEASES
438	\$24,250	INTERNATIONAL JOINT COMMISSION	Lupi, Frank	AG, FOOD, RESOURCE ECON MABR	LAKE ERIE ALGAL BLOOMS ECONOMIC IMPACTS
439	\$66,735	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Lupi, Frank	AG, FOOD, RESOURCE ECON MABR	A STATEWIDE SURVEY OF MICHIGAN'S LICENSED ANGLERS
440	\$82,321	RENSSELAER POLYTECHNIC INSTITUTE	Cibelli, Jose	ANIMAL SCIENCE DEPARTMENT MABR	DERIVATION OF XENOFREE HUMAN EMBRYONIC STEM CELL LINES FROM MINORITY POPULATIONS
441	\$75,000	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Coussens, Paul	ANIMAL SCIENCE DEPARTMENT MABR	BOVINE IMMUNITY TO M. PARATUBERCULOSIS INFECTION: THE ROLE OF REGULATORY T CELLS
442	\$11,750	ALLTECH INC	Hill, Gretchen	ANIMAL SCIENCE DEPARTMENT MABR	MINERALS IN SWINE NUTRITION
443	\$181,342	NCR-SARE	Rowntree, Jason	ANIMAL SCIENCE DEPARTMENT MABR	A LOCAL PASTURE-BASED BEEF PRODUCTION SYSTEM FOR NORTHWEST MICHIGAN
444	\$116,678	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Sordillo-Gandy, Lorraine	ANIMAL SCIENCE DEPARTMENT MABR	UNDERSTANDING THE ROLE ADIPONECTIN PLAYS IN MACROPHAGE LIPID MEDIATOR PRODUCTION DURING BOVINE METABOLIC STRESS

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445	\$75,000	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Sordillo-Gandy, Lorraine	ANIMAL SCIENCE DEPARTMENT MABR	FATTY ACIDS INFLUENCE THE INFLAMMATORY RESPONSE OF MACROPHAGES IN PERIPARTURIENT DAIRY COWS
446	\$75,000	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Sordillo-Gandy, Lorraine	ANIMAL SCIENCE DEPARTMENT MABR	SELENIUM BIOACTIVITY ALTERS EICOSANOID BIOSYNTHESIS IN MACROPHAGES
447	\$1,925,000	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Vandehaar, Michael	ANIMAL SCIENCE DEPARTMENT MABR	GENOMIC SELECTION AND HERD MANAGEMENT FOR IMPROVED FEED EFFICIENCY OF THE DAIRY INDUSTRY
448	\$11,642	CORN MARKETING PROGRAM OF MICHIGAN	Yokoyama, Melvin	ANIMAL SCIENCE DEPARTMENT MABR	COMBINATION OF BORAX AND CONDENSED, QUEBRACHO TANNIN (B/T) COMBINATIONS TO REDUCE HYDROGEN SULFIDE, AMMONIA AND GREENHOUSE GAS EMISSIONS FROM STORED SWINE MANURE
449	\$59,510	USDA - FOREIGN AG SER	Dolan, Kirk	BIOSYSTEMS & AG ENGINEERING MABR	BORLAUG FEED THE FUTURE FELLOWS KENYA MARCH 3 TO MAY 25, 2013 (BORLAUG FELLOWSHIP PROGRAM)
450	\$35,000	THE COCA-COLA COMPANY	Saffron, Christopher	BIOSYSTEMS & AG ENGINEERING MABR	ISOBUTYLENE CONVERSION TO BTEX USING ZEOLITE CATALYSTS
451	\$12,101	STATE OF SOUTH CAROLINA, SEA GRANT CONSORTIUM	Oh, Chi-Ok	COMMUNITY, AG, REC & RES STD MABR	UNDERSTANDING DEMAND FOR VALUE-ADDED PRODUCTS AND SERVICES ASSOCIATED WITH FOR-HIRE BOAT FISHING TRIPS ON THE SOUTH CAROLINA COAST
452	\$372,417	USDA - FOREIGN AG SER	Schultink, Gerhardus	COMMUNITY, AG, REC & RES STD MABR	IMPACT EVALUATION AND CAPACITY DEVELOPMENT SERVICES IN THE REPUBLIC OF MOZAMBIQUE AND BENIN
453	\$90,625	UNIV OF WISCONSIN - MADISON	Douches, David	CROP AND SOIL SCIENCE MABR	DEVELOPMENT OF MULTIPURPOSE POTATO CULTIVARS WITH ENHANCED QUALITY, DISEASE AND PEST RESISTANCE NORTH CENTRAL REGION, 2012
454	\$13,636	US DEPT AGRICULTURE	Douches, David	CROP AND SOIL SCIENCE MABR	IDENTIFYING RESISTANCE TO COMMON SCAB AND IMPROVING DISEASE MANAGEMENT
455	\$139,890	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Douches, David	CROP AND SOIL SCIENCE MABR	TRANSLATING SOLANACEAE SEQUENCE DIVERSITY AND TRAIT VARIATION INTO APPLIED OUTCOMES THROUGH INTEGRATIVE RESEARCH, EDUCATION, AND EXTENSION. SUPPLEMENTAL AWARD- PLANT BREEDING CAPACITY IN AFRICA AS PART OF THE USDA-AGRA COLLABORATION
456	\$33,788	US DEPT AGRICULTURE	Kelly, James	CROP AND SOIL SCIENCE MABR	PYRAMIDING QTL FOR WHITE MOLD RESISTANCE INTO MESOAMERICAN BEANS
457	\$198,187	NATIONAL PHILANTHROPIC TRUST	Lenski, Richard	CROP AND SOIL SCIENCE MABR	MYSTERY OF MYSTERIES: A STUDY OF INCIPIENT SPECIATION IN THE LAB

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458	\$9,500	MICH TURFGRASS FOUNDATION	Rogers, John	CROP AND SOIL SCIENCE MABR	TURFGRASS TESTING
459	\$40,000	MICHIGAN DEPARTMENT OF AGRICULTURE	Rogers, John	CROP AND SOIL SCIENCE MABR	GOLF COURSE FAIRWAY ROLLING PROGRAMS TO DECREASE PESTICIDE INPUTS AND ENHANCE PLAYING QUALITY
460	\$17,500	BASF CORPORATION	Sprague, Christy	CROP AND SOIL SCIENCE MABR	WEED MANAGEMENT STRATEGIES IN SOYBEAN, SUGAR BEETS AND DRY BEANS.
461	\$7,200	LEHIGH AGRI & BIOLOGICAL SERVICES INC.	Sprague, Christy	CROP AND SOIL SCIENCE MABR	WEED MANAGEMENT STRATEGIES IN SOYBEAN, SUGAR BEETS, AND DRY BEANS.
462	\$10,000	MICH BEAN COMMISSION	Sprague, Christy	CROP AND SOIL SCIENCE MABR	WEED MANAGEMENT STRATEGIES IN SOYBEAN, SUGAR BEETS, AND DRY BEANS.
463	\$20,000	MONSANTO COMPANY	Sprague, Christy	CROP AND SOIL SCIENCE MABR	WEED MANAGEMENT STRATEGIES IN SOYBEAN, SUGAR BEETS, AND DRY BEANS.
464	\$8,050	MONSANTO COMPANY	Sprague, Christy	CROP AND SOIL SCIENCE MABR	PROTOCOL 2012-01-09-04 AND 2012-01-09-07
465	\$30,000	PURDUE UNIV	Sprague, Christy	CROP AND SOIL SCIENCE MABR	USB SUPPORT FOR GLYPHOSATE-RESISTANT WEED EXTENSION
466	\$7,500	WINFIELD SOLUTIONS, LLC	Sprague, Christy	CROP AND SOIL SCIENCE MABR	SOYBEAN RESEARCH
467	\$8,500	AGRIUM ADVANCED TECHNOLOGIES	Steinke, Kurt	CROP AND SOIL SCIENCE MABR	TURFGRASS RESEARCH
468	\$8,500	AGRIUM ADVANCED TECHNOLOGIES	Steinke, Kurt	CROP AND SOIL SCIENCE MABR	SOIL FERTILITY AND NUTRIENT MANAGEMENT STRATEGIES ACROSS AGRICULTURAL PRODUCTION SYSTEMS.
469	\$41,017	AGRIGENETICS COMPANY	Thelen, Kurt	CROP AND SOIL SCIENCE MABR	CORN AND SOYBEAN PRODUCTION SYSTEMS.
470	\$5,648	LOVELAND PRODUCTS INC	Thelen, Kurt	CROP AND SOIL SCIENCE MABR	CORN AND SOYBEAN PRODUCTION SYSTEMS, CORN HYBRID VARIETY TESTING.
471	\$37,982	US DEPT AGRICULTURE	Wang, Dechun	CROP AND SOIL SCIENCE MABR	ENHACING SOYBEAN FOR RESISTANCE TO SCLEROTINIA STEM ROT
472	\$131,137	USDA - ANIMAL AND PLT HTL INSP SER	Delfosse, Ernest	ENTOMOLOGY MABR	HOST-SPECIFICITY TESTING OF NATURAL ENEMIES OF THE BROWN MARMORATED STINK BUG (BMSB),HALYOMORPHA HALYS (STÅL) (HEMIPTERA: PENTATOMIDAE)
473	\$10,000	US DEPT AGRICULTURE	Olsen, Larry	ENTOMOLOGY MABR	MICHIGAN STATE UNIVERSITY PROPOSAL FOR FY 2012-13 PESTICIDE SAFETY EDUCATION PROGRAM FUNDS
474	\$72,978	CASE WESTERN RESERVE UNIV	Walker, Edward	ENTOMOLOGY MABR	CASE-PNG GLOBAL INFECTIOUS DISEASE RESEARCH TRAINING PROGRAM

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475	\$22,500	BAYER CROPS SCIENCE SA-NV	Wise, John	ENTOMOLOGY MABR	FRUIT PEST MANAGEMENT RESEARCH WITH BAYER INSECTICIDES
476	\$48,800	E. I. DU PONT DE NEMOURS & COMPANY	Wise, John	ENTOMOLOGY MABR	FRUIT PEST MANAGEMENT RESEARCH WITH DUPONT INSECTICIDES
477	\$16,500	E. I. DU PONT DE NEMOURS & COMPANY	Wise, John	ENTOMOLOGY MABR	APPLE PEST MANAGEMENT RESEARCH WITH DUPONT INSECTICIDES
478	\$12,200	E. I. DU PONT DE NEMOURS & COMPANY	Wise, John	ENTOMOLOGY MABR	CHERRY PEST MANAGEMENT RESEARCH WITH DUPONT INSECTICIDES
479	\$6,000	EUROFINS AGROSCIENCE SERVICES, INC.	Wise, John	ENTOMOLOGY MABR	EUROFINS INSECTICIDE TESTING IN FRUIT CROPS
480	\$22,500	LEHIGH AGRI & BIOLOGICAL SERVICES INC.	Wise, John	ENTOMOLOGY MABR	TESTING NICHINO INSECTICIDES WITH TRUNK INJECTION IN APPLES
481	\$10,000	MCLAUGHLIN GORMLEY KING CO	Wise, John	ENTOMOLOGY MABR	TESTING MGK INSECTICIDES FOR APPLE PEST MANAGEMENT
482	\$75,000	MICHIGAN DEPARTMENT OF AGRICULTURE	Wise, John	ENTOMOLOGY MABR	INNOVATIVE FRUIT PLANTINGS: KEEPING MICHIGAN FRUIT PRODUCERS COMPETITIVE BY ESTABLISHING RESEARCH PLOTS DESIGNED FOR 21ST CENTURY PRODUCTION NEEDS
483	\$78,831	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Wise, John	ENTOMOLOGY MABR	TRUNK INJECTION: A DISCRIMINATING DELIVERY SYSTEM FOR TREE FRUIT IPM
484	\$6,000	VALENT USA CORP	Wise, John	ENTOMOLOGY MABR	FRUIT PEST TESTING WITH VALENT INSECTICIDES
485	\$124,000	US GEOLOGICAL SURVEY	Jones, Michael	FISHERIES AND WILDLIFE MABR	RESEARCH, MANAGEMENT AND COMMUNICATION PERTAINING TO POPULATION GENETICS, CONSERVATION GENETICS AND BIODIVERSITY OF AQUATIC SPECIES WITHIN THE GREAT LAKES BASIN.
486	\$86,668	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Scribner, Kim	FISHERIES AND WILDLIFE MABR	LAKE STURGEON ACIPENSER FLAVESCENT POPULATION STATUS IN THE CHEBOYGAN RIVER WATERSHED LAKES, MICHIGAN
487	\$12,450	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Scribner, Kim	FISHERIES AND WILDLIFE MABR	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
488	\$75,000	HERRICK FOUNDATION	Weeks, Christopher	FISHERIES AND WILDLIFE MABR	INTEGRATED ASSESSMENT - EXPANSION OF MICHIGAN'S EXISTING COMMERCIAL AQUACULTURE ACTIVITIES INTO A MAJOR SUSTAINABLE SEAFOOD PRODUCTION INDUSTRY

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489	\$139,009	NATL AERONAUTICS AND SPACE ADM	Finley, Andrew	FORESTRY MABR	IMPROVING BIOMASS MAPPING ACCURACY WITH OPTICAL-LIDAR DATA AND HIERARCHICAL BAYESIAN SPATIAL MODELS
490	\$75,536	USDA - FOREST SERVICE	Macfarlane, David	FORESTRY MABR	AN IMPROVED BIOMASS AND CARBON DATABASE FOR U.S. TREE SPECIES
491	\$35,999	SOUTH DAKOTA STATE UNIVERSITY	Miller, Raymond	FORESTRY MABR	WILLOW BIOMASS CROP FEEDSTOCK DEVELOPMENT PLAN FOR 2012 FOR THE NORTHEAST AND MIDWEST U.S.
492	\$25,000	SOUTH DAKOTA STATE UNIVERSITY	Miller, Raymond	FORESTRY MABR	POPLAR BIOMASS CROP FEEDSTOCK DEVELOPMENT PLAN FOR 2012 FOR THE NORTHEAST AND MIDWEST U.S.
493	\$12,000	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Propst, Dennis	FORESTRY MABR	ROLE OF INTERNET IN KNOWLEDGE TRANSFER, KNOWLEDGE MANAGEMENT & PUBLIC PARTICIPATION IN OUTDOOR RECREATION: CONTINUATION NO. 1 - RENEWAL
494	\$35,076	MARYLAND UNIV OF	Skole, David	FORESTRY MABR	SUPPORT TO THE LAND COVER AND LAND USE CHANGE SCIENCE PROGRAM
495	\$65,230	NORTHWEST AGRICULTURE & FORESTRY UNIVERSITY	Yin, Runsheng	FORESTRY MABR	SUMMER STUDY ABROAD AT MICHIGAN STATE UNIVERSITY
496	\$19,999	AGENCY FOR INTERNATL DEVELOPMENT	Andresen, Jeffrey	GEOGRAPHY MABR	THE IMPACT OF CLIMATE VARIABILITY AND CHANGE ON SWEET POTATOES IN UGANDA
497	\$1,512,458	USDA - AGRICULTURE U.S. DEPT. OF - ES	Iezzoni, Amy	HORTICULTURE MABR	ROSBREED: ENABLING MARKER ASSISTED BREEDING IN ROSACEAE
498	\$15,000	GRAYSON-JOCKEY CLUB RESEARCH FDN INC	Derksen, Frederik	LARGE ANIMAL CLINICAL SCIENCES MABR	PULMONARY MICROVASCULAR FUNCTION AND EIPH
499	\$199,912	NCR-SARE	Norby, Bo	LARGE ANIMAL CLINICAL SCIENCES MABR	NON-ANTIBIOTIC ALTERNATIVES FOR BOVINE MASTITIS THERAPY NCR 013.12
500	\$50,000	BIOGAIA	Britton, Robert	MICROBIOLOGY & MOLECULAR GEN MABR	ASSESSING THE ABILITY OF L. REUTERI ATCC PTA 4659 TO AMELIORATE SYMPTOMS OF OSTEOPOROSIS
501	\$80,000	CHR. HANSEN	Britton, Robert	MICROBIOLOGY & MOLECULAR GEN MABR	TRANSFORMATION OF S. THERMOPHILUS
502	\$373,071	NATL INST OF HEALTH - NIH/PHS	Hausinger, Robert	MICROBIOLOGY & MOLECULAR GEN MABR	CHARACTERIZATION OF FE(II)/ALPHA-KETOGLUTARATE-DEPENDENT HYDROXYLASES
503	\$28,800	MARYLAND UNIV OF	Schmidt, Thomas	MICROBIOLOGY & MOLECULAR GEN MABR	BIODIVERSITY CONSERVATION AND DRUG DISCOVERY IN MADAGASCAR AND MICROBIAL COMMUNITY ASSESSMENT IN MARINE MICROBIAL FIELD TRAINING

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504	\$181,695	MICHIGAN UNIVERSITY OF	Schmidt, Thomas	MICROBIOLOGY & MOLECULAR GEN MABR	UNDERSTANDING THE LUNG MICROBIOME IN HIV-INFECTED AND HIV-UNINFECTED INDIVIDUALS
505	\$15,000	KELLOGG W K COMPANY	Bix, Laura	PACKAGING MABR	AGING SUCCESSFULLY-PACKAGING STUDY TO REVIEW CURRENT KELLOGG'S RTEC PACKAGING AND COMPETITIVE PACKAGING
506	\$202,149	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Matuana, Laurent	PACKAGING MABR	VALUE IMPROVEMENT OF LOW QUALITY HARDWOODS IN THE APPALACHIAN AND NORTHEASTERN REGIONS
507	\$270,477	US DEPT AGRICULTURE	Mohankumar, Puliur	PATHOBIOLOGY & DIAGNOSTIC INVESTGN MABR	USDA TRI-LATERAL PARTNERSHIP
508	\$15,000	AMER FLORAL ENDOWMENT	Hausbeck, Mary	PLANT PATHOLOGY MABR	PREVENTING POWDERY AND DOWNY MILDEWS FROM RUINING FLOWER CROPS.
509	\$27,200	BASF CORPORATION	Hausbeck, Mary	PLANT PATHOLOGY MABR	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
510	\$11,400	BASF CORPORATION	Hausbeck, Mary	PLANT PATHOLOGY MABR	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
511	\$133,200	E. I. DU PONT DE NEMOURS & COMPANY	Hausbeck, Mary	PLANT PATHOLOGY MABR	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSMPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
512	\$19,373	GINSENG BOARD OF WISCONSIN	Hausbeck, Mary	PLANT PATHOLOGY MABR	PEST MANAGEMENT STRATEGIES TO REPLACE MANCOZEB AND DIAZINON FOR GINSENG.
513	\$11,000	GOWAN COMPANY	Hausbeck, Mary	PLANT PATHOLOGY MABR	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
514	\$6,000	ISK BIOSCIENCES	Hausbeck, Mary	PLANT PATHOLOGY MABR	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
515	\$43,001	MICH ASPARAGUS ADVISORY BOARD	Hausbeck, Mary	PLANT PATHOLOGY MABR	DISEASES OF UPLAND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
516	\$13,000	MICH ASPARAGUS RESEARCH INC	Hausbeck, Mary	PLANT PATHOLOGY MABR	IMPROVING THE PRODUCTIVITY OF ASPARAGUS FIELDS TO REDUCE THE COSTS OF PRODUCTION.
517	\$14,214	MICH CARROT COMMITTEE	Hausbeck, Mary	PLANT PATHOLOGY MABR	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.

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518	\$9,108	PICKLE PACKERS INTERNATL INC	Hausbeck, Mary	PLANT PATHOLOGY MABR	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
519	\$7,700	SYNGENTA CROP PROTECTION INC	Hausbeck, Mary	PLANT PATHOLOGY MABR	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
520	\$165,038	USDA - AGRICULTURE U.S. DEPT. OF - ES	Hausbeck, Mary	PLANT PATHOLOGY MABR	EMPLOYING NEW TOOLS TO DETECT AND LIMIT PHYTOPHTHORA ROOT ROT, DOWNY MILDEW, AND OTHER KEY PATHOGENS OF FLORAL CROPS.
521	\$28,600	BASF CORPORATION	Sundin, George	PLANT PATHOLOGY MABR	DISEASES OF TREE FRUIT CROPS AND THEIR CONTROL.
522	\$40,000	BAYER CORP.	Sundin, George	PLANT PATHOLOGY MABR	DISEASES OF TREE FRUIT CROPS AND THEIR CONTROL.
523	\$6,000	BAYER CROPS SCIENCE SA-NV	Sundin, George	PLANT PATHOLOGY MABR	DISEASES OF TREE FRUIT CROPS AND THEIR CONTROL.
524	\$6,200	CHEMINOVA INC	Sundin, George	PLANT PATHOLOGY MABR	DISEASE OF TREE FRUIT CROPS AND THEIR CONTROL.
525	\$8,800	SCIESSENT LLC	Sundin, George	PLANT PATHOLOGY MABR	DISEASE OF TREE FRUIT CROPS AND THEIR CONTROL
MICHIGAN STATE UNIVERSITY EXTENSION					
526	\$18,153	US POULTRY & EGG ASSOCIATION	Karcher, Darrin	ANIMAL SCIENCE DEPARTMENT - MSUE	ENRICHED COLONY CAGES: STOCKING DENSITY ON LAYING HEN WELL-BEING
527	\$7,482	MICH PORK PRODUCERS ASSOC	Rozeboom, Dale	ANIMAL SCIENCE DEPARTMENT - MSUE	ODOR EMISSIONS FROM SEGREGATED LIQUIDS AND SOLIDS FROM A "V"-SHAPED PIT FLOOR WITH AN ADAPTED SCRAPER SYSTEM OR SLURRY FROM A DEEP PIT, BOTH BENEATH THE SLATTED FLOOR OF GROWING-FINISHING SWINE PENS
528	\$61,610	NATL PORK BOARD	Powers-Schilling, Wendy	BIOSYSTEMS & AG ENGINEERING MSUE	FEEDING AMINO ACIDS TO REDUCE AIR EMISSIONS AND THE CARBON FOOTPRINT OF SWINE PRODUCTION
529	\$102,250	ORCHARD SUPPLY HARDWARE	Mahoney, Edward	COMMUNITY, AG, REC AND RES STD MSUE	ORCHARD SUPPLY HARDWARE
530	\$9,500	MICH TURFGRASS FOUNDATION	Frank, Kevin	CROP AND SOIL SCIENCES MSUE	TURFGRASS RESEARCH
531	\$7,041	MICH TURFGRASS FOUNDATION	Frank, Kevin	CROP AND SOIL SCIENCES MSUE	TURFGRASS PHYSIOLOGY AND MANAGEMENT.
532	\$12,500	SUNCOR ENERGY INC.	Kells, James	CROP AND SOIL SCIENCES MSUE	TURFGRASS RESEARCH

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533	\$65,000	US DEPT AGRICULTURE	Kells, James	CROP AND SOIL SCIENCES MSUE	ACQUISITION OF GOODS AND SERVICES. BEET RESEARCH
534	\$52,686	US DEPT AGRICULTURE	Kells, James	CROP AND SOIL SCIENCES MSUE	HOSTING THE MANAGER OF THE USWB'S NETWORKING AND FACILITATION OFFICE
535	\$10,544	US DEPT AGRICULTURE	Kells, James	CROP AND SOIL SCIENCES MSUE	ACQUISITION OF GOODS & SERVICES. BEET RESEARCH
536	\$7,040	US DEPT AGRICULTURE	Kells, James	CROP AND SOIL SCIENCES MSUE	BEAN-BEET GENERAL SUPPLIES-UTILITIES
537	\$49,083	NEBRASKA UNIVERSITY OF	Durst, Phillip	EXTENSION AGRICULTURE AND AGRIBUSINESS	OPENING THE COMMUNICATION LINES WITH FARM EMPLOYEES
538	\$15,000	REGENTS OF THE UNIVERSITY OF MINNESOTA	Mutch, Dale	EXTENSION AGRICULTURE AND AGRIBUSINESS	FOOD, FUEL AND FIBER NETWORK
539	\$199,153	MINNESOTA UNIV OF	Rossmann, Daniel	EXTENSION AGRICULTURE AND AGRIBUSINESS	ON-FARM ORGANIC SOYBEAN VARIETY TRIALS
540	\$50,299	MICH 4-H FOUNDATION	Chapin, Julie	EXTENSION CHILDREN AND YOUTH	4-H YOUTH DEVELOPMENT
541	\$49,921	NEBRASKA UNIVERSITY OF	Frendo, Molly	EXTENSION CHILDREN AND YOUTH	VOLUNTEERISM COMMUNITY OF PRACTICE
542	\$29,400	MI DEPT COMMUNITY HEALTH	Contreras, Dawn	EXTENSION HEALTH AND NUTRITION	WISEWOMAN ENTREPRENEURIAL GARDENING PROJECT
543	\$25,000	MI DEPT COMMUNITY HEALTH	Newkirk, Cathy	EXTENSION HEALTH AND NUTRITION	MDCH BED BUG GRANT
544	\$26,006	BD OF REGENTS OF THE UNIV WISCONSIN SYS	Pistis, Charles	FISHERIES AND WILDLIFE MSUE	FISHING TOURNAMENT ORGANIZERS AND PROFESSIONAL ANGLERS: EXTENDING AIS-HACCP AND THE STOP AQUATIC HITCHHIKERS CAMPAIGN
545	\$14,122	OHIO STATE UNIV RESEARCH FOUNDATION	Pistis, Charles	FISHERIES AND WILDLIFE MSUE	2011 GREAT LAKES CHARTER CAPTAINS SURVEY
546	\$79,285	REGENTS OF THE UNIVERSITY OF MICHIGAN	Pistis, Charles	FISHERIES AND WILDLIFE MSUE	GREEN MARINA EDUCATION AND OUTREACH PROJECT, PHASE II
547	\$46,000	REGENTS OF THE UNIVERSITY OF MICHIGAN	Pistis, Charles	FISHERIES AND WILDLIFE MSUE	SHIP TIME - MICHIGAN SEA GRANT
548	\$38,000	REGENTS OF THE UNIVERSITY OF MICHIGAN	Pistis, Charles	FISHERIES AND WILDLIFE MSUE	MINIBUS: SHIP TIME 2012 - GREAT LAKES EDUCATION

**Gift, Grant and Contract Report
Board Of Trustees
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	Amount	Donor	Director	Unit	Purpose
549	\$10,336	FOOD STANDARDS AUSTRALIA NEW ZEALAND	Bourquin, Leslie	FOOD SCIENCE AND HUMAN NUTRITION MSUE	CAPTURE AND PRODUCTION OF EDUCATIONAL CONTENT FOR THE ASIA PACIFIC ECONOMIC COOPERATION (APEC) FORUM'S PARTNERSHIP TRAINING INSTITUTE NETWORK (PTIN)
550	\$32,967	NATHAN ASSOCIATES INC	Bourquin, Leslie	FOOD SCIENCE AND HUMAN NUTRITION MSUE	MAXIMIZING AGRICULTURAL REVENUE THROUGH KNOWLEDGE, ENTERPRISE DEVELOPMENT, AND TRADE (MARKET) - MSU PLANNING
551	\$238,750	SAUDI ARABIAN EDUCATIONAL MISSION	Bourquin, Leslie	FOOD SCIENCE AND HUMAN NUTRITION MSUE	COLLABORATION AGREEMENT BETWEEN SAUDI FOOD AND DRUG AUTHORITY AND MICHIGAN STATE UNIVERSITY
552	\$24,132	SSAFE	Bourquin, Leslie	FOOD SCIENCE AND HUMAN NUTRITION MSUE	FOOD SAFETY TRAINING PROGRAM – INDIA
553	\$58,633	USDA - FOREIGN AG SER	Bourquin, Leslie	FOOD SCIENCE AND HUMAN NUTRITION MSUE	APEC PTIN FOOD SAFETY CAPACITY BUILDING SUPPORT
554	\$30,000	HORTICULTURAL RES INSTITUTE	Behe, Bridget	HORTICULTURE - MSUE	THE COLOR OF MARKETING: HOW MUCH VALUE DO CONSUMERS PLACE ON GREEN (SUSTAINABILITY) AND BLUE (WATER CONSERVATION) MARKETING?
555	\$5,936	SCHMIDT J FRANK FAMILY CHARITABLE FDN	Cregg, Bert	HORTICULTURE - MSUE	URBAN TREE SELECTION IN A CHANGING CLIMATE.
556	\$10,000	SCHMIDT J FRANK FAMILY CHARITABLE FDN	Fernandez, Rodney	HORTICULTURE - MSUE	USING RFID FOR LOGISTICS MANAGEMENT: PRODUCT FLOW AND LABOR AND EQUIPMENT DATA ACQUISITION.
557	\$141,004	CALIFORNIA UNIVERSITY OF - DAVIS	Ngouajio, Mathieu	HORTICULTURE - MSUE	LOW COST PEST EXCLUSION AND MICROCLIMATE MODIFICATION TECHNOLOGIES FOR SMALL-SCALE VEGETABLE GROWERS IN EAST AND WEST AFRICA
558	\$181,403	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Ngouajio, Mathieu	HORTICULTURE - MSUE	METHYL BROMIDE TRANSITION STRATEGIES FOR FRESH MARKET VEGETABLE PRODUCTION IN REGIONS WITH TEMPERATE CLIMATE AND NARROW GROWING WINDOW.
559	\$9,700	BALL HORTICULTURAL CO	Runkle, Erik	HORTICULTURE - MSUE	UNRESTRICTED GIFT IN SUPPORT OF FLORICULTURE RESEARCH.
560	\$13,450	FINE AMERICAS INC	Runkle, Erik	HORTICULTURE - MSUE	UNRESTRICTED GIFT IN SUPPORT OF RESEARCH ON PGR USES IN FLORICULTURE CROPS.

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561	\$7,500	PROVEN WINNERS NORTH AMERICA LLC	Runkle, Erik	HORTICULTURE - MSUE	UNRESTRICTED GIFT TOWARD FLORICULTURE RESEARCH.
562	\$19,412	MICHIGAN DEPARTMENT OF AGRICULTURE	Sabbatini, Paolo	HORTICULTURE - MSUE	IMPROVING FRUIT QUALITY IN CONCORD GRAPEVINES FOR SUSTAINABLE AND ECONOMICAL PRODUCTION OF JUICE GRAPES IN MICHIGAN.
563	\$8,050	BAYER CROPS SCIENCE SA-NV	Zandstra, Bernard	HORTICULTURE - MSUE	UNRESTRICTED GIFT IN SUPPORT OF RESEARCH PROGRAM.
564	\$8,400	ISK BIOSCIENCES	Zandstra, Bernard	HORTICULTURE - MSUE	UNRESTRICTED GIFT IN SUPPORT OF RESEARCH.
565	\$8,000	VAN DRUNEN FARMS	Zandstra, Bernard	HORTICULTURE - MSUE	UNRESTRICTED GIFT IN SUPPORT OF RESEARCH.
566	\$10,000	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Higman, Phyllis	NATURAL FEATURES INVENTORY MSUE	15. CIG
567	\$25,145	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Klatt, Brian	NATURAL FEATURES INVENTORY MSUE	MONITORING BAT SPECIES DIVERSITY IN THE CENTRAL UPPER PENINSULA OF MICHIGAN
568	\$79,874	GREAT LAKES COMMISSION	Monfils, Michael	NATURAL FEATURES INVENTORY MSUE	GREAT LAKES PELAGIC BIRD SURVEYS
569	\$46,995	MI PHYS. FITNESS - HEALTH & SPORTS FDTN	Beyea, Wayne	SCHL OF PLANNING, DESIGN & CNST-MSUE	MY POWER III
VICE PRES RESEARCH AND GRADUATE STUDIES					
570	\$210,687	COMMUNITY FOUNDATION HOLLAND/ZEELAND AREA	Hunt, Paul	ASSOCIATE VICE PRESIDENT FOR RESEARCH	SUPPORT FOR BIOECONOMY INSTITUTE R&D DIRECTOR
571	\$218,808	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Ong, Benjamin	INSTITUTE FOR CYBER-ENABLED RESEARCH	FAULT TOLERANT PARADIGMS
572	\$50,000	GOLDMAN SACHS & CO	Hsu, Stephen	RESEARCH & GRADUATE STUDIES VICE PRES	GOLDMAN SACHS GIVES ANNUAL GIVING FUND
GRADUATE SCHOOL DEAN					
573	\$27,989	VAN ANDEL RESEARCH INSTITUTE	Klomprens, Karen	GRADUATE SCHOOL DEAN	GRADUATE EDUCATION COLLABORATION
UNIVERSITY ADVANCEMENT					
574	\$13,213,409	VARIOUS DONORS	Groves, Robert	VICE PRESIDENT UNIVERSITY ADVANCEMENT	GIFTS TO MSU FOR PERIOD JULY THROUGH SEPTEMBER, 2012

**Gift, Grant and Contract Report
Board Of Trustees
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	Amount	Donor	Director	Unit	Purpose
V.P. FINANCE AND OPERATIONS AND TREASURER					
575	\$6,182	MI CRIMINAL JUSTICE	Dunlap, James	DEPARTMENT OF POLICE AND PUBLIC SAFETY	IN SERVICE TRAINING OF POLICE OFFICERS
576	\$21,846	MSU FOUNDATION	Poston, Fred	FINANCE & OPERATIONS VP & TREASURER	SALARIES AND FRINGES PAID FOR FISCAL YEAR 2012-13
577	\$465,271	VARIOUS DONORS	Poston, Fred	MSU FOUNDATION	QUARTERLY GIFT/GRANT TRANSFERS
Various					
578	\$571,230	VARIOUS	Various	Various	236 CONSOLIDATED GRANTS WITH INDIVIDUAL VALUES LESS THAN \$5000. DETAILS ON FILE IN CONTRACT & GRANT ADMIN., ROOM 301 ADMIN. BLDG.
	\$139,381,906	Total December 2012 Board			

CONSIGNMENT/NON-CASH GIFTS
BOARD OF TRUSTEES
DECEMBER 2012

GIFT NO.	GIFT	DONOR	DEPARTMENT NAME	ESTIMATED VALUE	PURPOSE OR USE
1	CAPE Pack Packaging Design & Palletization Software (30-Seat License)	CAPE Systems, Inc.	School of Packaging	\$119,000.00	Student instruction
2	Catering for MSU Hockey Team	Tropo's Kris Elliott	Spartan Fund – Athletics	\$31,050.00	Catering for the MSU Hockey Team
3	4 bags of mice & 20 bags of rats	Charles River	MSU Kellogg Biological Station	\$10,488.00	Feed for the raptors
4	507 Vogue patterns, 52 Islander, Hinse, Burda and misc patterns	Fabric Gallery	Theatre	\$7,010.88	Costume shop
5	Folders, note cards and envelopes	Spartan Graphics David Clay	Spartan Fund – Athletics	\$5,020.00	Upcoming campaign & Spartan Fund events
6	Stratasys FDM 3000 rapid prototype machine	JM Smucker Co.	School of Packaging	\$5,000.00	Student instruction
7	“Tanto” 13 year old gelding	Robert Finlayson	Large Animal Clinical Sciences	\$5,000.00	Robinson research
8	“PT” 21 year old gelding	Susanne Baird	Large Animal Clinical Sciences	\$5,000.00	Robinson research
9	“Second Orphon” 10 year old gelding	Moonlyte Equestrian Center Bethany Berarov	Large Animal Clinical Sciences	\$5,000.00	Coelho research

CONSIGNMENT/NON-CASH GIFTS
BOARD OF TRUSTEES
DECEMBER 2012

10-72	Various	Various	Various	\$77,396.26	63 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	269,965.14	