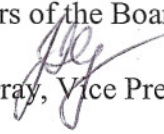


**MICHIGAN STATE**  
**UNIVERSITY**

September 2, 2010

**MEMORANDUM**

TO: Members of the Board of Trustees

FROM: J. Ian Gray, Vice President 

SUBJECT: Gift, Grant and Contract Report

RECOMMENDATION: That the Board of Trustees approve the attached Gift, Grant and Contract Report for the period of June 2, 2010 through September 2, 2010. The report is a compilation of 597 Gifts, Grants and Contracts, 96 Consignment/Non-Cash Gifts, with a total value of \$136,841,439.

FY 2010-11 TOTALS:

a) Gifts & Grants only:	\$132,116,870
b) Gifts, Grants, & Consignments:	\$136,841,439

(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**

**J. Ian Gray  
Vice President**

Michigan State University  
232 Administration Building  
East Lansing, MI  
48824-1046  
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[www.msu.edu/unit/vprgs](http://www.msu.edu/unit/vprgs)

JIG/sb

# Current Period / Year to Date

## Gift & Grant Awards

Meeting Date: 9/17/2010

### AWARD TOTALS

RESEARCH			
	06/02/10-09/02/10	10-11 YTD	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal	62,905,291	62,905,291	83.7%
State of Michigan	990,284	990,284	1.3%
Other	3,820,140	3,820,140	5.1%
Industry	1,121,569	1,121,569	1.5%
Foundation	6,121,723	6,121,723	8.1%
Association	212,146	212,146	0.3%
<b>TOTAL</b>	<b>75,171,153</b>	<b>75,171,153</b>	<b>100.0%</b>

NON-RESEARCH			
	06/02/10-09/02/10	10-11 YTD	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal	20,996,346	20,996,346	36.9%
State of Michigan	531,775	531,775	0.9%
Other	32,064,133	32,064,133	56.3%
Industry	207,126	207,126	0.4%
Foundation	1,603,969	1,603,969	2.8%
Association	1,542,368	1,542,368	2.7%
<b>TOTAL</b>	<b>56,945,717</b>	<b>56,945,717</b>	<b>100.0%</b>

TOTAL			
	06/02/10-09/02/10	10-11 YTD	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal	83,901,637	83,901,637	63.5%
State of Michigan	1,522,059	1,522,059	1.2%
Other	35,884,273	35,884,273	27.2%
Industry	1,328,695	1,328,695	1.0%
Foundation	7,725,692	7,725,692	5.8%
Association	1,754,514	1,754,514	1.3%
<b>TOTAL</b>	<b>132,116,870</b>	<b>132,116,870</b>	<b>100.0%</b>

### # OF AWARDS

RESEARCH			
	06/02/10-09/02/10	10-11 YTD	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal	259	259	57.7%
State of Michigan	16	16	3.6%
Other	79	79	17.6%
Industry	48	48	10.7%
Foundation	20	20	4.5%
Association	27	27	6.0%
<b>TOTAL</b>	<b>449</b>	<b>449</b>	<b>100.0%</b>

NON-RESEARCH			
	06/02/10-09/02/10	10-11 YTD	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal	65	65	43.9%
State of Michigan	12	12	8.1%
Other	38	38	25.7%
Industry	19	19	12.8%
Foundation	8	8	5.4%
Association	6	6	4.1%
<b>TOTAL</b>	<b>148</b>	<b>148</b>	<b>100.0%</b>

TOTAL			
	06/02/10-09/02/10	10-11 YTD	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal	324	324	54.3%
State of Michigan	28	28	4.7%
Other	117	117	19.6%
Industry	67	67	11.2%
Foundation	28	28	4.7%
Association	33	33	5.5%
<b>TOTAL</b>	<b>597</b>	<b>597</b>	<b>100.0%</b>

Data Source: Office of Contracts and Grants Proposal Tracking Database

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

# Comparison of Prior Year YTD totals to Current Year YTD totals

## Gift & Grant Awards

Meeting date: 9/17/2010

### AWARD TOTALS

RESEARCH			
	09-10 YTD Total	10-11 YTD Total	
Gift/Grant Source	6/6/09-8/31/09	6/2/10-9/2/10	% Change
Federal	56,457,007	62,905,291	11.4%
State of Michigan	1,897,521	990,284	-47.8%
Other	3,786,728	3,820,140	0.9%
Industry	3,504,519	1,121,569	-68.0%
Foundation	19,075,818	6,121,723	-67.9%
Association	2,061,557	212,146	-89.7%
<b>TOTAL</b>	<b>86,783,150</b>	<b>75,171,153</b>	<b>-13.4%</b>

NON-RESEARCH			
	09-10 YTD Total	10-11 YTD Total	
Gift/Grant Source	6/6/09-8/31/09	6/2/10-9/2/10	% Change
Federal	12,981,085	20,996,346	61.7%
State of Michigan	824,808	531,775	-35.5%
Other	29,195,546	32,064,133	9.8%
Industry	863,681	207,126	-76.0%
Foundation	495,820	1,603,969	223.5%
Association	100,813	1,542,368	1429.9%
<b>TOTAL</b>	<b>44,461,753</b>	<b>56,945,717</b>	<b>28.1%</b>

TOTAL			
	09-10 YTD Total	10-11 YTD Total	
Gift/Grant Source	6/6/09-8/31/09	6/2/10-9/2/10	% Change
Federal	69,438,092	83,901,637	20.8%
State of Michigan	2,722,329	1,522,059	-44.1%
Other	32,982,274	35,884,273	8.8%
Industry	4,368,200	1,328,695	-69.6%
Foundation	19,571,638	7,725,692	-60.5%
Association	2,162,370	1,754,514	-18.9%
<b>TOTAL</b>	<b>131,244,903</b>	<b>132,116,870</b>	<b>0.7%</b>

### # OF AWARDS

RESEARCH			
	09-10 YTD Total	10-11 YTD Total	
Gift/Grant Source	6/6/09-8/31/09	6/2/10-9/2/10	% Change
Federal	254	259	2.0%
State of Michigan	18	16	-11.1%
Other	69	79	14.5%
Industry	168	48	-71.4%
Foundation	36	20	-44.4%
Association	57	27	-52.6%
<b>TOTAL</b>	<b>602</b>	<b>449</b>	<b>-25.4%</b>

NON-RESEARCH			
	09-10 YTD Total	10-11 YTD Total	
Gift/Grant Source	6/6/09-8/31/09	6/2/10-9/2/10	% Change
Federal	52	65	25.0%
State of Michigan	11	12	9.1%
Other	62	38	-38.7%
Industry	43	19	-55.8%
Foundation	12	8	-33.3%
Association	7	6	-14.3%
<b>TOTAL</b>	<b>187</b>	<b>148</b>	<b>-20.9%</b>

TOTAL			
	09-10 YTD Total	10-11 YTD Total	
Gift/Grant Source	6/6/09-8/31/09	6/2/10-9/2/10	% Change
Federal	306	324	5.9%
State of Michigan	29	28	-3.4%
Other	131	117	-10.7%
Industry	211	67	-68.2%
Foundation	48	28	-41.7%
Association	64	33	-48.4%
<b>TOTAL</b>	<b>789</b>	<b>597</b>	<b>-24.3%</b>

Data Source: Office of Contracts and Grants Proposal Tracking Database

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

Top 10 Awards for the September 17, 2010 BOT Meeting

Rank	Funding Type	Award Amount	First PI	Grantor	Dept	Func Tp	tion	Project Dates	TITLE
1	Fed	10,500,000	GELBKE, C KONRAD	NATL SCIENCE FOUNDATION	NATL CYCLOTRON LAB	R	Res	10/01/06 09/30/11	OPERATION OF THE NSCI AT MSU AS A NATIONAL USER FACILITY AND SUPPORT FOR ITS RESEARCH PROGRAM
2	Fed	6,056,819	Demaagd, Kurt	COMMERCE US DEPT OF	TELECOM INF STD MD	N	PS	08/01/10 07/31/13	Evidence Based Computer Centers II
3	Fed	2,472,271	Velie, Ellen	NATL CANCER INSTITUTE -NIH/PHS	EPIDEMIOLOGY	R	Res	08/06/10 07/31/11	Life Course Energy Balance and Breast Cancer Risk in Black/White Women under 50
4	Fed	2,431,897	Shipman, Richard	EDUCATION U.S. DEPT OF	FINANCIAL AID	N	Ins	07/01/10 06/30/11	Federal Workstudy Program
5	Found	1,939,784	GRAY, JAMES I	MSU FOUNDATION	RES & GRAD STDS VP	C	Res	07/01/10 06/30/11	MSU TECHNOLOGIES / OFFICE OF INTELLECTUAL PROPERTY (71-3885)
6	Assoc	1,425,000	Hunt, Paul	LAKESHORE ADVANTAGE	ASC VP RESEARCH	C	PS	07/28/10 12/31/11	Retention of Pfizer Assets in Holland, MI - Part II
7	Fed	1,418,967	FINK, GREGORY D	NATL INST OF HEALTH - NIH/PHS	PHARM TOXICOL COM	C	Res	07/01/10 06/30/11	NEUROHUMORAL CONTROL OF VEINS IN HYPERTENSION
8	Found	1,400,000	WILCOX, KIM A	MSU FOUNDATION	PROVOST	C	Res	07/01/10 06/30/11	STRATEGIC PARTNERSHIP GRANTS (61-6533)
9	Fed	1,304,356	Mansfield, Linda	NATL INST OF ALLERGY &INFEC DIS -NIH/PHS	FOOD SAFETY/TOX	N	Res	08/15/10 07/31/11	ERIN CRC: Host-microbiota-pathogen interactions govern enteric health and disease
10	Fed	1,251,917	Fazleabas, Asgerally	NATL INST CHILD HEALTH & HUMAN DEV -NIH/PHS	OB GYN & REPR BIO	N	Res	08/16/10 03/31/11	Center for Women's Health and Reproduction

30,201,011

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GIFT, GRANT AND CONTRACT REPORT

BOARD OF TRUSTEES

SEPTEMBER 2010

<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
<b>COLLEGE OF AGRICULTURE &amp; NATURAL RESOURCES</b>					
1	\$233,574.00	INTL FOOD POLICY RESEARCH INSTITUTE	Reardon, Thomas	AGRIC ECONOMICS	INTERNATIONAL FOOD POLICY RESEARCH INSTITUTE (IFPRI)/ EMERGING VERTICAL COORDINATION IN ASIAN FOOD SYSTEMS IMPLICATIONS FOR GROWTH, EFFICIENCY, EQUITY, AND SUSTAINABILITY.
2	\$165,000.00	MINNESOTA UNIV OF	Alocilja, Evangelyn	BIOSYSTEMS AG EGR	PROOF-OF-CONCEPT STUDY FOR THE DEVELOPMENT OF A CELL-FREE GPCR-BASED BIOSENSOR FOR RAPID NON-SPECIFIC DETECTION OF CHEMICAL AND BIOLOGICAL TOXIC AGENTS
3	\$42,619.00	KANSAS STATE UNIVERSITY	Alocilja, Evangelyn	BIOSYSTEMS AG EGR	DEPARTMENT OF HOMELAND SECURITY (DHS) CAREER DEVELOPMENT GRANT (CDG) - FOOD PROTECTION AND DEFENSE CDG AWARD
4	\$27,540.00	MINNESOTA UNIV OF	Alocilja, Evangelyn	BIOSYSTEMS AG EGR	VALIDATION AND OPTIMIZATION OF BIOLOGICALLY MODIFIED ELECTRICALLY-ACTIVE MAGNETIC NANOPARTICLES (NANO-BEAMS) FOR DIRECT CAPTURE AND CONCENTRATION OF BIOTERRORISM AGENTS IN VARIOUS FOOD MATRICES
5	\$59,878.00	OHIO STATE UNIVERSITY	Liao, Wei	BIOSYSTEMS AG EGR	BIOBASED ENERGY EDUCATIONAL MATERIAL EXCHANGE SYSTEM (BEEMS)
6	\$60,000.00	USDA - NATURAL RESOURCES CONSERVATION SERVICE	Nejadhashemi, Amirpo	BIOSYSTEMS AG EGR	STUDY AND MODEL THE EFFECTS OF NRCS CONSERVATION PRACTICES ON STREAM HEALTH
7	\$38,080.00	USDA - AGRI RESEARCH SERV US DEPT AGR	Srivastava, Ajit	BIOSYSTEMS AG EGR	TECHNOLOGIES FOR QUALITY ASSESSMENT OF FRUITS AND VEGETABLES
8	\$300,000.00	MI DEPT OF ENERGY, LABOR & ECONOMIC GROWTH	Surbrook, Truman	BIOSYSTEMS AG EGR	MICHIGAN AGRI-ENERGY PROGRAM
9	\$100,000.00	GREAT LAKES FISHERY TRUST	Pontz, Vicki	CANR ADMIN AG & NR	GREAT LAKES LEADERSHIP ACADEMY
10	\$145,631.00	US GEOLOGICAL SURVEY	Bartholic, Jon	CARRS	CONTINUED TECHNICAL SUPPORT OF MI WATER WITHDRAWAL ASSESSMENT PROCESS & DEVELOPMENT OF AN INTERNET-BASED WATER-USE DATABASE
11	\$27,500.00	COUNCIL FOR INTL EXCHANGE OF SCHOLARS	Fear, Frank	CARRS	ENGAGING AN AMERICAN LAND GRANT UNIVERSITY IN THE RECONSTRUCTION OF IRAQ
12	\$76,094.00	MICHIGAN DEPARTMENT OF EDUCATION	Showerman, Randy	CARRS	2010-2011 CAREER AND TECHNICAL TEACHER EDUCATION PROGRAM IMPROVEMENT
13	\$16,000.00	GREAT LAKES NORTHERN COOP ESU	STYNES, DANIEL	CARRS	MONEY GENERATION MODEL 2 REVISIONS AND REPORTING

## GIFT, GRANT AND CONTRACT REPORT

## BOARD OF TRUSTEES

SEPTEMBER 2010

<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
14	\$80,000.00	MI GOV COUNCIL PHY FIT HEALTH	Vogt, Christine	CARRS	SAFE ROUTES TO SCHOOL EVALUATION PROJECT - IMPLEMENTATION
15	\$75,000.00	MICHIGAN DEPARTMENT OF EDUCATION	Wyrick, David	CARRS	CAREER & TECHNICAL STUDENT ORGANIZATIONS: MICHIGAN FFA GRANT APPLICATION
16	\$60,000.00	USDA - FOREST SERVICE	Cognato, Anthony	ENTOMOLOGY	SURVEY AND TAXONOMY OF EXOTIC AND PESTIFEROUS BARK BEETLES (CURCULIONIDAE: SCOLYTINAE)
17	\$20,000.00	MINNESOTA UNIV OF	Difonzo, Christina	ENTOMOLOGY	SOYBEAN APHID: MANAGEMENT, BIOCONTROL, AND HOST PLANT RESISTANCE
18	\$283,390.00	NATL INST OF HEALTH - NIH/PHS	DONG, KE	ENTOMOLOGY	ROLE OF THE DSCI FAMILY OF CATION CHANNELS IN INSECT NEUROPHYSIOLOGY AND NEUROTOXICOLOGY
19	\$19,459.00	MICHIGAN APPLE COMMITTEE	Grieshop, Matthew	ENTOMOLOGY	DEVELOPMENT AND DELIVERY OF A SUSTAINABLE WEED, NUTRIENT, AND INSECT MANAGEMENT TECHNIQUE FOR MICHIGAN APPLE GROWERS
20	\$10,423.00	MICHIGAN APPLE COMMITTEE	Grieshop, Matthew	ENTOMOLOGY	ATTRACT AND KILL TACTICS FOR CODLING MOTH AND DOGWOOD BORER
21	\$28,900.00	MICHIGAN APPLE COMMITTEE	Gut, Larry	ENTOMOLOGY	EFFECTIVENESS OF NEW INSECTICIDES AND MANAGEMENT PROGRAMS FOR APPLE PESTS
22	\$22,828.00	MICHIGAN APPLE COMMITTEE	Gut, Larry	ENTOMOLOGY	DEVELOPMENT OF A RELIABLE AND EASY TO USE MATING DISRUPTION SYSTEM
23	\$12,800.00	MICH CHERRY COMMITTEE	Gut, Larry	ENTOMOLOGY	DEVELOPING MATING DISRUPTION TECHNOLOGIES FOR CONTROL OF AMERICAN PLUM BORER
24	\$160,085.00	NATL FISH & WILDLIFE FOUNDATION	Isaacs, Rufus	ENTOMOLOGY	OPERATION POLLINATOR, MICHIGAN
25	\$15,074.00	NATL GRAPE COOPERATIVE ASSN	Isaacs, Rufus	ENTOMOLOGY	GRAPE ENTOMOLOGY RESEARCH AND EXENSION
26	\$12,000.00	CORNELL UNIV	Isaacs, Rufus	ENTOMOLOGY	VINEYARD IPM PROGRAM DEVELOPMENT AND DEMONSTRATION
27	\$11,165.00	USDA - FOREIGN AG SER	Jiang, Wayne	ENTOMOLOGY	ANALYTICAL LABORATORY TRAINING PROGRAM
28	\$40,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Landis, Douglas	ENTOMOLOGY	BIOLOGICAL CONTROL OF KNAPWEED AND RESTORATION WITH NATIVE NECTAR PLANTS

## GIFT, GRANT AND CONTRACT REPORT

## BOARD OF TRUSTEES

SEPTEMBER 2010

<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
29	\$9,999.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Landis, Douglas	ENTOMOLOGY	SPOTTED/DIFFUSE KNAPWEED BIOCONTROL - BULLOCK RANCH, PORTER RANCH, SHARONVILLE SGA, FLAT RIVER SGA AND CAMP GRAYLING, PERMIT APPLICATION PROJECT
30	\$48,000.00	USDA - FOREST SERVICE	McCullough, Deborah	ENTOMOLOGY	ASSESSMENT OF BEECH BARK DISEASE IN MICHIGAN: RATE OF SPREAD AND IMPACTS ON STAND COMPOSITION AND DOWN WOODY MATERIAL
31	\$46,000.00	USDA - FOREST SERVICE	McCullough, Deborah	ENTOMOLOGY	EVALUATION OF THE TOXICITY OF THREE SYSTEMIC INSECTICIDES FOR EMERALD ASH BORER LARVAE
32	\$42,822.66	ST. JOHNS RIVER WATER MANAGEMENT DISTRICT	Merritt, Richard	ENTOMOLOGY	FIELD STUDY OF INTERACTION OF HYDROLOGY WITH BENTHIC MACRO INVERTEBRATE COMMUNITIES IN THE UPPER AND MIDDLE ST. JOHNS RIV
33	\$61,820.00	USDA - FOREST SERVICE	Miller, James	ENTOMOLOGY	CHEMICAL ECOLOGY OF THE EMERALD ASH BORER
34	\$7,000.00	NATL SCIENCE FOUNDATION	Scriber, J	ENTOMOLOGY	COLLABORATIVE RESEARCH: ASSESSING TEMPERATURE-RELATED CHANGES IN INTROGRESSION OF HYBRIDIZING SPECIES ACROSS SPACE AND T
35	\$16,000.00	SYNGENTA CROP PROTECTION INC	Smitley, David	ENTOMOLOGY	PROTECTING INDIVIDUAL TREES FROM EMERALD ASH BORER
36	\$11,349.00	MICHIGAN APPLE COMMITTEE	Whalon, Mark	ENTOMOLOGY	OPTIMIZING APPLICATION OF A BIOPESTICIDE AND BIOLOGICAL CONTROL AGENT TARGETING THE MICHIGAN APPLE PEST PLUM CURCULIO
37	\$10,200.00	MICH CHERRY COMMITTEE	Whalon, Mark	ENTOMOLOGY	OPTIMIZING APPLICATION OF A BIOPESTICIDE AND BIOCONTROL AGENT TARGETING PLUM CURCULIO IN CHERRIES
38	\$10,004.00	MICHIGAN APPLE COMMITTEE	Whalon, Mark	ENTOMOLOGY	FUNCTIONAL ECOLOGY INDICATORS TO HELP DEFEND MI APPLE PRODUCTION PRACTICES
39	\$5,745.00	MICH CHERRY COMMITTEE	Whalon, Mark	ENTOMOLOGY	DEVELOPMENT OF NOVALURON FOR USE AGAINST CHERRY FRUIT FLY IN MICHIGAN TART CHERRY PRODUCTION
40	\$39,000.00	USDA - FOREST SERVICE	Ziegler, Amos	ENTOMOLOGY	EMERALD ASH BORER RELEASE SITE MONITORING AND EVALUATION DATA MANAGEMENT
41	\$30,000.00	USDA - FOREST SERVICE	Ziegler, Amos	ENTOMOLOGY	EMERALD ASH BORER RELEASE SITE MONITORING AND EVALUATION DATA MANAGEMENT
42	\$76,000.00	NATL INST OF HEALTH - NIH/PHS	Fenton, Jenifer	FD SC HUM NUTR ANR	BIOMARKERS OF OBESITY, INFLAMMATION AND COLON CANCER

## GIFT, GRANT AND CONTRACT REPORT

## BOARD OF TRUSTEES

SEPTEMBER 2010

<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
43	\$182,473.00	NATL INST OF HEALTH - NIH/PHS	LINZ, JOHN E	FD SC HUM NUTR ANR	GENETIC ADAPTATION IN CAMPYLOBACTER: MECHANISMS AND IMPACT ON HUMAN HEALTH
44	\$304,722.00	NATL INST OF HEALTH - NIH/PHS	Pestka, James	FD SC HUM NUTR ANR	TRICHOHECENE TOXICITY AND THE RIBOTOXIC STRESS RESPONSE
45	\$11,993.00	NATL INST OF ENVIRON HEALTH SCI -NIH/PHS	Pestka, James	FD SC HUM NUTR ANR	TRICHOHECENE TOXICITY AND THE RIBOTOXIC STRESS RESPONSE
46	\$247,441.00	CALIF POLYTECHNIC STATE UNIV FDN	Ryser, Elliot	FD SC HUM NUTR ANR	PREDICTIVE GROWTH MODELS FOR ESCHERICHIA COLI 0157:H7 ON FRESH-CUT PRODUCE DURING TRANSPORT AND COLD CHAIN DISTRIBUTION
47	\$50,000.00	KHALED BIN SULTAN LIVING OCEANS FOUNDATION	Abdel-Kariem, Mohamm	FISHERIES & WILDLF	KHALED BIN SULTAN LIVING OCEANS FOUNDATION TRAINING GRANT FOR DAMANKE ERFANG
48	\$495,103.00	USDA - ANIMAL AND PLT HTL INSP SER	Abdel-Kariem, Mohammed	FISHERIES & WILDLF	IDENTIFICATION OF NOVEL PATHOGENS IN THE LAURENTIAN GREAT LAKES
49	\$735,322.00	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Batterson, Ted	FISHERIES & WILDLF	REGIONAL AQUACULTURE CENTER - NORTH CENTRAL REGION
50	\$42,289.48	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Bence, James	FISHERIES & WILDLF	QUANTIFYING NEW TOP-DOWN INFLUENCES ON THE RAPIDLY CHANGING FOOD WEB IN THE MAIN BASIN OF LAKE HURON
51	\$7,096.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	BENCE, JAMES R	FISHERIES & WILDLF	QUANTITATIVE SUPPORT FOR INTER-JURISDICTIONAL FISHERIES MANAGEMENT ON THE GREAT LAKES
52	\$154,894.00	US GEOLOGICAL SURVEY	Infante, Dana	FISHERIES & WILDLF	MANAGING THE NATIONS FISH HABITAT AT MULTIPLE SPATIAL SCALES IN A RAPIDLY CHANGING CLIMATE
53	\$83,253.00	NATL SCIENCE FOUNDATION	Liu, Jianguo	FISHERIES & WILDLF	COUPLED HUMAN AND NATURAL SYSTEMS RESEARCH NETWORK (CHANS-NET)
54	\$25,000.00	NATL AERONAUTICS AND SPACE ADM	Liu, Jianguo	FISHERIES & WILDLF	NASA-MSU PROFESSIONAL ENHANCEMENT AWARD
55	\$32,658.00	MICHIGAN UNIVERSITY OF	Taylor, William	FISHERIES & WILDLF	MICHIGAN SEA GRANT ADMINISTRATION
56	\$780,398.00	MICHIGAN ECONOMIC DEVELOPMENT CORP	Miller, Raymond	FORESTRY	FORESTRY BIOFUEL STATEWIDE COLLABORATION CENTER
57	\$65,049.00	ILLINOIS URBANA CHAMPAIGN UNIV OF	SKOLE, DAVID L	FORESTRY	LAND COVER AND LAND USE CHANGE AND ITS EFFECTS ON CARBON DYNAMICS IN MONSOON ASIAN REGION

## GIFT, GRANT AND CONTRACT REPORT

## BOARD OF TRUSTEES

SEPTEMBER 2010

<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
58	\$10,000.00	MI INTEGRATED FOOD & FARMING SYS	Biernbaum, John	HORTICULTURE	SERVING MICHIGAN'S MULTICULTURAL AGRICULTURE.
59	\$142,901.00	VIRGINIA POLYTECHNIC INST	Maredia, Karimbhai	INTNL AGRI INST	DEVELOPMENT AND DELIVERY OF ECOLOGICALLY-BASED IPM PACKAGES FOR FIELD AND VEGETABLE CROP SYSTEMS IN CENTRAL ASIA
60	\$20,460.00	US DEPT AGRICULTURE	Maredia, Karimbhai	INTNL AGRI INST	USDA FAS - PLANT PROTECTION TRAINING PROGRAM
61	\$20,832.00	USDA - FOREIGN AG SER	Thiagarajan, Deepa	INTNL AGRI INST	USDA SAMS EVALUATION
62	\$34,217.00	ENVIRONMENTAL PROTECTION AGENCY	Doll, Julie	KELLOGG BIO STAT	MICHIGAN AGRICULTURE AND CLIMATE CHANGE: DELIBERATING TOWARD STEWARDSHIP
63	\$180,000.00	NATL SCIENCE FOUNDATION	ROBERTSON, G PHILIP	KELLOGG BIO STAT	LONG TERM ECOLOGICAL RESEARCH IN ROW-CROP AGRICULTURE
64	\$50,000.00	MICHIGAN ECONOMIC DEVELOPMENT CORP	Wyckoff, Mark	LAND POLICY INST	MICHIGAN PROSPERITY INITIATIVE
65	\$50,000.00	ELECTRI INTERNATIONAL	Syal, Madan	PLAN,DSGN,CNST-ANR	SMART TRANSMISSION GRIDS FOR ALTERNATIVE ENERGY
66	\$6,000.00	WISCONSIN UNIV OF	Chilvers, Martin	PLANT PATHOLOGY	IMPROVED MANAGEMENT OF SCLEROTINIA STEM ROT IN THE NORTH CENTRAL REGION.
67	\$15,892.00	PICKLE PACKERS INTERNATL INC	Day, Robert	PLANT PATHOLOGY	UNDERSTANDING DISEASE AND SUSCEPTIBILITY IN THE PSEUDOPERONOSPORA CUBENSIS-CUCURBIT INTERACTION: GENETIC APPROACHES TO RESTORE RESISTANCE IN CUCUMBER.
68	\$96,789.00	USDA - AGRICULTURE U.S. DEPT. OF - ES	Hammerschmidt, R	PLANT PATHOLOGY	ARMILLARIA ROOT ROT
69	\$10,000.00	GOWAN COMPANY	Kirk, William	PLANT PATHOLOGY	MANAGEMENT OF SOIL, SEED AND FOLIAR DISEASES OF POTATO AND VEGETABLE CROPS IN MICHIGAN.
70	\$11,900.00	GOWAN COMPANY	Schilder, Annemiek	PLANT PATHOLOGY	EPIDEMIOLOGY AND INTEGRATED MANAGEMENT OF SMALL FRUIT DISEASES.
71	\$10,800.00	BASF CORPORATION	Schilder, Annemiek	PLANT PATHOLOGY	EPIDEMIOLOGY AND INTEGRATED MANAGEMENT OF SMALL FRUIT DISEASES.
72	\$10,000.00	NORTH CENTRAL INTEGRATED PEST MANAGEMENT	Schilder, Annemiek	PLANT PATHOLOGY	IMPROVING SAMPLING, RISK ASSESSMENT, AND AWARENESS OF NEWLY INTRODUCED BLUEBERRY VIRUSES IN THE NORTH CENTRAL REGION.

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<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
73	\$8,000.00	VITICULTURE CONSORTIUM EAST	Schilder, Annemiek	PLANT PATHOLOGY	IMPACT OF PRECIPITATION ON THE PERFORMANCE OF FUNGICIDES IN GRAPES
74	\$17,000.00	SYNGENTA CROP PROTECTION INC	Vargas, Joseph	PLANT PATHOLOGY	MANAGEMENT OF TURFGRASS DISEASES.
75	\$12,500.00	SYNGENTA CROP PROTECTION INC	Vargas, Joseph	PLANT PATHOLOGY	MANAGEMENT OF TURFGRASS DISEASES.
76	\$10,500.00	ANDERSONS THE	Vargas, Joseph	PLANT PATHOLOGY	MANAGEMENT OF TURFGRASS DISEASES.
77	\$6,800.00	W.A. CLEARY	Vargas, Joseph	PLANT PATHOLOGY	MANAGEMENT OF TURFGRASS DISEASES.
<b>COLLEGE OF ARTS AND LETTERS</b>					
78	\$83,000.00	NATL WRITING PROJECT	Swenson, Janet	ARTS & LETTER DEAN	RCWP PETOSKEY SATELLITE PROJECT
79	\$5,600.00	ARTS COUNCIL CENTER GREATER LANSING	Bandes, Susan	KRESGE ART MUSEUM	HOTEL/MOTEL 2010 EXHIBIT YEAR
80	\$186,367.00	EDUCATION U.S. DEPT OF	Hoopingarner, Dennie	LANGUAGE LEARN CTR	WEB 2.0 TECHNOLOGY AND INSTRUCTED LANGUAGE ACQUISITION
81	\$37,456.00	INST OF INTERNATL EDUCATION	ABDALLA, MAHMOUD	LINGUISTICS & LANG	DEVELOPMENT OF CONTENT-BASED ARABIC TEACHING MATERIALS FOR HERITAGE STUDENTS AND ADVANCED LANGUAGE LEARNERS
82	\$559,660.00	INST OF INTERNATL EDUCATION	Gass, Susan	LINGUISTICS & LANG	ARABIC LANGUAGE FLAGSHIP PROGRAM UNDERGRADUATE PROGRAM PLAN: JUNE 1, 2010-MAY 31, 2012
83	\$189,696.00	EDUCATION U.S. DEPT OF	Rehberger, Dean	WRITNG RHET & CULT	AFRICAN ORAL NARRATIVES
<b>ELI BROAD COLLEGE OF BUSINESS</b>					
84	\$50,000.00	PRICEWATERHOUSECOOPERS CHARITABLE FOUNDATION, INC.	Gupta, Sanjay	ACCT & INF SYSTEMS	INTEGRATING IFRS INTO THE ACCOUNTING AND INFORMATION SYSTEMS PROGRAMS AT MICHIGAN STATE UNIVERSITY
85	\$399,000.00	EDUCATION U.S. DEPT OF	Hult, Tomas	INTL BUSINESS CTR	MSU-CIBER: KNOWLEDGE DEVELOPMENT, DEPLOYMENT, & CULTURAL COMPETITIVENESS: LEADING ON SUSTAINABLE GLOBAL VALUE CHAINS
86	\$94,803.00	EDUCATION U.S. DEPT OF	Hult, Tomas	INTL BUSINESS CTR	DEVELOPING RESOURCES TO INTERNATIONALIZE MINORITY-SERVING COMMUNITY COLLEGES

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<b>COLLEGE OF COMMUNICATION ARTS AND SCIENCES</b>					
87	\$33,146.00	USDA - AGRICULTURE U.S. DEPT. OF - ES	Todd, Ewen	ADV, PR & RETAIL	FOOD BORNE NOROVIRUS IN ELDER CARE FACILITIES: AN INTEGRATED APPROACH TO PREVENTION AND CONTROL
88	\$15,000.00	PARK FOUNDATION, INC.	Poulson, David	JOURNALISM	DRIED UP AND DRAWN DOWN: NEWS COVERAGE OF WATER ISSUES IN THE GREAT LAKES BASIN
89	\$6,056,819.00	COMMERCE US DEPT OF	Demaagd, Kurt	TELECOM INF STD MD	EVIDENCE BASED COMPUTER CENTERS II
<b>COLLEGE OF EDUCATION</b>					
90	\$187,419.00	EDUCATION U.S. DEPT OF	BOLT, SARA E	CNS, ED PSY,SPC ED	SCHOOL PSYCHOLOGISTS WITH ACCOMMODATION AND REMEDIATION KNOWLEDGE TO PROMOTE LITERACY EVERYWHERE (PROJECT SPARKLE)
91	\$200,000.00	EDUCATION U.S. DEPT OF	Carlson, John	CNS, ED PSY,SPC ED	BRINGING SCIENCE INTO PRACTICE WITHIN THE DELIVERY OF PSYCHOLOGICAL SERVICES TO EARLY CHILDHOOD POPULATIONS
92	\$200,000.00	EDUCATION U.S. DEPT OF	CARLSON, JOHN S	CNS, ED PSY,SPC ED	INTERDISCIPLINARY LEADERSHIP TRAINING IN THE TRANSPORTABILITY OF EVIDENCE-BASED INTERVENTIONS TO DIVERSE POPULATIONS:
93	\$165,444.00	NATL SCIENCE FOUNDATION	Floden, Robert	CNS, ED PSY,SPC ED	COLLABORATIVE RESEARCH: COGNITIVE PROCESSES - CLASSROOM PRACTICES THAT LEAD TO STUDENT PROFICIENCY WITH WORD PROBLEMS IN
94	\$20,000.00	AMER EDUCATIONAL RESEARCH ASSOC	Frank, Kenneth	CNS, ED PSY,SPC ED	DISSERTATION GRANT: SHAPING PROFESSIONAL DEVELOPMENT TO PROMOTE THE DIFFUSION OF INSTRUCTIONAL EXPERTISE AMONG TEACHERS
95	\$195,600.00	EDUCATION U.S. DEPT OF	Johnson, Harold	CNS, ED PSY,SPC ED	THE PILI PROJECT: PACIFIC ISLAND LEARNING INITIATIVE IN DEAF EDUCATION
96	\$150,000.00	EDUCATION U.S. DEPT OF	Kosciulek, John	CNS, ED PSY,SPC ED	REHABILITATION COUNSELING: LONG TERM TRAINING GRANT
97	\$200,000.00	EDUCATION U.S. DEPT OF	Okolo, Cynthia	CNS, ED PSY,SPC ED	PROMOTING ACADEMIC LITERACY: READING AND WRITING WITH PAL
98	\$305,048.00	NATL SCIENCE FOUNDATION	Smith, John	CNS, ED PSY,SPC ED	STRENGTHENING MEASUREMENT CURRICULUM, TEACHING, AND RESEARCH

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<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
99	\$405,576.00	EDUCATION U.S. DEPT OF	Troia, Gary	CNS, ED PSY,SPC ED	ALIGNMENT ACROSS K-12 WRITING STANDARDS, ASSESSMENTS, ACHIEVEMENT, AND POSTSECONDARY EXPECTATIONS: A STATE-BY-STATE ANALYSIS
100	\$155,097.00	UTICA COMMUNITY SCHOOLS	Zhao, Yong	CNS, ED PSY,SPC ED	COOPERATIVE AGREEMENT BETWEEN UTICA COMMUNITY SCHOOLS AND THE CONFUCIUS INSTITUTE AT MICHIGAN STATE UNIVERSITY FOR THE FOREIGN LANGUAGE ASSISTANCE PROGRAM (FLAP)
101	\$248,768.00	WISCONSIN MADISON UNIV OF	AUSTIN, ANN E.	EDUC ADMIN	THE CIRTL NETWORK - SHAPING; CONNECTING; AND SUPPORTING THE FUTURE NATIONAL STEM FACULTY
102	\$10,335.00	MICH ASSOC OF SCHOOL ADMINISTRATORS	Markle, Barbara	EDUCATION DEAN	MICHIGAN COACHES INSTITUTE
103	\$271,330.00	MICHIGAN UNIVERSITY OF	Schneider, Barbara	EDUCATION DEAN	THE IMPACT OF THE MICHIGAN MERIT CURRICULUM AND MICHIGAN PROMISE SCHOLARSHIP ON STUDENT OUTCOMES
104	\$919,756.00	EDUCATION U.S. DEPT OF	Floden, Robert	TCH/LRN LIFE SPAN	LEARNING TO USE ECONOMIC METHODS TO ANSWER QUESTIONS ABOUT EDUCATION: AN INTERDISCIPLINARY TRAINING PROGRAM
105	\$417,946.00	COLORADO STATE UNIV	ANDERSON, CHARLES W	TEACHER EDUCATION	CULTURALLY RELEVANT ECOLOGY; LEARNING PROGRESSIONS AND ENVIRONMENTAL LITERACY
106	\$386,717.00	NATL SCIENCE FOUNDATION	ANDERSON, CHARLES W	TEACHER EDUCATION	LEARNING PROGRESSION ON CARBON-TRANSFORMING PROCESSES IN SOCIO-ECOLOGICAL SYSTEMS
107	\$334,329.00	COLORADO STATE UNIV	ANDERSON, CHARLES W	TEACHER EDUCATION	CULTURALLY RELEVANT ECOLOGY; LEARNING PROGRESSIONS AND ENVIRONMENTAL LITERACY
108	\$158,372.00	NATL SCIENCE FOUNDATION	Calabrese Barton, An	TEACHER EDUCATION	GSE/RES: CLUB TO SCHOOL (C2S): RETHINKING THE SMT PIPELINE
109	\$99,738.00	NATL SCIENCE FOUNDATION	Calabrese Barton, An	TEACHER EDUCATION	SUPPLEMENT TO: GSE/RES: CLUB TO SCHOOL (C2S): RETHINKING THE SMT PIPELINE
110	\$107,507.00	NATL SCIENCE FOUNDATION	CRESPO, SANDRA M	TEACHER EDUCATION	CAREER: EXAMINING PROSPECTIVE TEACHERS LEARNING OF THREE MATHEMATICS TEACHING PRACTICES-POSING INTERPRETING; AND RESPON
111	\$13,342.00	NATL SCIENCE FOUNDATION	MCCRORY, RAVEN	TEACHER EDUCATION	CAREER: KNOWLEDGE FOR TEACHING MATHEMATICS: THE IMPACT OF UNDERGRADUATE MATHEMATICS COURSES ON PROSPECTIVE ELEMENTARY
112	\$26,001.00	MICHIGAN DEPARTMENT OF EDUCATION	Steele, Michael	TEACHER EDUCATION	BUILDING CAPACITY IN ALGEBRA: TEACHING, LEARNING, AND LEADING

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COLLEGE OF ENGINEERING					
113	\$207,165.00	NATL SCIENCE FOUNDATION	BAUMANN, MELISSA JANE	CEM EGR & MAT SCI	FRG ON MICROCRACKING IN HYDROXYAPATITE AND THE IMPLICATIONS FOR BONE TISSUE ENGINEERING
114	\$419,979.00	NATL SCIENCE FOUNDATION	Bieler, Thomas	CEM EGR & MAT SCI	GOALI: MICROSTRUCTURAL EVOLUTION AND DAMAGE NUCLEATION MECHANISMS DURING THERMOMECHANICAL CYCLING IN THE SN PHASE OF LEAD-FREE SOLDER JOINTS
115	\$185,000.00	ENERGY US DEPT OF	Boehlert, Carl	CEM EGR & MAT SCI	SISGR: CHARACTERIZATION AND MODELING OF DEFORMATION INDUCED DAMAGE IN TITANIUM ALLOYS
116	\$100,000.00	NATL SCIENCE FOUNDATION	Chan, Christina	CEM EGR & MAT SCI	AN INTEGRATIVE APPROACH TO GUIDE MSC CLONAL POPULATION SELECTION AND DIFFERENTIATION
117	\$458,096.00	ENERGY US DEPT OF	MILLER, DENNIS J	CEM EGR & MAT SCI	NOVEL BIOFUEL FORMULATIONS FOR ENHANCED VEHICLE PERFORMANCE
118	\$235,202.00	NATL INST OF HEALTH - NIH/PHS	Walton, Stephen	CEM EGR & MAT SCI	MAXIMIZING SIRNA FUNCTION THROUGH MECHANISM-BASED SEQUENCE AND VEHICLE DESIGN
119	\$70,796.00	TUFTS UNIVERSITY	Walton, Stephen	CEM EGR & MAT SCI	PHENOTYPE-TARGETED INFERENCE OF FLUX-ENZYME CORRELATION IN ADIPOCYTE METABOLISM
120	\$36,566.00	TUFTS UNIVERSITY	Walton, Stephen	CEM EGR & MAT SCI	ENGINEERED TISSUE MODEL OF METABOLIC DISRUPTION OF ADIPOSE SIGNALING ACTIVITY
121	\$131,265.00	EDUCATION U.S. DEPT OF	Worden, Robert	CEM EGR & MAT SCI	INTERDISCIPLINARY BIOELECTRONICS TRAINING PROGRAM
122	\$165,000.00	NATL SCIENCE FOUNDATION	Burgueno, Rigoberto	CIVIL & ENVIR ENG	COLLABORATIVE RESEARCH: DAMAGE-COMPLAINT INELASTIC DESIGN PARAMETERS FOR PERFORMANCE-BASED-SEISMIC-DESIGN OF SLENDER REINFORCED CONCRETE COLUMNS
123	\$6,000.00	NATL SCIENCE FOUNDATION	Burgueno, Rigoberto	CIVIL & ENVIR ENG	HYBRID NANOSTRUCTURED MATERIAL SYSTEMS FOR TAILORED STRESS-WAVE MITIGATION OF IMPACT AND BLAST EFFECTS
124	\$25,449.48	SCIENCE APPLICATIONS INTERNATIONAL CORPORATION	Galehouse, Larry	CIVIL & ENVIR ENG	DEVELOPMENT OF PAVEMENT MANAGEMENT ROADMAP
125	\$125,000.00	UNDERWRITERS LABORATORIES INC	Kodur, Venkatesh	CIVIL & ENVIR ENG	FIRE RESISTANCE TESTS ON STRUCTURAL WOOD BEAMS
126	\$199,838.00	FEDERAL HIGHWAY ADMINISTRATION	Lajnef, Nizar	CIVIL & ENVIR ENG	SMART PAVEMENT MONITORING SYSTEM

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127	\$41,017.00	NATL SCIENCE FOUNDATION	Lajnef, Nizar	CIVIL & ENVIR ENG	US-TUNISIA-WORKSHOP: RESEARCH AND EDUCATIONAL ADVANCES IN SMART MICRO-SENSING AND BIOMIMETIC SENSORS
128	\$79,967.00	MICHIGAN UNIVERSITY OF	Mantha, Phanikumar	CIVIL & ENVIR ENG	LINKING STATISTICAL AND MECHANISTIC MODELS FOR IMPROVED BEACH CLOSURE FORECASTING: GRAND HAVEN, MICHIGAN
129	\$11,750.00	WASHTENAW COUNTY ROAD COMMISSION	SOROUSHIAN, PARVIZ	CIVIL & ENVIR ENG	JACKSON ROAD BOULEVARD EXTENSION; UTILIZING FLY ASH AND RECYCLED CONCRETE IN ROAD SURFACE
130	\$100,000.00	NATL SCIENCE FOUNDATION	Chai, Joyce	COMP SCI & EGR	EAGER: SHARED GAZE IN COLLABORATIVE REFERRING
131	\$500,620.00	WEST VIRGINIA UNIVERSITY	Jain, Anil	COMP SCI & EGR	AUTOMATED RETRIEVAL AND MATCHING OF SCARS, MARKS AND TATTOOS (SMT)
132	\$168,031.00	NOTRE DAME UNIVERSITY OF	Jain, Anil	COMP SCI & EGR	FACE ANNOTATION AT THE MACRO SCALE AND THE MICRO SCALE: TOOLS, TECHNIQUES, AND APPLICATIONS IN FORENSIC IDENTIFICATION
133	\$162,512.00	NOTRE DAME UNIVERSITY OF	Jain, Anil	COMP SCI & EGR	FACE ANNOTATION AT THE MACRO SCALE AND THE MICRO SCALE: TOOLS, TECHNIQUES, AND APPLICATIONS IN FORENSIC IDENTIFICATION
134	\$72,000.00	WEST VIRGINIA UNIVERSITY	Jain, Anil	COMP SCI & EGR	DETECTING, RESTORING AND MATCHING ALTERED FINGERPRINTS
135	\$81,707.00	NATL SCIENCE FOUNDATION	Kulkarni, Sandeep	COMP SCI & EGR	CSR: SMALL: COLLABORATIVE RESEARCH TOOL-SUPPORT FOR PRODUCING HIGH-ASSURANCE AND RELIABLE SOFTWARE FOR WIRELESS SENSOR A
136	\$485,000.00	NATL SCIENCE FOUNDATION	Liu, Xiang-Yang	COMP SCI & EGR	TC:SMALL:AN ALGORITHMIC FRAMEWORK FOR DISTRIBUTED NETWORK SECURITY POLICIES MANAGEMENT
137	\$155,000.00	NATL SCIENCE FOUNDATION	Liu, Xiang-Yang	COMP SCI & EGR	NETS:SMALL:GRAMMAR AWARE HIGH-SPEED APPLICATION PROTOCOL PARSING FOR DEEP FLOW INSPECTION
138	\$10,000.00	NATL SCIENCE FOUNDATION	Liu, Xiang-Yang	COMP SCI & EGR	CSR: STUDENT TRAVEL SUPPORT FOR SIGMETRICS 2010
139	\$17,325.00	NATL SCIENCE FOUNDATION	OFRIA, CHARLES ART	COMP SCI & EGR	CAREER: DIGITAL EVOLUTION AND BIOCOMPLEXITY-FROM BIOLOGICAL THEORY TO COMPUTATIONAL APPLICATIONS
140	\$301,054.00	NATL SCIENCE FOUNDATION	Sticklen, Jon	COMP SCI & EGR	CPACE II IMPLEMENTING CONSTITUENCY-DRIVEN CURRICULAR CHANGE THAT INTEGRATES COMPUTATIONAL THINKING ACROSS ENGINEERING DI

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141	\$8,883.00	NATL SCIENCE FOUNDATION	Sticklen, Jon	COMP SCI & EGR	CPACE II IMPLEMENTING CONSTITUENCY-DRIVEN CURRICULAR CHANGE THAT INTEGRATES COMPUTATIONAL THINKING ACROSS ENGINEERING DI
142	\$117,956.00	NATL SCIENCE FOUNDATION	Sun, Yanni	COMP SCI & EGR	CAREER: NEW TECHNOLOGIES FOR GENOME-SCALE COMPARATIVE NCRNA IDENTIFICATION
143	\$496,335.00	NATL SCIENCE FOUNDATION	Balasubramaniam, Sha	ELEC COMP ENGR	AF:SMALL:PARALLEL TRANSIENT SOLVERS FOR MULTISCALE ELECTROMAGNETICS SIMULATION
144	\$360,000.00	NATL SCIENCE FOUNDATION	Biswas, Subir	ELEC COMP ENGR	NETS:SMALL:COOPERATIVE NETWORKED CACHING FOR COST AND REWARD MANAGEMENT IN MOBILE CONTENT ECOSYSTEMS
145	\$174,362.00	NATL SCIENCE FOUNDATION	Chahal, Prem	ELEC COMP ENGR	BRIGE: TERAHERTZ PLANAR CIRCUITS
146	\$262,195.00	NATL INST OF HEALTH - NIH/PHS	McGough, Robert	ELEC COMP ENGR	FAST NUMERICAL MODELING OF MEDICAL ULTRASOUND FOR THERAPY AND IMAGING
147	\$179,970.00	UT BATTELLE LLC (ORNL)	Peng, Fang	ELEC COMP ENGR	Z-SOURCE/CURRENT SOURCE INVERTER
148	\$100,000.00	ELECTRONIC TECH RES INST OF KOREA	Peng, Fang	ELEC COMP ENGR	DEVELOPMENT OF 1.5 MVA WIND POWER GENERATION SYSTEM USING CURRENT BALANCER
149	\$50,000.00	II-VI FOUNDATION	Peng, Fang	ELEC COMP ENGR	RESEARCH GIFT FROM II-VI FOUNDATION
150	\$750,000.00	NATL SCIENCE FOUNDATION	Radha, Hayder	ELEC COMP ENGR	SIGNAL PROCESSING AND INFORMATION THEORETIC APPROACHES TO DENOISING AND DEMYSTIFYING SOCIAL NETWORK SERVICES
151	\$20,000.00	EASTMAN KODAK CO	Radha, Hayder	ELEC COMP ENGR	RESEARCH GIFT FOR DR. HAYDER RADHA
152	\$80,000.00	NATL SCIENCE FOUNDATION	Ren, Jian	ELEC COMP ENGR	RAPID: COLLABORATIVE RESEARCH: GULF OF MEXICO OIL SPILL IMPACT ON BEACH SOIL: RADAR AND RADAR SENSOR NETWORK-BASED APPROACHES
153	\$75,000.00	BOEING COMPANY	Rothwell, Edward	ELEC COMP ENGR	NONDESTRUCTIVE EVALUATION TECHNOLOGY INITIATIVE
154	\$45,975.00	AIR FORCE RESEARCH LABORATORY	Rothwell, Edward	ELEC COMP ENGR	ADVANCED APERTURE RESEARCH
155	\$450,914.00	GENERAL MOTORS CORPORATION	Strangas, Elias	ELEC COMP ENGR	TESTING OF QUALITY OF BAR WINDINGS AND MAGNETIC MATERIALS FOR PMAC MOTORS

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156	\$10,000.00	NATL SCIENCE FOUNDATION	TAN, XIAOBO	ELEC COMP ENGR	CAREER: DEXTEROUS BIOMIMETIC MICROMANIPULATION USING ARTIFICIAL MUSCLES: MODELING; SENSING; AND CONTROL
157	\$8,000.00	NATL SCIENCE FOUNDATION	Tan, Xiaobo	ELEC COMP ENGR	RI:SMALL: AQUASWARM: SMALL WIRELESS AUTONOMOUS ROBOTS FOR MONITORING OF AQUATIC ENVIRONMENTS
158	\$6,000.00	NATL SCIENCE FOUNDATION	TAN, XIAOBO	ELEC COMP ENGR	CAREER: DEXTEROUS BIOMIMETIC MICROMANIPULATION USING ARTIFICIAL MUSCLES: MODELING; SENSING; AND CONTROL
159	\$44,477.00	ELECTRIC POWER RESEARCH INSTITUTE	Udpa, Lalita	ELEC COMP ENGR	EVALUATION OF NRC/ANL DATA ANALYSIS ALGORITHMS
160	\$191,874.00	ARMY RESEARCH OFFICE U S	Xi, Ning	ELEC COMP ENGR	DURIP: ACQUISITION OF AN ALL TERRAIN MOBILE MANIPULATOR
161	\$100,000.00	NAVAL RESEARCH US OFFICE OF USDN	Xi, Ning	ELEC COMP ENGR	CARBON NANOTUBE BASED NON-CRYOGENIC COOLED MWIR CAMERA
162	\$244,631.00	NATL SCIENCE FOUNDATION	Zhu, Guoming	ELEC COMP ENGR	GOALI:COLLABORATIVE RESEARCH: A CONTROL ORIENTED CHARGE MIXING AND HYBRID COMBUSTION MODEL FOR SI-HCCI DUAL MODE ENGINES
163	\$8,400.00	DIGITAL FLOW TECHNOLOGIES	Foss, John	MECHANICAL ENGR	RESEARCH GIFT FOR TURBULENT SHEAR FLOW LABORATORY AT MSU
164	\$62,500.00	MICHIGAN UNIVERSITY OF	Jaberi, Farhad	MECHANICAL ENGR	MICHIGAN/AFRL COLLABORATIVE CENTER IN AERONAUTICAL SCIENCES
165	\$177,543.00	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Koochesfahani, M	MECHANICAL ENGR	INVESTIGATION OF HIGHLY UNSTEADY AERODYNAMICS OF FLAPPING WINGS WITH/WITHOUT A FLEXIBLE TRAILING EDGE USING HIGH RESOLUTION MTV MEASUREMENTS
166	\$140,000.00	NATL SCIENCE FOUNDATION	KOOCHESFAHANI, MANOOCHHR	MECHANICAL ENGR	COLLABORATIVE RESEARCH: HIGH THROUGHPUT AND MASSIVELY PARALLEL SYNTHESIS OF MATERIALS FOR OPTICAL SENSING
167	\$125,000.00	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Kwon, Patrick	MECHANICAL ENGR	DEVELOPMENT OF NEW GENERATION OF PERSPIRABLE SKIN
168	\$6,840.00	NATL AERONAUTICS AND SPACE ADM	Loos, Alfred	MECHANICAL ENGR	CHARACTERIZATION OF PREFORM MATERIALS FOR HIGH TEMPERATURE VARTM
169	\$119,839.00	NATL SCIENCE FOUNDATION	Priezjev, Nikolai	MECHANICAL ENGR	INFLUENCE OF CONFINEMENT ON FLOW, DIFFUSION, AND BOUNDARY CONDITIONS IN NANO CHANNELS: A COMBINED QUANTUM DOT IMAGING AND MOLECULAR DYNAMICS SIMULATIONS APPROACH

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170	\$200,000.00	ENVIRONMENTAL PROTECTION AGENCY	Schock, Harold	MECHANICAL ENGR	ENGINE RESEARCH AND DEVELOPMENT FOR FUTURE ADVANCED VEHICLE TECHNOLOGIES THAT WILL IMPROVE FUEL EFFICIENCY AND REDUCE EMISSIONS
171	\$126,436.00	SCIENCE APPLICATIONS INTERNATIONAL CORPORATION	Schock, Harold	MECHANICAL ENGR	PREPARATION OF TEST CELL AND TESTING OF AUTONOMOUS PLATFORM DEMONSTRATOR (APD)MODIFICATION 2
172	\$269,335.00	NATL SCIENCE FOUNDATION	Xiao, Xinran	MECHANICAL ENGR	GOALI: STRESS IN A POROUS POLYMERIC MEMBRANE SEPARATOR IN A LITHIUM-ION BATTERY
<b>COLLEGE OF HUMAN MEDICINE</b>					
173	\$166,867.00	NATL INST OF HEALTH - NIH/PHS	Collier, Kathy	CHM WEST MICHIGAN	ABERRANT SYNAPTIC PLASTICITY: IMPACT ON DOPAMINE GRAFT OUTCOME
174	\$100,000.00	NATL INST OF HEALTH - NIH/PHS	Collier, Kathy	CHM WEST MICHIGAN	ABERRANT SYNAPTIC PLASTICITY: IMPACT ON DOPAMINE GRAFT OUTCOME
175	\$123,803.25	SAINT MARY'S HEALTH CARE	Dwyer, Jeffrey	CHM WEST MICHIGAN	MSU - ST. MARY'S TRANSLATIONAL HEALTH IN GRAND RAPIDS
176	\$232,173.00	NATL INST OF HEALTH - NIH/PHS	ANTHONY, JAMES C	EPIDEMIOLOGY	NIDA DRUG DEPENDENCE EPIDEMIOLOGY TRAINING - MICHIGAN STATE UNIVERSITY
177	\$65,791.00	NATL INST OF HEALTH - NIH/PHS	ANTHONY, JAMES C	EPIDEMIOLOGY	NIDA DRUG DEPENDENCE EPIDEMIOLOGY TRAINING - MICHIGAN STATE UNIVERSITY
178	\$93,345.00	NATL INST OF HEALTH - NIH/PHS	Paneth, Nigel	EPIDEMIOLOGY	TRAINING PROGRAM IN PERINATAL EPIDEMIOLOGY
179	\$14,434.94	VETERANS ADMINISTRATION	Reeves, Mathew	EPIDEMIOLOGY	STOKE CARE QUALITY WITHIN THE VETERANS HEALTH ADMINISTRATION SYSTEM
180	\$126,094.00	NATL INST OF HEALTH - NIH/PHS	TODEM, DAVID	EPIDEMIOLOGY	ADJUSTING FOR NON-IGNORABLE MISSING DATA IN POPULATION-BASED CANCER RESEARCH
181	\$2,472,271.00	NATL CANCER INSTITUTE -NIH/PHS	Velie, Ellen	EPIDEMIOLOGY	LIFE COURSE ENERGY BALANCE AND BREAST CANCER RISK IN BLACK/WHITE WOMEN UNDER 50
182	\$51,127.00	MI COMMUNITY HEALTH	Given, Charles	FAMILY MEDICINE	TRANSLATING EVIDENCE INTO DEMONSTRATIONS
183	\$598,904.00	NATL INST OF HEALTH - NIH/PHS	Holtrop, Jodi	FAMILY MEDICINE	IMPLEMENTING SUSTAINABLE DIABETES PREVENTION AND SELF-MANAGEMENT IN PRIMARY CARE

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<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
184	\$81,891.00	INGHAM COUNTY HEALTH DEPARTMENT	Holtrop, Jodi	FAMILY MEDICINE	IMPROVING PUBLIC HEALTH QUALITY THROUGH A COMMUNITY OF PRACTICE APPROACH
185	\$125,985.00	AGENCY FOR HEALTHCARE RSCH & QUAL -PHS	Malouin, Rebecca	FAMILY MEDICINE	DEFINING AND BUILDING A PATIENT-CENTERED MEDICAL HOME
186	\$12,087.00	SRA INTERNATIONAL, INC	Malouin, Rebecca	FAMILY MEDICINE	CHAP EVALUATION
187	\$50,000.00	MI COMMUNITY HEALTH	Wadland, William	FAMILY MEDICINE	PHYSICIAN OUTREACH TO INCREASE PARTICIPATION IN EVIDENCE-BASED DISEASE PREVENTION PROGRAMS
188	\$416,222.00	HEALTH RESOURCES & SERVICES ADMIN -PHS	Dwyer, Jeffrey	HUMAN MED DEAN	GERIATRIC EDUCATION CENTER OF MICHIGAN (CONTINUATION)
189	\$15,801.00	MI COMMUNITY HEALTH	Holmes, Denise	HUMAN MED DEAN	MEDICAID CONSULTATION - PLAN FIRST
190	\$11,382.00	CINCINNATI UNIV OF	Lipton, Jack	HUMAN MED DEAN	STRESS-INDUCED DEPRESSION AND PARKINSONIAN SYMPTOMOLOGY
191	\$316,498.00	NATL INST OF HEALTH - NIH/PHS	Sortwell, Caryl	HUMAN MED DEAN	PLEIOTROPHIN OVER EXPRESSION TO FACILITATE REPAIR AND GRAFT EFFICACY IN PARKINSONI
192	\$153,603.00	CINCINNATI UNIV OF	Sortwell, Caryl	HUMAN MED DEAN	AGING AND PARKINSON'S DISEASE: MODELS OF THERAPEUTICS AND NEUROLOGIC CO MORBIDITY
193	\$83,393.00	CINCINNATI UNIV OF	Sortwell, Caryl	HUMAN MED DEAN	PLEIOTROPHIN OVER EXPRESSION TO FACILITATE REPAIR AND GRAFT EFFICACY IN PARKINSONI
194	\$33,613.00	CINCINNATI UNIV OF	Sortwell, Caryl	HUMAN MED DEAN	AN APPROACH TO DOPAMINE GRAFT AUGMENTATION
195	\$8,361.00	CINCINNATI UNIV OF	Sortwell, Caryl	HUMAN MED DEAN	ABERRANT SYNAPTIC PLASTICITY: IMPACT ON DOPAMINE GRAFT OUTCOME
196	\$35,000.00	MARCH OF DIMES FOUNDATION	Mavis, Brian	MED ED RES & DEV	THE PRODUCTION OF HIGH IMPACT SCHOLARSHIP BY MARCH OF DIMES FOUNDATION GRANTEEES
197	\$9,771.30	ENDOCYTE INC	Conley, Barbara	MEDICINE	PROTOCOL EC-0489-01; A PHASE I STUDY OF EC0489 ADMINISTERED WEEKS 1 AND 3 OF A 4 WEEK CYCLE
198	\$6,480.00	ENDOCYTE INC	CONLEY, BARBARA ANN	MEDICINE	PHASE I STUDY OF EC90 WITH GPI-0100 ADJUVANT FOLLOWED BY EC17 WITH CYTOKINES IN PATIENTS WITH REFRACTORY OR METASTATIC

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199	\$893,629.00	CENTER FOR DISEASE CONTROL -PHS	Rosenman, Kenneth	MEDICINE	EXPANDED PROGRAM IN OCCUPATIONAL INJURY AND ILLNESS SURVEILLANCE
200	\$380,000.00	NATL INST OF HEALTH - NIH/PHS	WANG, DONNA H	MEDICINE	VANILLOID SENSITIVE SENSORY NERVES AND SALT SENSITIVITY
201	\$300,960.00	NATL INST OF HEALTH - NIH/PHS	Yu, Kefei	MICRO&MOLEC GEN HM	TARGETED DNA CLEAVAGE AT SWITCH REGIONS IN IMMUNOGLOBULIN CLASS SWITCH RECOMBINATION
202	\$1,251,917.00	NATL INST CHILD HEALTH & HUMAN DEV -NIH/PHS	Fazleabas, Asgerally	OB GYN & REPR BIO	CENTER FOR WOMEN'S HEALTH AND REPRODUCTION
203	\$312,246.00	NATL INST CHILD HEALTH & HUMAN DEV -NIH/PHS	Fazleabas, Asgerally	OB GYN & REPR BIO	MODULATION OF THE RECEPTIVE ENDOMETRIUM BY CG
204	\$82,009.83	MARY KAY ASH CHARITABLE FOUNDATION	Risinger, John	OB GYN & REPR BIO	CHARACTERIZATION OF THE PSPHL GENE PREFERENTIALLY OVER-EXPRESSED IN GYNECOLOGIC CANCERS FROM AFRICAN-AMERICANS
205	\$22,170.00	CYSTIC FIBROSIS FOUND	Gregoire-Bottex, Mar	PED AND HUM DEV	2010-2011 CYSTIC FIBROSIS CENTER AND ACCREDITATION FUNDING
206	\$12,208.47	BIOSYNEXUS INCORPORATED	Karna, Padmani	PED AND HUM DEV	A PHASE 2B/3, MULTI-CENTER, RANDOMIZED, DOUBLE-BLIND, PLACEBO CONTROLLED TRIAL TO EVALUATE THE SAFETY AND EFFICACY OF P
207	\$353,446.00	NATL INST OF HEALTH - NIH/PHS	Galligan, James	PHARM TOXICOL CHM	PRESYNAPTIC MECHANISMS IN THE INTESTINE
208	\$26,000.00	AMER HEART ASSOCIATION	Galligan, James	PHARM TOXICOL CHM	STUDIES OF CATECHOLAMINE RELEASE FROM SINGLE ADRENAL CHROMAFFIN CELLS FROM HEALTHY AND HYPERTENSIVE TEST ANIMALS
209	\$18,000.00	PHRMA FOUNDATION	Galligan, James	PHARM TOXICOL CHM	MACROPHAGE-DERIVED SUPEROXIDE DISRUPTS SYMPATHETIC NERVE FUNCTION IN HYPERTENSION
210	\$456,000.00	NATL INST OF ENVIRON HEALTH SCI -NIH/PHS	Haslam, Sandra	PHYSIOLOGY CHM	PUBERTAL HIGH FAT DIET: EFFECTS ON INFLAMMATION, MAMMARY DEVELOPMENT, AND CANCER
211	\$374,228.00	NATL INST OF HEALTH - NIH/PHS	Parameswaran, Naraya	PSL/HUM PTH-CHM	GPCR KINASE-2 IN TNFALPHA SIGNALING IN MACROPHAGES
212	\$295,457.00	NATL INST OF HEALTH - NIH/PHS	Parameswaran, Naraya	PSL/HUM PTH-CHM	ARRESTINS IN TLR4 SIGNALING IN MACROPHAGES

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COLLEGE OF NATURAL SCIENCE					
213	\$969,828.00	NATL SCIENCE FOUNDATION	Della Penna, Dean	BIOCEM&MOLC BIO NS	TRMS, ELUCIDATING THE GENETIC ARCHITECTURE OF PROVITAMIN A AND VITAMIN E BIOSYNTHESIS IN SEED
214	\$51,450.00	VANDERBILT UNIVERSITY	GARAVITO, R MICHAEL	BIOCEM&MOLC BIO NS	SCCOR IN HEMOSTATIC AND THROMBOTIC DISEASES
215	\$31,095.00	COLORADO SCHOOL OF MINES	Hegg, Eric	BIOCEM&MOLC BIO NS	RENEWABLE BIOSOLAR HYDROGEN PRODUCTION FROM ROBUST OXYGEN PHOTOTROPHS
216	\$201,998.00	NATL INST OF HEALTH - NIH/PHS	BRUENING, MERLIN L	CHEMISTRY	RAPID PROTEIN PURIFICATION BY POLYMER BRUSH-MODIFIED MEMBRANES
217	\$272,000.00	NATL SCIENCE FOUNDATION	Dantus, Marcos	CHEMISTRY	DEVELOPMENT OF A NOVEL LASER SOURCE FOR NONLINEAR OPTICAL APPLICATIONS EARLY-CONCEPT GRANT FOR EXPLORATORY RESEARCH
218	\$159,211.00	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	DANTUS, MARCOS	CHEMISTRY	PULSE SHAPING BASED ULTRA-BROADBANDWIDTH MULTIDIMENSIONAL SPECTROSCOPIC METHODS
219	\$221,083.00	NATL INST OF HEALTH - NIH/PHS	Huang, Xuefei	CHEMISTRY	CHEMOENZYMATIC SYNTHESIS OF HEPARIN AND HEPARAN SULFATE OLIGOSACCHARIDES
220	\$185,112.00	ENERGY US DEPT OF	Kirkpatrick, R	CHEMISTRY	COMPUTATIONAL AND EXPERIMENTAL INVESTIGATIONS OF THE MOLECULAR SCALE STRUCTURE AND DYNAMICS OF GEOLOGICALLY IMPORTANT FLUIDS AND MINERAL-FLUID INTERFACES
221	\$310,000.00	NATL SCIENCE FOUNDATION	McCusker, James	CHEMISTRY	PHYSICAL AND PHOTO PHYSICAL PROPERTIES OF SPIN-POLARIZED MOLECULES
222	\$180,000.00	ENERGY US DEPT OF	McCusker, James	CHEMISTRY	FIRST-ROW TRANSITION METAL-BASED CHROMOPHORES FOR DYE-SENSITIZED SOLAR CELLS: FUNDAMENTAL ISSUES AND APPLICATIONS
223	\$414,000.00	NATL SCIENCE FOUNDATION	Odom, Aaron	CHEMISTRY	DEVELOPMENT OF TITANIUM CATALYSTS AND MULTICOMPONENT COUPLING STRATEGIES APPLICABLE TO HETEROCYCLIC SYNTHESIS
224	\$30,000.00	SPECTRAL SCIENCES, INC.	Piecuch, Piotr	CHEMISTRY	INNOVATIVE APPROACHES TO SCALABLE AND MULTI-REFERENCE COUPLED CLUSTER METHODS
225	\$338,580.00	NATL INST OF HEALTH - NIH/PHS	Reid, Gavin	CHEMISTRY	MASS SPECTROMETRY STRATEGIES TO IDENTIFY LIPID BIOMARKERS OF DISEASE

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226	\$200,000.00	MULTIPLE MYELOMA RESEARCH FOUNDATION	Tepe, Jetze	CHEMISTRY	DEVELOPMENT OF ALLOSTERIC PROTEASOME INHIBITORS FOR THE TREATMENT OF MM
227	\$102,348.00	NATL INST OF HEALTH - NIH/PHS	Weliky, David	CHEMISTRY	SOLID-STATE NMR OF VIRAL FUSION PEPTIDES AND PROTEINS
228	\$181,620.00	NATL SCIENCE FOUNDATION	Long, Tammy	INTEG STD-GEN SCI	SIMPLIFYING COMPLEXITY: ANALYZING STUDENTS MODEL OF BIOLOGICAL SYSTEMS
229	\$14,998.00	NATL SCIENCE FOUNDATION	Hamilton, Stephen	KELLOGG BIO STAT	DISSERTATION RESEARCH: HYDROLOGICAL CONTROLS OF RIVERINE ECOSYSTEMS OF THE NAPO RIVER (AMAZON BASIN): IMPLICATIONS FOR THE MANAGEMENT AND CONSERVATION OF BIODIVERSITY
230	\$7,500.00	NATL SCIENCE FOUNDATION	HAMILTON, STEPHEN K	KELLOGG BIO STAT	WATER LEVEL FLUCTUATIONS AND INTERNAL EUTROPHICATION IN LAKES AND WETLANDS
231	\$90,315.00	NATL SCIENCE FOUNDATION	Akbulut, Selman	MATHEMATICS	4-MANIFOLDS, CALIBRATED MANIFOLDS, REAL ALGEBRAIC VARIETIES
232	\$76,021.00	NATL SCIENCE FOUNDATION	Fintushel, Ronald	MATHEMATICS	SMOOTH 4-MANIFOLDS
233	\$150,000.00	NATL SCIENCE FOUNDATION	Kulkarni, Rajesh	MATHEMATICS	INTERACTIONS BETWEEN NONCOMMUTATIVE ALGEBRA, ALGEBRAIC GEOMETRY AND REPRESENTATION THEORY
234	\$125,937.00	NATL SCIENCE FOUNDATION	Parker, Thomas	MATHEMATICS	GLOBAL ANALYSIS FOR PSEUDO-HOLOMORPHIC AND HARMONIC MAPS
235	\$114,633.00	NATL SCIENCE FOUNDATION	Pearlstein, Gregory	MATHEMATICS	SINGULARITIES OF NORMAL FUNCTIONS AND ALGEBRAIC CYCLES
236	\$50,438.00	NATL SCIENCE FOUNDATION	Peller, Vladimir	MATHEMATICS	SELECTED TOPICS IN PERTURBATION THEORY, SCHUR MULTIPLIERS, AND HANKEL AND TOEPLITZ OPERATORS IN NONCOMMUTATIVE ANALYSIS
237	\$20,000.00	NATL SCIENCE FOUNDATION	Promislow, Keith	MATHEMATICS	POLY AND POLYMER ELECTROLYTES FOR ENERGY CONVERSION
238	\$305,327.00	NATL INST OF HEALTH - NIH/PHS	Wei, Guowei	MATHEMATICS	COLLABORATIVE RESEARCH: GEOMETRIC FLOW APPROACH TO IMPLICIT SOLVATION MODELING
239	\$171,702.00	NATL SCIENCE FOUNDATION	Wei, Guowei	MATHEMATICS	DIFFERENTIAL GEOMETRY APPROACH FOR VIRUS SURFACE FORMATION, EVOLUTION AND VISUALIZATION

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240	\$165,793.00	NATL SCIENCE FOUNDATION	Wei, Guowei	MATHEMATICS	DIFFERENTIAL GEOMETRY APPROACH FOR VIRUS SURFACE FORMATION, EVOLUTION AND VISUALIZATION
241	\$464,304.00	NATL SCIENCE FOUNDATION	Reguera, Gemma	MICRO&MOLEC GEN NS	LIT: MOLECULAR AND ELECTRONIC SIGNATURES OF PILUS NANOWIRES
242	\$160,000.00	NATL SCIENCE FOUNDATION	Theis, Kevin	MICRO&MOLEC GEN NS	A SYMBIOTIC APPROACH TO THE STUDY OF ANIMAL COMMUNICATION
243	\$5,022.00	NATL INST OF HEALTH - NIH/PHS	Waters, Christopher	MICRO&MOLEC GEN NS	CHARACTERIZATION OF THE CYCLIC DI-GMP SIGNALING SYSTEM OF VIBRIO CHOLERAE
244	\$776,708.00	NATL SCIENCE FOUNDATION	MCGROARTY, ESTELLE J	NAT SCI DEAN	ADVANCING DIVERSITY THROUGH ALIGNMENT OF POLICIES AND PRACTICES (ADAPP)
245	\$81,848.00	NATL SCIENCE FOUNDATION	Sibley, Duncan	NAT SCI DEAN	COLLABORATIVE RESEARCH: BUILDING GLOBAL CLIMATE CHANGE LITERACY THROUGH ANALOGICAL REASONING
246	\$118,190.00	NATL INST OF HEALTH - NIH/PHS	BREEDLOVE, STEPHEN MARC	NEUROSCIENCE PR	INTEGRATIVE NEUROBIOLOGY OF SOCIAL PROCESS
247	\$50,048.00	AMER HEART ASSOCIATION	Wang, Hongbing	NEUROSCIENCE PR	THE ROLE OF N-METHYL-D-ASPARTATE RECEPTORS (NMDARS) AT DISTINCT LOCATIONS IN MEDIATING NEURONAL SURVIVAL AND DEATH
248	\$36,682.00	NATL SCIENCE FOUNDATION	Beers, Timothy	PHYSICS-ASTRONOMY	COLLABORATIVE RESEARCH: DISTANCES TO HIGH VELOCITY CLOUDS
249	\$18,789.00	SMITHSONIAN ASTROPHYSICAL OBSERVATORY	Beers, Timothy	PHYSICS-ASTRONOMY	COSMO-CHRONOMETRY AND ELEMENTAL ABUNDANCE DISTRIBUTION OF THE ANCIENT STAR HE1523-0901
250	\$162,088.00	ENERGY US DEPT OF	Birge, Norman	PHYSICS-ASTRONOMY	NOVEL BEHAVIOR OF FERROMAGNET-SUPERCONDUCTOR HYBRID SYSTEMS
251	\$24,000.00	CALIFORNIA STATE UNIVERSITY, FRESNO	Brock, Raymond	PHYSICS-ASTRONOMY	DEVELOPMENT OF THE U.S. ATLAS PHYSICS ANALYSIS INSTRUMENT FOR THE ANALYSIS OF DATA FROM THE ATLAS EXPERIMENT AT THE LARGE HADRON COLLIDER.
252	\$82,053.00	FERMI NATL ACCELERATOR LAB	Bromberg, Carl	PHYSICS-ASTRONOMY	NOVA EXPERIMENT
253	\$15,978.00	NATL AERONAUTICS AND SPACE ADM	Donahue, Megan	PHYSICS-ASTRONOMY	DECIPHERING CLUSTER OBSERVABLES: TRACING THE BARYONS IN CLUSTERS OF GALAXIES
254	\$93,099.00	COLUMBIA UNIVERSITY	Pope, Bernard	PHYSICS-ASTRONOMY	M & O FOR ATLAS T/DAQ AND TILECAL

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255	\$200,000.00	ENERGY US DEPT OF	Ruan, Chong-Yu	PHYSICS-ASTRONOMY	DYNAMICAL NANOSCALE CRYSTALLOGRAPHY WITH FEMTOSECOND RESOLUTION
256	\$100,000.00	NATL SCIENCE FOUNDATION	Schwiehorst, Reinha	PHYSICS-ASTRONOMY	NEW PHYSICS WITH TOP QUARKS AT THE LHC AND BRINGING IT HOME TO A REGIONAL PLANETARIUM
257	\$115,000.00	NATL SCIENCE FOUNDATION	Tessmer, Stuart	PHYSICS-ASTRONOMY	SCANNING PROBE MICROSCOPY OF NANO-ELECTRONIC STRUCTURES
258	\$270,000.00	NATL SCIENCE FOUNDATION	Yuan, Chien-Peng	PHYSICS-ASTRONOMY	GLOBAL QCD ANALYSIS AND ELECTROWEAK SYMMETRY BREAKING IN HIGH ENERGY COLLIDER PHENOMENOLOGY
259	\$284,545.00	NATL INST OF HEALTH - NIH/PHS	WANG, HONGBING	PHYSIOLOGY NSC	REGULATION OF BDNF EXPRESSION BY CALCIUM-STIMULATED PROTEIN KINASES
260	\$30,000.00	USDA - FOREST SERVICE	Adams, Gerard	PLANT BIOLOGY	DETERMINING WHETHER ALASKA'S NEW FOREST PATHOGEN, PHYTOPHTHORA ALNI SSP. UNIFORMIS, IS NATIVE OR INVASIVE.
261	\$17,972.00	OKLAHOMA STATE UNIVERSITY	MALMSTROM, CAROLYN M	PLANT BIOLOGY	PLANT VIRUS ECOLOGY RESEARCH COORDINATION NETWORK
262	\$175,000.00	ENERGY US DEPT OF	Osteryoung, Katherin	PLANT BIOLOGY	MECHANISMS OF CHLOROPLAST DIVISION IN PLANTS
263	\$51,841.00	NATL SCIENCE FOUNDATION	PRATHER, LARRY ALAN	PLANT BIOLOGY	REN: BUILDING A NATIONAL COMMUNITY OF NATURAL HISTORY COLLECTIONS
264	\$440,820.00	NATL SCIENCE FOUNDATION	Schemske, Douglas	PLANT BIOLOGY	COLLABORATIVE RESEARCH (ARABIDOPSIS 2010): ECOLOGICAL GENOMICS OF ADAPTATION TO THE ENVIRONMENT
265	\$323,532.00	NATL INST OF HEALTH - NIH/PHS	HOWE, GREGG ALAN	PLANT RSCH LAB NSC	MOLECULAR MECHANISM OF JASMONATE SIGNALING
266	\$6,000.00	NATL SCIENCE FOUNDATION	HU, JIANPING	PLANT RSCH LAB NSC	ARABIDOPSIS 2010: UNDERSTANDING PEROXISOMAL PROTEIN NETWORKS
267	\$175,000.00	NATL SCIENCE FOUNDATION	Larkin, Robert	PLANT RSCH LAB NSC	THE GUN201 GENE FAMILY, A NOVEL REGULATOR OF CHLOROPLAST BIOGENESIS AND DEVELOPMENT
268	\$249,959.00	NATL SCIENCE FOUNDATION	Sweeder, Ryan	SCI & MATH EDUC	BRAID 2.0: BRINGING RELATIONSHIPS ALIVE THROUGH INTERDISCIPLINARY DISCOURSE
269	\$207,091.00	NATL SCIENCE FOUNDATION	Meerschaert, Mark	STATISTICS & PROB	CMG COLLABORATIVE RESEARCH: TEMPERED STABLE MODELS FOR PREASYMPTOTIC POLLUTANT TRANSPORT IN NATURAL MEDIA

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270	\$99,792.00	NATL SCIENCE FOUNDATION	Wang, Lifeng	STATISTICS & PROB STATISTICAL LEARNING WITH HIGH-DIMENSIONAL STRUCTURED DATA: A REGULARIZED BOOSTING APPROACH
271	\$159,986.00	NATL SCIENCE FOUNDATION	Yang, Lijian	STATISTICS & PROB SIMULTANEOUS CONFIDENCE REGIONS FOR FUNCTIONAL DATA ANALYSIS: THEORY AND METHODS
272	\$70,788.00	NATL SCIENCE FOUNDATION	Boughman, Janette	ZOOLOGY NSC CAREER: MAPPING SEXUAL ISOLATION AND SEXUAL SELECTION IN NATURE FOR A MODEL VERTEBRATE
273	\$46,987.00	NATL SCIENCE FOUNDATION	EISTHEN, HEATHER L	ZOOLOGY NSC CENTRIFUGAL MODULATION IN THE VERTEBRATE OLFACTORY EPITHELIUM
274	\$5,900.00	NATL SCIENCE FOUNDATION	EISTHEN, HEATHER L	ZOOLOGY NSC CENTRIFUGAL MODULATION IN THE VERTEBRATE OLFACTORY EPITHELIUM
275	\$154,726.00	DEFENSE US DEPT OF	Foran, David	ZOOLOGY NSC GENETIC IDENTIFICATION OF THE MANUFACTURERS OF IMPROVISED EXPLOSIVE DEVICES: A GENETIC ANALYSIS SYSTEM FOR RESEARCH AND EDUCATION
276	\$150,000.00	NATL SCIENCE FOUNDATION	Holekamp, Kay	ZOOLOGY NSC IRES: BEHAVIORAL ECOLOGY AND CONSERVATION OF AFRICAN CARNIVORES
277	\$107,570.00	NATL SCIENCE FOUNDATION	Ostrom, Nathaniel	ZOOLOGY NSC DEVELOPMENT OF A GAS PREPARATION SYSTEM FOR THE TRIPLE ISOTOPIC COMPOSITION OF DISSOLVED OXYGEN AND O2/AR IN THE NORTHERN GULF OF MEXICO OIL SPILL REGION
278	\$44,758.00	NATL SCIENCE FOUNDATION	Ostrom, Nathaniel	ZOOLOGY NSC COLLABORATIVE RESEARCH: IMPACT OF THE NEW HORIZON OIL SPILL ON ECOSYSTEM METABOLISM AND GAS EXCHANGE IN THE NORTHERN GULF OF MEXICO HYPOXIC REGION
279	\$6,000.00	NATL SCIENCE FOUNDATION	Shingleton, Alexande	ZOOLOGY NSC CAREER: SIZE MATTERS-THE REGULATION OF ALLOMETRY IN INSECTS
280	\$200,000.00	ENVIRONMENTAL PROTECTION AGENCY	Stevenson, Robert	ZOOLOGY NSC INTEGRATING INDICATORS OF ECOLOGICAL CONDITION AND SERVICES INTO A POLICY FRAMEWORK.
<b>COLLEGE OF NURSING</b>				
281	\$60,902.75	WALTHER CANCER FOUNDATION, INC.	Given, Barbara	COLLEGE OF NURSING BCOG FELLOWSHIP TRAINING PROGRAM
282	\$13,626.00	NATL INST OF HEALTH - NIH/PHS	Given, Barbara	COLLEGE OF NURSING FALLS IN THE COMMUNITY DWELLING ELDERLY WITH A HISTORY OF CANCER
283	\$13,565.00	NATL INST OF HEALTH - NIH/PHS	Given, Barbara	COLLEGE OF NURSING PAIN AND PAIN MANAGEMENT IN A MEDICAID WAIVER PROGRAM

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284	\$45,000.00	MI DEPT OF ENERGY, LABOR & ECONOMIC GROWTH	Poindexter, Kathleen	COLLEGE OF NURSING	2010 MICHIGAN NURSE CORPS MSN GRANT PROGRAM
285	\$202,933.00	HEALTH RESOURCES & SERVICES ADMIN -PHS	Talley, Henry	COLLEGE OF NURSING	NURSE ANESTHESIA EDUCATION SUPPORTING RURAL AND MARGINALIZED COMMUNITIES
286	\$291,105.00	HEALTH RESOURCES & SERVICES ADMIN -PHS	Viau, Terry	COLLEGE OF NURSING	MICHIGAN STATE UNIVERSITY COLLEGE OF NURSING: OVERCOMING EDUCATIONAL BARRIERS
287	\$57,262.00	HEALTH RESOURCES & SERVICES ADMIN -PHS	Wehrwein, Teresa	COLLEGE OF NURSING	ADVANCED EDUCATION NURSING TRAINEESHIP
288	\$91,523.00	NATL INST OF HEALTH - NIH/PHS	Yao, Lan	COLLEGE OF NURSING	CAREGIVER-ASSISTED TAI CHI FOR OLDER PERSONS WITH ALZHEIMER'S DISEASE
<b>COLLEGE OF OSTEOPATHIC MEDICINE</b>					
289	\$134,514.00	NATL INST OF HEALTH - NIH/PHS	SEYDEL, KARL BOYNTON	INTERNAL MED OM	USING PRIMARY ENDOTHELIAL AND PARASITE ISOLATES TO STUDY SEQUESTRATION IN MALARIA
290	\$999,292.00	NATL INST OF ALLERGY & INFEC DIS -NIH/PHS	Taylor, Terrie	INTERNAL MED OM	DETERMINANTS OF MALARIA DISEASE IN MALAWI
291	\$150,000.00	FOGARTY INTL CENTER -NIH/PHS	Taylor, Terrie	INTERNAL MED OM	FROM TRAINING AND RESEARCH TO BEST PRACTICE: THE MALARIA PARTNERSHIP FOR EXCELLENCE
292	\$296,100.00	NATL INST OF HEALTH - NIH/PHS	Amalfitano, Andrea	MICRO&MOLEC GEN OM	ER-LOCALIZED AMINOPEPTIDASES IN ANKYLOSING SPONDYLITIS
293	\$108,000.00	NATL INST OF HEALTH - NIH/PHS	Waters, Christopher	MICRO&MOLEC GEN OM	CHARACTERIZATION OF THE CYCLIC DI-GMP SIGNALING SYSTEM OF VIBRIO CHOLERAE
294	\$103,751.00	NATL INST OF HEALTH - NIH/PHS	ZHENG, YONG-HUI	MICRO&MOLEC GEN OM	MECHANISM OF APOBEC3-MEDIATED INNATE IMMUNITY TO HIV-1
295	\$50,000.00	NATL INST OF HEALTH - NIH/PHS	Zheng, Yong-Hui	MICRO&MOLEC GEN OM	MECHANISM OF APOBEC3-MEDIATED INNATE IMMUNITY TO HIV-1
296	\$88,862.00	NATL INST NEURO & COMM DIS & STROKES	GOUDREAU, JOHN L	NEUROLOGY & OPCOM	MICHIGAN STATE UNIVERSITY PARKINSON DISEASE CLINICAL CENTER
297	\$42,600.00	NATL INST NEURO & COMM DIS & STROKES	GOUDREAU, JOHN L	NEUROLOGY & OPCOM	MICHIGAN STATE UNIVERSITY PARKINSON DISEASE CLINICAL CENTER
298	\$188,100.00	NATL INST OF HEALTH - NIH/PHS	Majid, Arshad	NEUROLOGY & OPCOM	NEUROPROTECTIVE EVALUATION OF ASIATIC ACID IN PRECLINICAL STROKE

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<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
299	\$199,929.00	NATL INST OF HEALTH - NIH/PHS	Cholewicki, Jacek	OST SURGICAL SPEC	A LINK BETWEEN PARITY, TRUNK MUSCLE FUNCTION, AND DEGENERATIVE SPONDYLOLISTHESIS
300	\$1,418,967.00	NATL INST OF HEALTH - NIH/PHS	FINK, GREGORY D	PHARM TOXICOL COM	NEUROHUMORAL CONTROL OF VEINS IN HYPERTENSION
301	\$153,830.00	NATL INST OF HEALTH - NIH/PHS	HAYWOOD II, JOSEPH R	PHARM TOXICOL COM	MSU- SHORT COURSE IN INTERGRATIVE PHARMACOLOGY
302	\$249,000.00	NATL INST OF HEALTH - NIH/PHS	NORTHCOTT, CARRIE ANALICE	PHARM TOXICOL COM	PARAVENTRICULAR NUCLEUS SIGNALING MECHANISMS IN HYPERTENSION
303	\$228,000.00	NATL INST OF HEALTH - NIH/PHS	McCabe, Laura	PHYSIOLOGY COM	PROBIOTICS AND BONE HEALTH - ROLE OF GENDER AND INTESTINAL HEALTH
304	\$20,000.00	NATL SCIENCE FOUNDATION	Johnson, John	RADIOLOGY COM	CONFERENCE ON NEW STUDIES OF NEUROBEHAVIORAL EVOLUTION
305	\$10,000.00	NATL INST NEURO & COMM DIS & STROKES	Johnson, John	RADIOLOGY COM	NEUROBEHAVIORAL EVOLUTION CONFERENCE
<b>COLLEGE OF SOCIAL SCIENCE</b>					
306	\$272,298.00	INST OF INTERNATL EDUCATION	Glew, Robert	CASID-SS	HUBERT H. HUMPHREY FELLOWSHIP PROGRAM
307	\$206,955.00	EDUCATION U.S. DEPT OF	Glew, Robert	CASID-SS	NATIONAL RESOURCE CENTER FOR FOREIGN LANGUAGE AND INTERNATIONAL STUDIES
308	\$162,000.00	EDUCATION U.S. DEPT OF	Glew, Robert	CASID-SS	FOREIGN LANGUAGE FELLOWSHIPS (FLAS)
309	\$9,925.00	MICHIGAN UNIVERSITY OF	Bynum, Timothy	CRIMINAL JUSTICE	DIRECTOR OF THE NATIONAL ARCHIVE OF CRIMINAL JUSTICE DATA (NACJD)
310	\$35,294.00	RESEARCH FOUNDATION OF CUNY	CHERMAK, STEVEN M	CRIMINAL JUSTICE	CREATION OF A DATABASE OF US EXTREMIST CRIME; 1990-2009
311	\$34,421.00	RESEARCH FOUNDATION OF CUNY	CHERMAK, STEVEN M	CRIMINAL JUSTICE	CREATION OF A DATABASE OF US EXTREMIST CRIME; 1990-2009
312	\$206,722.00	LANSING POLICE DEPARTMENT	McGarrell, Edmund	CRIMINAL JUSTICE	LANSING NEIGHBORHOOD STABILIZATION AND YOUTH VIOLENCE INITIATIVE
313	\$87,837.00	MINNESOTA UNIV OF	Spink, John	CRIMINAL JUSTICE	FOOD FRAUD PUBLIC HEALTH THREAT BACKGROUNDER

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314	\$26,875.00	UNIVERSITY ENTERPRISES, INC. SACRAMENTO STATE	Fisher, Ronald	ECONOMICS	DEBT BURDENS OF CALIFORNIA STATE AND LOCAL GOVERNMENTS: PAST, PRESENT AND FUTURE	
315	\$26,696.28	NATIONAL INSTITUTE FOR AGRO-ENVIRONMENTAL SCIENCES	Qi, Jiaguo	GEOGRAPHY	SATELLITE-BASED LAND AND ECOSYSTEM INTELLIGENCE SYSTEM AND INTERNATIONAL CONSORTIUM FOR FOOD AND ENVIRONMENTAL INTELLIGENCE	
316	\$34,188.00	EDUCATION U.S. DEPT OF	Simmons, Cynthia	GEOGRAPHY	GLOBALIZATION - SOCIO-ECONOMIC, POLITICAL, AND ENVIRONMENTAL INTERDEPENDENCE: A COLLABORATIVE, MULTI-DISCIPLINARY, MULTI-CULTURAL EDUCATION EXCHANGE BETWEEN THE UNITED STATES AND BRAZIL	
317	\$39,820.00	NATL SCIENCE FOUNDATION	WALKER, ROBERT T	GEOGRAPHY	COLLABORATIVE RESEARCH: TERRITORIALIZING EXPLOITATION SPACE AND THE FRAGMENTATION OF THE AMAZON FOREST	
318	\$118,000.00	USDA - ANIMAL AND PLT HTL INSP SER	Colunga-Garcia, Manu	GLOBAL CHG & EARTH	RISK ANALYSIS DATABASE FOR OPTIMAL SPATIO-TEMPORAL TARGETING OF PATHWAYS FOR SPECIALTY CROPS	
319	\$279,829.00	NATL INST OF HEALTH - NIH/PHS	MESSINA, JOSEPH P	GLOBAL CHG & EARTH	A DYNAMIC ECOLOGICAL SIMULATION MODEL OF TSETSE TRANSMITTED TRYPANOSOMOSIS IN KENYA	
320	\$30,000.00	NATL AERONAUTICS AND SPACE ADM	MESSINA, JOSEPH P	GLOBAL CHG & EARTH	NESS FELLOWSHIP: COMPLEX LAND USE AND COVER TRAJECTORIES IN THE NORTHERN CHOCO BIOREGION OF COLOMBIA	
321	\$11,663.00	BRITISH LIBRARY	Hawthorne, Walter	HISTORY	SOCIAL HISTORY OF THE GAMBIA: RESCUING AN ENDANGERED ARCHIVE, POLICE AND COURT RECORDS	
322	\$12,700.00	U S DEPT OF VETERANS AFFAIRS	Blow, Adrian	HUM DEV FAM STD	VETERANS ADMINISTRATION MOBILITY ASSIGNMENT	
323	\$492,408.00	NATL SCIENCE FOUNDATION	Miller, Jon	ICASL CSS	THE DEVELOPMENT OF EMPIRICAL MODELS TO UNDERSTAND EDUCATIONAL AND OCCUPATIONAL CHOICES	
324	\$27,530.00	PENNSYLVANIA STATE UNIVERSITY	Colaesi, Michael	POLITICAL SCIENCE	OPPOSITION, RETORIC, AND DEMOCRATIC-STYLED INSTITUTIONS IN THE MIDDLE EAST AND NORTH AFRICA	
325	\$601,361.00	NATL INST OF MENTAL HLTH -NIH/PHS	Burt, Sybil	PSYCHOLOGY	SSC	INTEGRATING CONTEXTUAL, PROXIMAL, AND INDIVIDUAL RISKS FOR CHILD CONDUCT PROBLEMS
326	\$297,749.00	NATL INST OF MENTAL HLTH -NIH/PHS	BURT, SYBIL ALEXANDRA	PSYCHOLOGY	SSC	GENE-ENVIRONMENT INTERACTIONS IN CHILDHOOD CONDUCT PROBLEMS
327	\$576,443.00	NATL INST OF HEALTH - NIH/PHS	KLUMP, KELLY LYNN	PSYCHOLOGY	SSC	A TWIN STUDY OF OVARIAN HORMONES AND DISORDERED EATING

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328	\$150,000.00	NATL AERONAUTICS AND SPACE ADM	Kozlowski, Steven	PSYCHOLOGY SSC	DEVELOPING, MAINTAINING AND RESTORING TEAM COHESION
329	\$16,797.00	CHINESE UNIVERSITY OF HONG KONG	Leong, Frederick	PSYCHOLOGY SSC	A CROSS-CULTURAL STUDY OF PERSONALITY AND SOCIALIZATION ANTECEDENTS OF CAREER SELF-EFFICACY AMONG HIGH SCHOOL STUDENTS
330	\$311,106.00	NATL INST OF HEALTH - NIH/PHS	Lonstein, Joseph	PSYCHOLOGY SSC	NEUROBIOLOGICAL CONTROL OF MATERNAL ANXIETY
331	\$188,247.00	ALABAMA UNIVERSITY OF	Miller, Robin	PSYCHOLOGY SSC	ATN COORDINATING CENTER
332	\$110,100.00	NATL SCIENCE FOUNDATION	Pleskac, Timothy	PSYCHOLOGY SSC	CAREER: BRINGING A DYNAMIC, STOCHASTIC AND COMPUTATIONAL UNDERSTANDING TO SUBJECTIVE PROBABILITIES
333	\$161,272.00	LOYOLA UNIVERSITY CHICAGO	Sisk, Cheryl	PSYCHOLOGY SSC	MECHANISMS OF SEXUALLY DIFFERENTIATED BRAIN REMODELING DURING ADOLESCENCE
334	\$15,890.00	NATL INST OF MENTAL HLTH -NIH/PHS	Sullivan, Cris	PSYCHOLOGY SSC	RISP FOR MENTAL HEALTH SERVICES IN THE AFTERMATH OF VIOLENCE AGAINST WOMEN
335	\$582,872.00	NATL INST OF HEALTH - NIH/PHS	SULLIVAN, CRIS M	PSYCHOLOGY SSC	RISP FOR MENTAL HEALTH SERVICES IN THE AFTERMATH OF VIOLENCE AGAINST WOMEN
336	\$307,140.00	NATL INST OF HEALTH - NIH/PHS	WADE, JULI S.	PSYCHOLOGY SSC	DEVELOPMENTAL REGULATION OF BRAIN AND BEHAVIOR
337	\$200,000.00	MI DEPT OF HUMAN SERVICES	Anderson, Gary	SOCIAL WORK	KINSHIP CARE RESOURCE CENTER
338	\$47,005.00	STATE UNIVERSITY OF NEW YORK	ANDERSON, GARY R	SOCIAL WORK	CHILD WELFARE TRAINING: NATIONAL CHILD WELFARE WORKFORCE INITIATIVES
339	\$40,000.00	AMER CANCER SOCIETY	Pimlott-Kubiak, Sher	SOCIAL WORK	PROMOTING SEXUAL HEALTH IN PROSTATE CANCER
340	\$33,950.00	WAYNE COUNTY	Pimlott-Kubiak, Sher	SOCIAL WORK	WAYNE COUNTY THIRD CIRCUIT MENTAL HEALTH COURT EVALUATION PROGRAM
341	\$12,500.00	WAYNE COUNTY	Pimlott-Kubiak, Sher	SOCIAL WORK	WAYNE COUNTY THIRD CIRCUIT MENTAL HEALTH COURT EVALUATION PROGRAM

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<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
COLLEGE OF VETERINARY MEDICINE					
342	\$65,943.00	USDA - ANIMAL AND PLT HTL INSP SER	Kaneene, John	DIAG CTR ANML HLTH	IMPACTS OF RISK-BASED MANAGEMENT CHANGES IN REDUCING THE INCIDENCE AND PREVALENCE OF M. PARATUBERCULOSIS INFECTION IN DAIRY HERDS
343	\$1,304,356.00	NATL INST OF ALLERGY &INFEC DIS -NIH/PHS	Mansfield, Linda	FOOD SAFETY/TOX	ERIN CRC: HOST-MICROBIOTA-PATHOGEN INTERACTIONS GOVERN ENTERIC HEALTH AND DISEASE
344	\$291,862.00	NATL INST OF HEALTH - NIH/PHS	KAMINSKI, NORBERT E.	INTEG TOXICOLOGY	IL-2 SUPPRESSION BY ENDOCANNABINOID ACTIVATION OF PPARγ
345	\$363,559.00	NATL INST OF ENVIRON HEALTH SCI -NIH/PHS	ROTH, ROBERT A	INTEG TOXICOLOGY	MULTIDISCIPLINARY TRAINING IN ENVIRONMENTAL TOXICOLOGY
346	\$24,971.00	UNITED STATES EQUESTRIAN FEDERATION INC	Cook, Vanessa	LG ANML CLIN SCI	DOES LIDOCAINE IMPROVE RECOVERY OF THE EQUINE LARGE COLON AFTER ISCHEMIC INJURY
347	\$78,217.00	NATL HEART LUNG BLOOD INST -NIH/PHS	Ewart, Susan	LG ANML CLIN SCI	INCREASING DIVERSITY IN EXPERIENTIAL RESEARCH EDUCATION AT MICHIGAN STATE UNIVERSITY
348	\$110,659.00	NATL INST OF HEALTH - NIH/PHS	MANSFIELD, LINDA S.	MICRO&MOLEC GEN VM	MURINE MODELS TO TEST PARASITE PRODUCTS AS CURES FOR INFLAMMATORY BOWEL DISEASE
349	\$276,116.00	NATL INST OF HEALTH - NIH/PHS	Atchison, William	PHARM TOXICOL CVM	INCREASING HISPANIC REPRESENTATION IN NEUROSCIENCE
350	\$62,500.00	NATL INST OF HEALTH - NIH/PHS	Atchison, William	PHARM TOXICOL CVM	INCREASING HISPANIC REPRESENTATION IN NEUROSCIENCE
351	\$32,680.00	NATL INST OF ENVIRON HEALTH SCI -NIH/PHS	Atchison, William	PHARM TOXICOL CVM	NEUROTOXIC MECHANISM OF METHYL MERCURY POISONING
352	\$255,816.00	NATL INST OF HEALTH - NIH/PHS	ROTH, ROBERT A	PHARM TOXICOL CVM	INFLAMMATION AND DRUG IDIOSYNCRASY
353	\$59,619.00	ALABAMA UNIVERSITY OF	HARKEMA, JACK R.	PTH & DIAG INVEST	MECHANISMS OF SPECIES DEPENDENT ENVIRONMENTAL LUNG INJURY PROJECT 3
354	\$58,426.00	ALABAMA UNIVERSITY OF	HARKEMA, JACK R.	PTH & DIAG INVEST	MECHANISMS OF SPECIES DEPENDENT ENVIRONMENTAL LUNG INJURY PROJECT 3
355	\$72,000.00	WASHINGTON UNIV SCHOOL OF MEDICINE	Mackenzie, Charles	PTH & DIAG INVEST	OPTIMIZATION OF CHEMOTHERAPY FOR CONTROL AND ELIMINATION OF ONCHOCERCIASIS AND LYMPHATIC FILARIASIS (DEATH TO ONCHO AND

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356	\$50,000.00	WASHINGTON UNIV SCHOOL OF MEDICINE	Mackenzie, Charles	PTH & DIAG INVEST	OPTIMIZATION OF CHEMOTHERAPY FOR CONTROL AND ELIMINATION OF ONCHOCERCIASIS AND LYMPHATIC FILARIASIS (DEATH TO ONCHO AND
357	\$19,004.00	WASHINGTON UNIV SCHOOL OF MEDICINE	Mackenzie, Charles	PTH & DIAG INVEST	OPTIMIZATION OF CHEMOTHERAPY FOR CONTROL AND ELIMINATION OF ONCHOCERCIASIS AND LYMPHATIC FILARIASIS (DEATH TO ONCHO AND
358	\$131,951.00	MPI RESEARCH INC	REED, WILLIE M.	PTH & DIAG INVEST	RESIDENT TRAINING IN TOXICOLOGIC PATHOLOGY AT MSU AND MPI RESEARCH INC
359	\$151,935.00	TRANSLATIONAL GENOMICS RESEARCH INSTITUTE	Yuzbasiyan-Gurkan, V	SM ANML CLIN SCI	CANINE HEREDITARY CANCER CONSORTIUM: FROM BARK TO BEDSIDE
360	\$81,123.00	NATL INST OF HEALTH - NIH/PHS	YUZBASIIYAN-GURKAN, VILMA	SM ANML CLIN SCI	SHORT-TERM RESEARCH TRAINING PROGRAM FOR VETERINARY STUDENTS
<b>VICE PROVOST LIBRARIES COMPUTING &amp;TECHNLGY</b>					
361	\$150,000.00	PNC FOUNDATION	Hamilton, Deanne	BROADCASTING SERV	GROW UP GREAT
<b>NAT'L SUPERCONDUCTING CYCLOTRON LABORATORY</b>					
362	\$80,000.00	NATL SCIENCE FOUNDATION	BOGNER, SCOTT K	NATL CYCLOTRON LAB	NUCLEAR STRUCTURE WITH RENORMALIZATION GROUP IMPROVED INTERACTIONS AND OPERATIONS
363	\$130,000.00	ENERGY US DEPT OF	Brown, Boyd	NATL CYCLOTRON LAB	BUILDING A UNIVERSAL NUCLEAR ENERGY DENSITY FUNCTIONAL
364	\$600,000.00	ENERGY US DEPT OF	Compton, Christopher	NATL CYCLOTRON LAB	FOUNDATIONS FOR QUANTITATIVE MICRO STRUCTURAL MODELS TO TRACK EVOLUTION OF THE METALLURGICAL STATE DURING HIGH PURITY NB CAVITY FABRICATION
365	\$51,000.00	ENERGY US DEPT OF	GADE, ALEXANDRA	NATL CYCLOTRON LAB	STUDY OF CORRELATION EFFECTS IN NUCLEI AT THE LIMIT OF STABILITY (DOE OUTSTANDING JR INVESTIGATOR (NP)
366	\$10,500,000.00	NATL SCIENCE FOUNDATION	GELBKE, C KONRAD	NATL CYCLOTRON LAB	OPERATION OF THE NSCI AT MSU AS A NATIONAL USER FACILITY AND SUPPORT FOR ITS RESEARCH PROGRAM
367	\$47,252.00	MASSACHUSETTS INST OF TECHNOLOGY	Vincent, John	NATL CYCLOTRON LAB	CONCEPTUAL RF SYSTEM FOR A HIGH INTENSITY SUPERCONDUCTING CYCLOTRON DEMONSTRATION FOR ACTIVE INTERROGATION
368	\$587,895.00	JEFFERSON SCIENCE ASSOCIATES LLC	Zeller, Albert	NATL CYCLOTRON LAB	SHMS HORIZONTAL BEND SUPERCONDUCTING DIPOLE

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<b>PROVOST-VICE PRES FOR ACADEMIC AFFAIRS</b>					
369	\$16,570.00	JOHNS HOPKINS UNIVERSITY	Bonner, Joseph	CTSI	GENE-ENVIRONMENT INTERACTION STUDY FOR AUTISM: THE SEED STUDY
370	\$13,441.80	FOREST LABORATORIES INC.	Henry, Jonathan	CTSI	A DOUBLE-BLIND, PLACEBO-CONTROLLED, FLEXIBLE-DOSE STUDY OF F-2695 SR IN ADULT PATIENTS WITH MAJOR DEPRESSIVE DISORDER LV
371	\$9,345.29	JANSSEN ALZHEIMER IMMUNOTHERAPY	Henry, Jonathan	CTSI	A PHASE 3 EXTENSION, MULTICENTER, DOUBLE-BLIND, LONG TERM SAFETY AND TOLERABILITY TREATMENT TRIAL OF BAPINEUZUMAB (AAB 0
372	\$700,000.00	CENTER FOR DISEASE CONTROL -PHS	Reed, Philip	CTSI	DATA COORDINATING CENTER OF AUTISM & OTHER DISABILITIES
373	\$1,400,000.00	MSU FOUNDATION	WILCOX, KIM A	PROVOST	STRATEGIC PARTNERSHIP GRANTS (61-6533)
374	\$330,800.00	MSU FOUNDATION	WILCOX, KIM A	PROVOST	FACILITATION GRANTS (71-2997)
<b>ASC PROVOST FOR ACADEMIC SERVICES</b>					
375	\$2,431,897.00	EDUCATION U.S. DEPT OF	Shipman, Richard	FINANCIAL AID	FEDERAL WORKSTUDY PROGRAM
<b>ASC PROV FOR UNIV OUTREACH &amp; ENGAGEMENT</b>					
376	\$149,316.00	INSTITUTE OF MUSEUM AND LIBRARY SERVICES	Macdowell, Marsha	MUSEUM -UOE	MICHIGAN STATE UNIVERSITY MUSEUM NEW COLLECTIONS REHOUSING PROJECT
377	\$98,173.00	INSTITUTE OF MUSEUM AND LIBRARY SERVICES	Macdowell, Marsha	MUSEUM -UOE	PLANNING QUILT INDEX INTERNATIONAL
378	\$7,500.00	MI ARTS & CULTURAL AFFAIRS	Brand, Michael	PERF ARTS FAC & PR	MSU FEDERAL CREDIT UNION INSTITUTE FOR ARTS & CREATIVITY
379	\$17,447.00	MI COMMUNITY HEALTH	Swierenga, Sarah	UARC	BACKGROUND CHECK SYSTEM EXPANSION AND TRANSITION
380	\$67,439.00	MICHIGAN UNIVERSITY OF	Fitzgerald, Hiram	UN OUTRCH ENG- ADM	FAMILY STUDY OF RISK FOR ALCOHOLISM OVER THE LIFE COURSE

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<b>ASC PROV ACAD STDNT SERV &amp; MULTICUL ISSUES</b>					
381	\$226,600.00	EDUCATION U.S. DEPT OF	BELLAMY, PAMELA	ASC PRV ASSMI	TALENT SEARCH
382	\$464,021.00	EDUCATION U.S. DEPT OF	GARCIA, LOUIS A	MIGRANT STU SERV	MSU HEP
383	\$680,683.00	EDUCATION U.S. DEPT OF	Wiggins, Aurles	SUPPORT SERV PROG	STUDENT SUPPORT SERVICE
384	\$427,214.00	EDUCATION U.S. DEPT OF	HAMMOND, GLENDA	UPWARD BOUND	UPWARD BOUND
<b>INTERNATIONAL STUDIES AND PROGRAMS</b>					
385	\$298,500.00	EDUCATION U.S. DEPT OF	Pritchett, James	AFR STD CTR	FOREIGN LANGUAGE AND AREA STUDIES FELLOWSHIPS PROGRAMS
386	\$254,372.00	EDUCATION U.S. DEPT OF	Pritchett, James	AFR STD CTR	NATIONAL RESOURCE CENTER FOR FOREIGN LANGUAGE AND AREA STUDIES
387	\$24,554.00	VARIOUS COLLEGES & UNIVERSITIES	Pritchett, James	AFR STD CTR	SCALI 2010 LANGUAGE INSTRUCTION
388	\$16,296.00	VARIOUS COLLEGES & UNIVERSITIES	Pritchett, James	AFR STD CTR	SCALI 2010 FLAS AWARDS
389	\$12,000.00	VARIOUS COLLEGES & UNIVERSITIES	Pritchett, James	AFR STD CTR	SCALI 2010 FLAS AWARDS
390	\$12,000.00	VARIOUS COLLEGES & UNIVERSITIES	Pritchett, James	AFR STD CTR	SCALI 2010 FLAS AWARDS
391	\$6,000.00	INDIANA UNIV	Pritchett, James	AFR STD CTR	2009 SUMMER COOPERATIVE AFRICAN LANGUAGE INSTITUTE AT MSU
392	\$6,000.00	VARIOUS COLLEGES & UNIVERSITIES	Pritchett, James	AFR STD CTR	SCALI 2010 LANGUAGE INSTRUCTION
393	\$6,000.00	VARIOUS COLLEGES & UNIVERSITIES	Pritchett, James	AFR STD CTR	SCALI 2010 LANGUAGE INSTRUCTION
394	\$296,413.00	EDUCATION U.S. DEPT OF	Chandra, Siddharth	ASIAN STD CTR	NATIONAL RESOURCE CENTER IN ASIAN STUDIES (ALL-ASIA), US DEPARTMENT OF EDUCATION

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395	\$211,500.00	EDUCATION U.S. DEPT OF	Chandra, Siddharth	ASIAN STD CTR	2010-14 FOREIGN LANGUAGE AREA STUDIES FELLOWSHIP FOR ASIAN LANGUAGE STUDY
396	\$19,610.00	PEACE CORPS	Glew, Robert	CASID-ISP	MSU PEACE CORPS RECRUITING OFFICE
397	\$1,250,000.00	KOLSCHOWSKY, GERALD AND KAREN FOUNDATION	Riedinger, Jeffrey	INTNL STD DEAN	TANZANIA PARTNERSHIPS FOR SUSTAINABLE COMMUNITY DEVELOPMENT PROGRAM
<b>MICHIGAN AGRICULTURAL EXPERIMENT STATION</b>					
398	\$250,000.00	AGENCY FOR INTERNATL DEVELOPMENT	Boughton, Duncan	AGRIC ECON MAES	FOOD SECURITY III - AFRICA BUREAU; OFFICE OF SUSTAINABLE DEVELOPMENT (ASD)
399	\$39,194.00	MI LABOR	Harsh, Stephen	AGRIC ECON MAES	TALL TOWERS WIND ENERGY MONITORING
400	\$80,000.00	SOUTHERN RURAL DEVELOPMENT CENTER	Loveridge, Scott	AGRIC ECON MAES	ADVANCE YOUR REGION
401	\$46,400.00	MISSISSIPPI STATE UNIVERSITY	Loveridge, Scott	AGRIC ECON MAES	EMERGENCY PREPAREDNESS DEMONSTRATION PROGRAM
402	\$6,842.00	NATHAN ASSOCIATES INC	Reardon, Thomas	AGRIC ECON MAES	ASEAN FOOD SECURITY CONFERENCE - SHORT TERM CONSULTANCY UNDER THE ASEAN ECONOMIC COMMUNITY BLUEPRINT
403	\$1,000,000.00	AGENCY FOR INTERNATL DEVELOPMENT	Staatz, John	AGRIC ECON MAES	FOOD SECURITY III - STRENGTHENING MALIS CAPACITY TO IMPLEMENT FOOD SECURITY POLICY
404	\$250,000.00	AGENCY FOR INTERNATL DEVELOPMENT	Staatz, John	AGRIC ECON MAES	FOOD SECURITY III - STRENGTHENING MALIS CAPACITY TO IMPLEMENT FOOD SECURITY POLICY
405	\$20,000.00	MINK FARMERS RESEARCH FOUNDATION I	Bursian, Steven	ANIMAL SCIENCE AES	RESEARCH ON NUTRITION, TOXICOLOGY, BEHAVIOR AND MANAGEMENT OF MINK
406	\$163,096.00	US DEPT AGRICULTURE	Lock, Adam	ANIMAL SCIENCE AES	THE IMPACT OF MILK FAT-DERIVED BIOACTIVE FATTY ACIDS ON THE FETAL PROGRAMMING OF ATHEROSCLEROSIS
407	\$13,858.00	HENRY A. WALLACE BELTSVILLE AGRICULTURAL RESEARCH CENTER	Steibel, Juan	ANIMAL SCIENCE AES	COMPARISON OF EARLY IMMUNE RESPONSES OF PIGS WHICH ARE GENETICALLY PRRS RESISTANT/TOLERANT USING A SWINE-SPECIFIC IMMUNE PROTEIN (CYTOKINE) MULTIPLEX ASSAY
408	\$252,399.00	NATL INST OF HEALTH - NIH/PHS	HAUSINGER, ROBERT P	BIOCM&MOL BIO MAES	MECHANISM OF UREASE METALLOCENTER BIOSYNTHESIS

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409	\$92,717.00	GERBER NESTLE	Dolan, Kirk	BIOSYSTEMS AG ENGR	NUTRITIONAL VALUES OF FOOD MATERIAL AND PREDICTIVE MODELING OF DEGRADATION DURING THERMAL PROCESSING
410	\$118,754.00	ILSI N. AMER TECH COMM ON FOOD MICROBIO	Marks, Bradley	BIOSYSTEMS AG ENGR	IMPROVED PROCESS VALIDATION STRATEGIES FOR SALMONELLA INACTIVATION ON LOW-MOISTURE FOOD PRODUCTS SUBJECTED TO THERMAL PASTEURIZATION PROCESSES
411	\$22,600.00	MICH SOYBEAN PROMOTION COMMITTEE	Rivera, Jennifer	CARRS MAES	SOYBEANS GO TO SCHOOL
412	\$40,000.00	USDA - AGRI RESEARCH SERV US DEPT AGR	Douches, David	CROP & SOIL SC AES	IDENTIFYING AND CHARACTERIZING RESISTANCE FROM DIVERSE POTATO GERMPLASM SOURCES TO HIGHLY AGGRESSIVE STRAINS OF LATE BLIGHT
413	\$18,382.00	SOUTHERN ILLINOIS UNIVERSITY	Freed, Russell	CROP & SOIL SC AES	DEVELOPING NEW CULTIVARS AND YIELD EVALUATION FOR WINTER CANOLA IN MICHIGAN
414	\$83,575.00	USDA - AGRICULTURE U.S. DEPT. OF - ES	Grandy, Andrew	CROP & SOIL SC AES	MULTI-SCALE CONSEQUENCES OF ROTATIONAL DIVERSITY IN MIDWESTERN AGRICULTURAL SYSTEMS
415	\$700,000.00	KELLOGG W K FOUNDATION	Hamm, Michael	CROP & SOIL SC AES	FOOD AND COMMUNITY CONNECTIONS
416	\$247,558.00	US DEPT AGRICULTURE	Hamm, Michael	CROP & SOIL SC AES	SUSTAINABLE AGRICULTURE 2010: DEVELOPING SUSTAINABLE AGRICULTURE AND FOOD SYSTEMS
417	\$25,000.00	NEBRASKA UNIVERSITY OF	Kelly, James	CROP & SOIL SC AES	RESISTANCE IMPROVEMENT OF BEAN THROUGH MULTI-SITE SCREENING AND PATHOGEN CHARACTERIZATION
418	\$65,000.00	ENERGY US DEPT OF	Reguera, Gemma	CROP & SOIL SC AES	FROM NANOWIRES TO BIOFILMS: AN EXPLORATION OF NOVEL MECHANISMS OF URANIUM TRANSFORMATION MEDIATED BY GEOBACTER BACTERIA
419	\$12,950.00	BASF CORPORATION	Thelen, Kurt	CROP & SOIL SC AES	SILAGE PERFORMANCE TRIALS
420	\$55,000.00	USDA - AGRI RESEARCH SERV US DEPT AGR	Wang, Dechun	CROP & SOIL SC AES	MOLECULAR DISSECTION OF NEW SOYBEAN APHID RESISTANT GENESE AND SNP MARKERS FOR MARKER ASSISTED BREEDING
421	\$40,586.00	USDA - AGRI RESEARCH SERV US DEPT AGR	Wang, Dechun	CROP & SOIL SC AES	ENHANCING SOYBEAN FOR RESISTANCE TO SCLEROTINIA STEM ROT
422	\$21,000.00	NORTH CENTRAL SOYBEAN RESEARCH PROGRAM	BIRD,GEORGE W	ENTOMOLOGY AES	IMPROVING MANAGEMENT OF SOYBEAN CYST NEMATODE THROUGH EXTENSION DEMONSTRATION AND OUTREACH

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<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>
423	\$192,444.00	MAINE UNIV OF	Mota-Sanchez, David	ENTOMOLOGY AES GEOGRAPHIC VARIATION IN THE COLORADO POTATO BEETLE RESISTANCE TO IMIDACLOPRID
424	\$370,689.00	NATL INST OF HEALTH - NIH/PHS	WALKER, EDWARD D	ENTOMOLOGY AES LARVAL MOSQUITO FEEDING AND MICROBIAL INTERACTIONS
425	\$16,038.00	MICHIGAN APPLE COMMITTEE	Wise, John	ENTOMOLOGY AES TRUNK INJECTION TECHNOLOGY FOR PESTICIDE DELIVERY IN APPLES
426	\$12,208.00	MICHIGAN APPLE COMMITTEE	Wise, John	ENTOMOLOGY AES MITE FLARING IN APPLES
427	\$7,540.00	MICH CHERRY COMMITTEE	Wise, John	ENTOMOLOGY AES DEVELOPMENT OF A STRATEGIC CHERRY-PEST CHEMICAL SCREENING PROGRAM FOR POTENTIAL NEW PESTICIDE CANDIDATES FOR IR-4 REGISTRATION
428	\$11,000.00	MICH CHERRY COMMITTEE	Rothwell, Nikki	EXT NORTH REGION IMPACT OF SPRAYER TECHNOLOGY AND PESTICIDE CHEMISTRY ON CROP PROTECTION IN TART CHERRY
429	\$9,000.00	MICH CHERRY COMMITTEE	Rothwell, Nikki	EXT NORTH REGION SWEET CHERRY CULTIVAR EVALUATIONS
430	\$87,322.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Bence, James	FISH & WILDLF AES IMPROVING FISHERY STOCK ASSESSMENTS IN THE GREAT LAKES
431	\$91,318.50	GREAT LAKES FISHERY COMMISSION	Jones, Michael	FISH & WILDLF AES GLFC PERM SALARY AND FRINGES RESEARCH ASSOCIATE, ANDREW MUIR
432	\$73,360.00	GREAT LAKES FISHERY COMMISSION	Jones, Michael	FISH & WILDLF AES GLFC PERM SALARY AND FRINGE, OUTREACH SPECIALIST HOLLY PATRICK
433	\$64,060.80	GREAT LAKES FISHERY COMMISSION	Jones, Michael	FISH & WILDLF AES GLFC PERM SALARY AND FRINGE, RESEARCH ASSOCIATE TOM BINDER
434	\$6,696.25	GREAT LAKES FISHERY COMMISSION	Jones, Michael	FISH & WILDLF AES SCEP FELLOWSHIP HOLBROOK
435	\$525,430.00	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Kamdern, Donatien-Pas	FORESTRY AES ADVANCED TECHNOLOGY APPLICATIONS TO EASTERN HARDWOOD UTILIZATION
436	\$20,000.00	USDA - FOREST SERVICE	Macfarlane, David	FORESTRY AES MODEL-ENHANCED ESTIMATES OF STANDING DEAD TREE ABUNDANCE FOR FIA PLOTS
437	\$6,900.00	DOW CORNING CORP	Matuana, Laurent	FORESTRY AES EXPERIMENTAL ADDITIVE FOR VINYL-BASED WOOD PLASTIC COMPOSITES

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438	\$108,512.00	JOINT FIRE SCIENCE PROGRAM	Rothstein, David	FORESTRY AES	EFFECTS OF STAND-REPLACING WILDFIRE ON ECOSYSTEM CARBON BALANCE IN LAKE STATES JACK PINE FORESTS
439	\$15,000.00	MICHIGAN APPLE COMMITTEE	Flore, James	HORTICULTURE MAES	ESTIMATING THE CARBON FOOTPRINT OF MICHIGAN APPLE AND CHERRY ORCHARDS
440	\$15,000.00	MICH CHERRY COMMITTEE	Flore, James	HORTICULTURE MAES	IMPROVING STEM-ON BRINER SWEET CHERRY PRODUCTION
441	\$6,500.00	MICH CHERRY COMMITTEE	Flore, James	HORTICULTURE MAES	ESTIMATING THE CARBON FOOTPRINT OF MICHIGAN APPLE AND CHERRY ORCHARDS
442	\$11,000.00	USDA - AGRI RESEARCH SERV US DEPT AGR	Hancock, James	HORTICULTURE MAES	GENERATING GENOMIC TOOLS FOR INDUSTRY
443	\$23,000.00	MICH CHERRY COMMITTEE	Iezzoni, Amy	HORTICULTURE MAES	BREEDING HIGH QUALITY DISEASE RESISTANT TART CHERRY VARIETIES.
444	\$11,666.00	WASHINGTON TREE FRUIT RESEARCH COMMISSN	Iezzoni, Amy	HORTICULTURE MAES	ESTABLISHMENT OF TEST PLOTS FOR MSU SWEET CHERRY ROOTSTOCKS.
445	\$8,684.00	MICH APPLE RESEARCH COMMITTEE I	Vannocker, Steven	HORTICULTURE MAES	NEW APPLE VARIETIES OPTIMIZED FOR MICHIGAN'S NUTRACEUTICAL INDUSTRY
446	\$7,000.00	MICH APPLE RESEARCH COMMITTEE I	Vannocker, Steven	HORTICULTURE MAES	REGULATING FLOWERING AND ENHANCING PRODUCTION FOR THE MICHIGAN APPLE INDUSTRY
447	\$322,011.00	US DEPT AGRICULTURE	Hausbeck, Mary	PLANT PATHOLOGY	PHYTOPHTHORA RESEARCH, MICHIGAN.
448	\$22,500.00	PICKLE PACKERS INTERNATL INC	Hausbeck, Mary	PLANT PATHOLOGY	MINIMIZING DISEASE IMPACTS OF WATER MOLDS ON PICKLING CUCUMBERS.
449	\$22,000.00	SYNGENTA CROP PROTECTION INC	Hausbeck, Mary	PLANT PATHOLOGY	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS, GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
450	\$17,300.00	SYNGENTA INC	Hausbeck, Mary	PLANT PATHOLOGY	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS, GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
451	\$9,600.00	SYNGENTA INC	Hausbeck, Mary	PLANT PATHOLOGY	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS, GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
452	\$9,600.00	GOWAN COMPANY	Hausbeck, Mary	PLANT PATHOLOGY	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS, GREENHOUSE ORNAMENTALS AND THEIR CONTROL.

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453	\$9,108.00	PICKLE PACKERS INTERNATL INC	Hausbeck, Mary	PLANT PATHOLOGY	UNDERSTANDING DISEASE AND SUSCEPTIBILITY IN THE PSEUDOPERONOSPORA CUBENSIS-CUCURBIT INTERACTION: GENETIC APPROACHES TO RESTORE RESISTANCE IN CUCUMBER.
454	\$21,850.00	MICHIGAN APPLE COMMITTEE	Sundin, George	PLANT PATHOLOGY	ANTIBIOTIC AND FUNGICIDE RESISTANCE IN APPLE PATHOGENS: DISTRIBUTION AND EVALUATION OF ALTERNATIVES.
455	\$14,000.00	MICH CHERRY COMMITTEE	Sundin, George	PLANT PATHOLOGY	EVALUATION OF NEW FUNGICIDES FOR CHERRY DISEASE MANAGEMENT AND SCREENING MICHIGAN CHERRY PATHOGENS TO DETERMINE CURRENT FUNGICIDE SENSITIVITIES.
456	\$252,664.00	NATL INST OF HEALTH - NIH/PHS	He, Sheng-Yang	PLANT RSCH LAB AES	STOMATE-BASED INNATE IMMUNITY AGAINST BACTERIAL INFECTION IN ARABIDOPSIS
457	\$76,710.00	NEW YORK UNIVERSITY SCHOOL OF MEDICINE	Harkema, Jack	PTH & DIAG INVEST	CHARACTERISTICS OF PM ASSOCIATED WITH HEALTH EFFECTS
458	\$10,000.00	MICH APPLE RESEARCH COMMITTEE I	Shane, William	SW MI RES EXT CTR	EVALUATION OF APPLE GERMPLASM FOR THE FRESH AND PROCESSING INDUSTRIES
<b>MICHIGAN STATE UNIVERSITY EXTENSION</b>					
459	\$180,000.00	GREAT LAKES FISHERY TRUST	Dann, Shari	CARRS MSUE	THE GRAND LEARNING NETWORK: PHASE II FOR CONTINUATION OF THE MID-MICHIGAN, GRAND RIVER WATERSHED REGIONAL HUB
460	\$109,186.91	MICH 4-H FOUNDATION	Booth, Cheryl	CYFC	4-H YOUTH DEVELOPMENT
461	\$100,000.00	ALTARUM INSTITUTE	Booth, Cheryl	CYFC	SNAP-ED 2ND WAVE EVALUATION
462	\$168,300.00	CHILD CARE RESOURCES	Contreras, Dawn	CYFC	CHILD CARE RESOURCES SOUTHWEST REGIONAL RESOURCE CENTER
463	\$110,000.00	PATHWAYS, MI	Contreras, Dawn	CYFC	PATHWAYS WESTERN REGIONAL RESOURCE CENTER
464	\$60,000.00	EARLY CHILDHOOD INVESTMENT CORPORATION	Contreras, Dawn	CYFC	ECIC-CPR TRAINING
465	\$55,000.00	EARLY CHILDHOOD INVESTMENT CORPORATION	Contreras, Dawn	CYFC	ECIC - WAYNE OAKLAND
466	\$55,000.00	CHILD CARE NETWORK	Contreras, Dawn	CYFC	CHILD CARE NETWORK SOUTHEAST REGIONAL RESOURCE CENTER

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<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
467	\$36,300.00	MIDLAND COUNTY EDUCATIONAL SERVICE AGENCY	Contreras, Dawn	CYFC	MIDLAND COUNTY ESA CENTRAL REGIONAL RESOURCE CENTER
468	\$15,000.00	4C OF THE UPPER PENINSULA	Contreras, Dawn	CYFC	4C OF THE UPPER PENINSULA UP REGIONAL RESOURCE CENTER
469	\$8,000.00	PATHWAYS, MI	Contreras, Dawn	CYFC	PATHWAYS TIER 2 WESTERN REGIONAL RESOURCE CENTER
470	\$10,000.00	MICH CHERRY COMMITTEE	Lizotte, Erin	EXT NORTH REGION	RAINFEST CHARACTERISTICS OF CHERRY LEAF SPOT FUNGICIDES.
471	\$400,000.00	WAYNE COUNTY	Ruemenapp, Marie	EXT SOUTHEAST REGN	WAYNE COUNTY JUVENILE MENTORING PROGRAM WAYNE-2009-JL-FX-0314
472	\$14,000.00	MICHIGAN APPLE COMMITTEE	Schwallier, Philip	EXT SOUTHWEST REGN	TALL SPINDLE EVALUATION 2010
473	\$7,200.00	MICHIGAN APPLE COMMITTEE	Schwallier, Philip	EXT SOUTHWEST REGN	HONEYCRISP PRODUCTION, QUALITY AND NUTRITION 2010
474	\$636,895.00	MICHIGAN UNIVERSITY OF	Pistis, Charles	FISH & WILDLF CES	MICHIGAN SEA GRANT EXTENSION
475	\$73,871.00	MICHIGAN UNIVERSITY OF	Pistis, Charles	FISH & WILDLF CES	EXTENSION AGENT, GLERL/GREAT LAKES SEA GRANT NETWORK
476	\$299,990.00	USDA - FOREST SERVICE	Keathley, Daniel	FORESTRY CES	MICHIGAN FIREWISE COMMUNITIES PROJECT
477	\$58,536.00	MICHIGAN APPLE COMMITTEE	Beaudry, Randolph	HORTICULTURE MSUE	HONEYCRISP TEAM RESEARCH AND OUTREACH
478	\$7,000.00	MICHIGAN APPLE COMMITTEE	Beaudry, Randolph	HORTICULTURE MSUE	APPLE CULTURE LITERATURE REVIEW
479	\$201,062.00	CORNELL UNIV	Brainard, Daniel	HORTICULTURE MSUE	SUMMER COVER CROPS FOR WEED SUPPRESSION AND SOIL QUALITY IN ORGANIC VEGETABLE PRODUCTION IN THE GREAT LAKES REGION
480	\$15,459.00	MICHIGAN APPLE COMMITTEE	Lang, Gregory	HORTICULTURE MSUE	MATCHING NEW ROOTSTOCK TRAITS (DWARFING, PRODUCTIVITY, DISEASE RESISTANCE) TO MICHIGAN NEEDS
481	\$10,398.00	CALIFORNIA UNIVERSITY OF	Lang, Gregory	HORTICULTURE MSUE	CHERRY GROWTH, YIELD AND FRUIT QUALITY: DEMAND-DRIVEN OPTIMIZATION OF NITROGEN AVAILABILITY RELATIVE TO STORAGE RESERVES AND FERTILIZATION PRACTICES

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<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
482	\$12,600.00	PURDUE UNIV	Ngouajio, Mathieu	HORTICULTURE MSUE	HORT CRSP: AFRICAN LEAFY VEGETABLES
483	\$24,390.00	USDA - AGRI RESEARCH SERV US DEPT AGR	Runkle, Erik	HORTICULTURE MSUE	A NORTH-SOUTH ALLIANCE FOR PRODUCTION RESEARCH
484	\$8,000.00	AMER FLORAL ENDOWMENT	Runkle, Erik	HORTICULTURE MSUE	2010 PAUL ECKE JR. SCHOLARSHIP.
485	\$5,659.00	CORNELL UNIV	Sabbatini, Paolo	HORTICULTURE MSUE	COORDINATED WINE GRAPE VARIETY EVALUATIONS IN THE EASTERN USA.
486	\$177,666.00	MI GOV COUNCIL PHY FIT HEALTH	Beyea, Wayne	LAND POLICY INST	MY POWER
487	\$42,000.00	MI ENVIRONMENTAL QUALITY	Gehring, Joelle	NAT FEATURES INVEN	IDENTIFYING MIGRANT WATERFOWL AND WATER BIRD STOPOVERS TO INFORM WIND ENERGY DEVELOPMENT SITING WITHIN SAGINAW BAY
488	\$40,000.00	MI ENVIRONMENTAL QUALITY	Gehring, Joelle	NAT FEATURES INVEN	BAT MIGRATION ALONG THE LAKE MICHIGAN COASTLINE: A PILOT STUDY TO INFORM WIND TURBINE SITING
489	\$250,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Klatt, Brian	NAT FEATURES INVEN	SOUTHERN MICHIGAN DNR LANDS INTEGRATED INVENTORY PROJECT
490	\$76,264.00	NATURESERVE	Kost, Michael	NAT FEATURES INVEN	SAMPLING DESIGN AND PROTOCOLS FOR ASSESSMENT OF WETLAND CONDITION
491	\$50,000.00	MI ENVIRONMENTAL QUALITY	Lee, Yu	NAT FEATURES INVEN	A CLIMATE CHANGE VULNERABILITY ASSESSMENT OF NATURAL FEATURES IN MICHIGAN'S COASTAL ZONE
492	\$17,651.00	US FISH & WILDLIFE SERVICE	Monfils, Michael	NAT FEATURES INVEN	EVALUATING RELATIONSHIPS BETWEEN MULTISCALE HABITAT VARIABLES AND SECRETIVE MARSH BIRD USE OF MICHIGAN COASTAL WETLANDS
493	\$40,338.00	MI ENVIRONMENTAL QUALITY	Slaughter, Bradford	NAT FEATURES INVEN	A SURVEY AND CHARACTERIZATION OF MICHIGAN'S COASTAL FEN COMMUNITIES - YEAR 2
<b>VICE PRES RESEARCH AND GRADUATE STUDIES</b>					
494	\$1,425,000.00	LAKESHORE ADVANTAGE	Hunt, Paul	ASC VP RESEARCH	RETENTION OF PFIZER ASSETS IN HOLLAND, MI - PART II
495	\$142,500.00	HOUSING & URBAN DEV US DEPT OF	Hunt, Paul	ASC VP RESEARCH	CONVERSION OF A FORMER PHARMACEUTICAL PLANT INTO A CENTER FOR BIOECONOMY INCUBATION AND BASIC RESEARCH

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<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
496	\$533,637.00	BD OF REGENTS OF THE UNIV WISCONSIN SYS	Walton, Jonathan	GLBRC-VPRGS	GREAT LAKES BIOENERGY RESEARCH CENTER
497	\$1,939,784.00	MSU FOUNDATION	GRAY, JAMES I	RES & GRAD STDS VP	MSU TECHNOLOGIES / OFFICE OF INTELLECTUAL PROPERTY (71-3885)
498	\$300,000.00	MSU FOUNDATION	GRAY, JAMES I	RES & GRAD STDS VP	HUMANITIES AND ARTS RESEARCH PROGRAM (71-3699)
499	\$300,000.00	MSU FOUNDATION	GRAY, JAMES I	RES & GRAD STDS VP	COMPETITIVE DISCRETIONARY FUNDING (71-4715)
500	\$250,000.00	MSU FOUNDATION	GRAY, JAMES I	RES & GRAD STDS VP	TARGETED SUPPORT GRANTS FOR TECHNOLOGY DEVELOPMENT (71-4704)
501	\$200,000.00	MSU FOUNDATION	GRAY, JAMES I	RES & GRAD STDS VP	SPECIAL EQUIPMENT (71-4711)
<b>VICE PRES FOR STUDENT AFFAIRS AND SERVICES</b>					
502	\$100,000.00	SUBSTANCE ABUSE & MENTAL HEALTH SERV ADM	Collins-Eaglin, Jan	COUNSELING CENTER	FACES
<b>UNIVERSITY ADVANCEMENT</b>					
503	\$26,701,318.50	VARIOUS DONORS	VARIOUS PROJ LEADERS	ASC VP UNIV DEVEL	VARIOUS DONORS TO UNIVERSITY DEVELOPMENT FOR APRIL 2010 THROUGH JUNE 2010
<b>V.P. FINANCE AND OPERATIONS AND TREASURER</b>					
504	\$4,252,345.23	VARIOUS DONORS	VARIOUS PROJ LEADERS	MSU FOUNDATION	QUARTERLY GIFT / GRANT TRANSFERS
505	\$5,999.00	MI OFFICE OF HIGHWAY SAFETY PLANNING	Trexler, David	MSU POLICE	TRAFFIC SAFETY OVERTIME GRANT
<b>V.P. FOR BUS. AND FINANCE PHYSICAL PLANT</b>					
506	\$24,900.00	MI TRANSPORTATION	Abdel-Azim, Amr	PHY PLNT ENGR PLAN	AMTRAK STATION - REDEVELOPMENT STUDY
<b>Various</b>					
507	\$279,794.64	VARIOUS	Various	Various	91 Consolidated grants with individual values less than \$5,000. Details on file in Contract & Grant Admin., Room 301 Admin. Bldg.

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\$132,116,870.36	TOTAL SEPTEMBER 2010 BOARD			

