

**MICHIGAN STATE  
UNIVERSITY**

January 14, 2013

**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 November 28, 2012 through January 8, 2013. The report is a compilation of 300 Gifts, Grants and Contracts plus 73 Consignment/Non-Cash Gifts, with a total value of \$65,562,517.

FY 2012-13 TOTALS:

- |   |               |
|---|---------------|
| a) Gifts, Grants and Contracts only:              | \$324,493,786 |
| b) Gifts, Grants and Contracts plus Consignments: | \$325,224,129 |
- (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.

Stephen Hsu  
Vice President

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

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

[www.vprgs.msu.edu](http://www.vprgs.msu.edu)  
[www.research.msu.edu](http://www.research.msu.edu)

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

## Current Period / Year to Date

### Gift & Grant Awards

Meeting Date: 1/25/2013

#### AWARD TOTALS

Research			
	11/28/12-01/08/13	12-13	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	\$29,894,532	\$131,527,027	74.7%
State of Michigan	\$3,094,569	\$7,812,413	4.4%
Other	\$1,143,127	\$8,229,179	4.7%
Industry/CO	\$955,963	\$5,375,545	3.1%
Foundation	\$8,142,588	\$21,070,370	12.0%
Association	\$429,867	\$2,106,493	1.2%
<b>TOTAL</b>	<b>\$43,660,646</b>	<b>\$176,121,028</b>	<b>100%</b>

Non-Research			
	11/28/12-01/08/13	12-13	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	\$15,803,263	\$35,515,231	23.9%
State of Michigan	\$3,461,751	\$6,546,956	4.4%
Other	\$191,255	\$44,370,069	29.9%
Industry/CO	\$682,727	\$2,886,737	1.9%
Foundation	\$1,637,726	\$51,620,685	34.8%
Association	\$19,170	\$7,433,080	5.0%
<b>TOTAL</b>	<b>\$21,795,892</b>	<b>\$148,372,758</b>	<b>100%</b>

Total			
	11/28/12-01/08/13	12-13	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	\$45,697,795	\$167,042,257	51.5%
State of Michigan	\$6,556,320	\$14,359,370	4.4%
Other	\$1,334,382	\$52,599,248	16.2%
Industry/CO	\$1,638,690	\$8,262,282	2.5%
Foundation	\$9,780,314	\$72,691,056	22.4%
Association	\$449,037	\$9,539,573	2.9%
<b>TOTAL</b>	<b>\$65,456,538</b>	<b>\$324,493,786</b>	<b>100%</b>

#### # OF AWARDS

Research			
	11/28/12-01/08/13	12-13	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	81	597	45.6%
State of Michigan	30	79	6.0%
Other	24	135	10.3%
Industry/CO	43	243	18.5%
Foundation	12	88	6.7%
Association	18	168	12.8%
<b>TOTAL</b>	<b>208</b>	<b>1310</b>	<b>100%</b>

Non-Research			
	11/28/12-01/08/13	12-13	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	21	159	27.7%
State of Michigan	16	42	7.3%
Other	12	81	14.1%
Industry/CO	32	228	39.8%
Foundation	6	43	7.5%
Association	5	20	3.5%
<b>TOTAL</b>	<b>92</b>	<b>573</b>	<b>100%</b>

Total			
	11/28/12-01/08/13	12-13	% of Total
<u>Gift/Grant Source</u>	<u>Acceptance Total</u>	<u>Acceptance Total</u>	<u>YTD</u>
Federal Government	102	756	40.1%
State of Michigan	46	121	6.4%
Other	36	216	11.5%
Industry/CO	75	471	25.0%
Foundation	18	131	7.0%
Association	23	188	10.0%
<b>TOTAL</b>	<b>300</b>	<b>1883</b>	<b>100%</b>

## Current Year / Previous Year

### Gift & Grant Awards

Meeting Date: 1/25/2013

#### AWARD TOTALS

Research			
<u>Gift/Grant Source</u>	<u>05/24/11-02/01/12</u>	<u>06/05/12-01/08/13</u>	<u>% Change</u>
Federal Government	\$192,861,919	\$131,527,027	-31.8%
State of Michigan	\$6,841,604	\$7,812,413	14.2%
Other	\$14,963,028	\$8,229,179	-45.0%
Industry/CO	\$6,276,980	\$5,375,545	-14.4%
Foundation	\$22,508,706	\$21,070,370	-6.4%
Association	\$1,752,973	\$2,106,493	20.2%
<b>TOTAL</b>	<b>\$245,205,211</b>	<b>\$176,121,028</b>	<b>-28%</b>

Non-Research			
<u>Gift/Grant Source</u>	<u>05/24/11-02/01/12</u>	<u>06/05/12-01/08/13</u>	<u>% Change</u>
Federal Government	\$32,642,300	\$35,515,231	8.8%
State of Michigan	\$8,017,719	\$6,546,956	-18.4%
Other	\$45,630,872	\$44,370,069	-2.8%
Industry/CO	\$1,983,822	\$2,886,737	45.5%
Foundation	\$6,806,021	\$51,620,685	658.5%
Association	\$6,863,693	\$7,433,080	8.3%
<b>TOTAL</b>	<b>\$101,944,427</b>	<b>\$148,372,758</b>	<b>46%</b>

Total			
<u>Gift/Grant Source</u>	<u>05/24/11-02/01/12</u>	<u>06/05/12-01/08/13</u>	<u>% Change</u>
Federal Government	\$225,504,219	\$167,042,257	-25.9%
State of Michigan	\$14,859,323	\$14,359,370	-3.4%
Other	\$60,593,900	\$52,599,248	-13.2%
Industry/CO	\$8,260,802	\$8,262,282	0.0%
Foundation	\$29,314,727	\$72,691,056	148.0%
Association	\$8,616,666	\$9,539,573	10.7%
<b>TOTAL</b>	<b>\$347,149,638</b>	<b>\$324,493,786</b>	<b>-7%</b>

#### # OF AWARDS

Research			
<u>Gift/Grant Source</u>	<u>05/24/11-02/01/12</u>	<u>06/05/12-01/08/13</u>	<u>% Change</u>
Federal Government	688	597	-13.2%
State of Michigan	100	79	-21.0%
Other	162	135	-16.7%
Industry/CO	396	243	-38.6%
Foundation	103	88	-14.6%
Association	139	168	20.9%
<b>TOTAL</b>	<b>1588</b>	<b>1310</b>	<b>-18%</b>

Non-Research			
<u>Gift/Grant Source</u>	<u>05/24/11-02/01/12</u>	<u>06/05/12-01/08/13</u>	<u>% Change</u>
Federal Government	182	159	-12.6%
State of Michigan	47	42	-10.6%
Other	90	81	-10.0%
Industry/CO	111	228	105.4%
Foundation	36	43	19.4%
Association	19	20	5.3%
<b>TOTAL</b>	<b>485</b>	<b>573</b>	<b>18%</b>

Total			
<u>Gift/Grant Source</u>	<u>05/24/11-02/01/12</u>	<u>06/05/12-01/08/13</u>	<u>% Change</u>
Federal Government	870	756	-13.1%
State of Michigan	147	121	-17.7%
Other	252	216	-14.3%
Industry/CO	507	471	-7.1%
Foundation	139	131	-5.8%
Association	158	188	19.0%
<b>TOTAL</b>	<b>2073</b>	<b>1883</b>	<b>-9%</b>

**Top 10 Awards for the January 25, 2013 BOT Meeting**

<b>Rank</b>	<b>Funding Type</b>	<b>Award Amount</b>	<b>First PI</b>	<b>Grantor</b>	<b>Dept</b>	<b>New or Revision</b>	<b>Function</b>	<b>Project Dates</b>	<b>Title</b>
1	Federal Government	\$10,750,000	Gelbke, C	NATL SCIENCE FOUNDATION	NAT'L SUPERCONDUCTING CYCLOTRON LAB	Revision	Research	11/15/2011 10/31/2016	OPERATION OF THE NSCL AS A NATIONAL USER FACILITY & RESEARCH PROGRAM
2	Federal Government	\$10,000,000	Glasmacher, Thomas	ENERGY US DEPT OF	NAT'L SUPERCONDUCTING CYCLOTRON LAB		Research	5/1/2009 9/30/2013	FACILITY FOR RARE ISOTOPE BEAMS (FRIB)
3	Federal Government	\$8,491,120	Contreras, Dawn	US DEPT AGRICULTURE	EXTENSION HEALTH AND NUTRITION	New	Public Service	11/27/2012 9/30/2014	SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM - EDUCATION
4	Foundation	\$7,815,486	Jayne, Thomas	GATES - BILL AND MELINDA FOUNDATION	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	Revision	Research	11/1/2012 4/30/2014	GUIDING INVESTMENTS IN SUSTAINABLE AGRICULTURAL INTENSIFICATION IN AFRICA (GISAIA)
5	Federal Government	\$3,820,011	Derksen, Frederik	AGENCY FOR INTERNATL DEVELOPMENT	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	Revision	Education	9/1/2012 9/30/2013	BORLAUG HIGHER EDUCATION AGRICULTURAL RESEARCH AND DEVELOPMENT PROGRAM (BHEARD)
6	State of Michigan	\$1,078,241	Magen, Jed	MI DEPT COMMUNITY HEALTH	PSYCHIATRY HUMAN MEDICINE	New	Public Service	10/1/2012 9/30/2013	PSYCHIATRY RESIDENCY INTEGRATION PROJECT 2013
7	Federal Government	\$898,000	Klomprens, Karen	NATL SCIENCE FOUNDATION	GRADUATE SCHOOL DEAN		Education	11/1/2007 10/31/2013	GRADUATE RESEARCH FELLOWSHIP PROGRAM
8	Foundation	\$837,812	Schmidt, William	GENERAL ELECTRIC FOUNDATION	CENTER FOR THE STUDY OF CURRICULUM	Revision	Education	10/1/2012 9/30/2013	ASSISTING TEACHERS IN ALIGNING INSTRUCTION TO THE COMMON CORE STATE STANDARDS IN MATHEMATICS
9	Foundation	\$750,000	Markle, Barbara	SKILLMAN FOUNDATION THE	EDUCATION DEAN	New	Education	1/1/2013 1/1/2014	DETROIT-BASED GOOD SCHOOLS RESOURCE CENTER (GSRC-D)
10	State of Michigan	\$580,204	Given, Charles	MI DEPT COMMUNITY HEALTH	HEALTH CARE STUDIES, INSTITUTE FOR CHM	New	Public Service	10/1/2012 9/30/2013	HIT RESOURCE CENTER
		<b>\$45,020,874</b>							

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

	<b>Amount</b>	<b>Donor</b>	<b>Director</b>	<b>Unit</b>	<b>Purpose</b>
<b>COLLEGE OF AGRICULTURE &amp; NATURAL RESOURCES</b>					
1	\$200,000	AGENCY FOR INTERNATL DEVELOPMENT	Haggblade, Steven	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	IMPROVING FOOD SECURITY RESEARCH AND ANALYSIS CAPACITY IN BURMA
2	\$7,815,486	GATES - BILL AND MELINDA FOUNDATION	Jayne, Thomas	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	GUIDING INVESTMENTS IN SUSTAINABLE AGRICULTURAL INTENSIFICATION IN AFRICA (GISAIA)
3	\$33,572	COOPERATIVE LEAGUE OF THE USA	Maredia, Mywish	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	TECHNICAL ASSISTANCE FOR IMPACT EVALUATION OF THE YAAJEENDE SENEGAL AGRICULTURAL DEVELOPMENT PROJECT FOR FOOD SECURITY
4	\$25,346	INTL FOOD POLICY RESEARCH INSTITUTE	Tschirley, David	AGRICULTURAL, FOOD & RESOURCE ECONOMICS	SUPPORT TO IFPRI-MAPUTO FROM RAFAEL UAIENE
5	\$243,559	HELEE, LLC	Liu, Yan	BIOSYSTEMS & AGRICULTURAL ENGINEERING	EVALUATING MICRO-BUBBLE FACILITATED ELECTROCOAGULATION-FLOTATION (ECF) TECHNOLOGIES FOR COST-EFFECTIVE TREATMENT OF WASTEWATER FROM ANAEROBIC DIGESTION
6	\$21,000	CORN MARKETING PROGRAM OF MICHIGAN	Sticklen, Masomeh	CROP AND SOIL SCIENCES	THE PROMISES OF STUDIES OF DOWN-REGULATION OF MAIZE LIGNIN FOR ANIMAL FEED AND BIOFUELS
7	\$6,000	DOW AGROSCIENCES	Difonzo, Christina	ENTOMOLOGY AGRICULTURE AND NATURAL RES	DOW AGRO FIELD CROPS ENTOMOLOGY
8	\$66,277	RUTGERS UNIVERSITY	Grieshop, Matthew	ENTOMOLOGY AGRICULTURE AND NATURAL RES	WHOLE FARM ORGANIC MANAGEMENT OF BROWN MARMORATED STINK BUG AND ENDEMIC PENTATOMIDS THROUGH HABITAT MANIPULATION
9	\$25,000	MICHIGAN DEPARTMENT OF AGRICULTURE	Gut, Larry	ENTOMOLOGY AGRICULTURE AND NATURAL RES	SURVEY FOR EXOTIC APPLE PESTS
10	\$25,000	MICHIGAN DEPARTMENT OF AGRICULTURE	Gut, Larry	ENTOMOLOGY AGRICULTURE AND NATURAL RES	SURVEY FOR EXOTIC STONE FRUIT PESTS
11	\$27,776	RUTGERS, THE STATE UNIVERSITY	Hollingworth, Robert	ENTOMOLOGY AGRICULTURE AND NATURAL RES	QUALITY ASSURANCE SERVICES AND SUPPORT FOR IR-4 MINOR USE PESTICIDES AT STATE FACILITIES IN NEW JERSEY AND SIMILAR LOCATIONS

**Gift, Grant and Contract Report  
Board Of Trustees  
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	<b>Amount</b>	<b>Donor</b>	<b>Director</b>	<b>Unit</b>	<b>Purpose</b>
12	\$77,876	WISCONSIN UNIV OF	Landis, Douglas	ENTOMOLOGY AGRICULTURE AND NATURAL RES	DEVELOPING SUSTAINABLE PERENNIAL BIOENERGY CROP MANAGEMENT FOR BIRDS AND POLLINATORS: UNDERSTANDING THE INTERACTING EFFECTS OF HARVEST, ON-FARM CONSERVATION REFUGES AND LANDSCAPE CONTEXT
13	\$286,500	MICHIGAN DEPARTMENT OF AGRICULTURE	McCullough, Deborah	ENTOMOLOGY AGRICULTURE AND NATURAL RES	NON-NATIVE FOREST PESTS: RISK ANALYSIS AND DETECTION SURVEYS IN MICHIGAN
14	\$256,491	US DEPT AGRICULTURE	Mota-Sanchez, David	ENTOMOLOGY AGRICULTURE AND NATURAL RES	LA SIEMBRA: ENHANCING PARTICIPATION OF SOCIALY DISADVANTAGED LATINO FARMERS TO USDA PROGRAMS AND ADOPTION OF BEST AGRICULTURAL PRACTICES
15	\$34,256	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Bence, James	FISHERIES & WILDLIFE	STATISTICAL CATCH-AT-AGE ASSESSMENT OF MICHIGAN BLACK BEAR DYNAMICS
16	\$116,400	HURON RIVER WATERSHED COUNCIL	Cheruvellil, Kendra	FISHERIES & WILDLIFE	REVISION, UPDATE, AND VALIDATION OF THE LAKE-SPECIFIC MODEL FOR ESTABLISHING EXPECTED NUTRIENT CONDITIONS IN MICHIGAN LAKES
17	\$126,009	GREAT LAKES FISHERY COMMISSION	Li, Weiming	FISHERIES & WILDLIFE	TECHNICAL ASSISTANCE TO SUPPORT EOG EXPERIMENTS FOR DEVELOPMENT OF ADDITIONAL SEA LAMPREY CONTROL AGENTS
18	\$30,000	NATL AERONAUTICS AND SPACE ADM	Liu, Jianguo	FISHERIES & WILDLIFE	NASA-MSU PROFESSIONAL ENHANCEMENT AWARD
19	\$293,282	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Porter, William	FISHERIES & WILDLIFE	FACILITATING URBAN-SUBURBAN DEER MANAGEMENT IN MICHIGAN: SOCIAL, SPATIAL, AND POPULATION CONSIDERATIONS
20	\$22,729	NATIONAL WILD TURKEY FEDERATION	Porter, William	FISHERIES & WILDLIFE	GENERAL RESEARCH
21	\$170,747	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Riley, Shawn	FISHERIES & WILDLIFE	AN EVALUATION OF MOVING TO A LEARNING ORGANIZATION IN THE WILDLIFE DIVISION: MEASURING COLLABORATION, TRUST, PERFORMANCE AND EFFECTIVENESS OF DECISIONS
22	\$112,446	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Roloff, Gary	FISHERIES & WILDLIFE	FACTORS INFLUENCING SNOWSHOE HARE OCCUPANCY AND ABUNDANCE
23	\$9,546	WISCONSIN DEPT. OF NATURAL RESOURCES	Roth, Brian	FISHERIES & WILDLIFE	REEXAMINATION OF WISCONSIN'S CEDED TERRITORY WALLEYE MANAGEMENT POLICIES PART 2

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

	<b>Amount</b>	<b>Donor</b>	<b>Director</b>	<b>Unit</b>	<b>Purpose</b>
24	\$50,000	FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS	Taylor, William	FISHERIES & WILDLIFE	PREPARATIONS FOR A GLOBAL CONFERENCE ON INLAND FISHERIES
25	\$392,823	ENVIRONMENTAL PROTECTION AGENCY	Wagner, Michael	FISHERIES & WILDLIFE	A SPECIES-SPECIFIC CHEMICAL BARRIER TO VASTLY IMPROVE SEA LAMPREY CONTROL
26	\$56,905	GREAT LAKES FISHERY COMMISSION	Wagner, Michael	FISHERIES & WILDLIFE	PERM SALARY, FRINGES AND OPERATING - MICHAEL WAGNER
27	\$12,000	GREAT LAKES FISHERY COMMISSION	Wagner, Michael	FISHERIES & WILDLIFE	A FIELD INVESTIGATION OF THE POTENTIAL TO CONTROL SEA LAMPREY THROUGH PHEROMONE-MEDIATED REDISTRIBUTION OF MIGRANTS IN THE GREAT LAKES
28	\$34,000	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Winterstein, Scott	FISHERIES & WILDLIFE	IMPACTS OF HARVEST AND HABITAT CONDITIONS ON BREEDING MALLARD ABUNDANCE IN THE GREAT LAKES REGION.
29	\$3,820,011	CIMMYT INC	Derksen, Frederik	FOOD SCIENCE & HUM NUTRITION ANR	BORLAUG HIGHER EDUCATION AGRICULTURAL RESEARCH AND DEVELOPMENT PROGRAM (BHEARD)
30	\$109,000	MEAD JOHNSON & CO	Derksen, Frederik	FOOD SCIENCE & HUM NUTRITION ANR	MEAD JOHNSON PROFESSOR OF FOOD TOXICOLOGY PRACTICE
31	\$10,000	MICH STATE MILLERS ASSOCIATION	Ng, Perry	FOOD SCIENCE & HUM NUTRITION ANR	MSU WHEAT QUALITY TESTING PROGRAM
32	\$24,900	MICH SOYBEAN PROMOTION COMMITTEE	Ustunol, Zeynep	FOOD SCIENCE & HUM NUTRITION ANR	DEVELOPMENT AND FUNCTIONAL PROPERTIES OF A HEXANE-FREE SOY PROTEIN ISOLATE AND CONCENTRATE
33	\$8,400	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.
34	\$30,092	AGENCY FOR INTERNATL DEVELOPMENT	Widders, Irvin	INTERNATIONAL AGRICULTURE INSTITUTE ANR	DRY GRAIN PULSES CRSP
35	\$299,674	ENVIRONMENTAL PROTECTION AGENCY	Wyckoff, Mark	LAND POLICY INSTITUTE - ANR	ENHANCING PARTNERSHIPS: SHIAWASSEE & FLINT RIVER WATERSHED
36	\$50,000	ABBOTT LABORATORIES	Hotchkiss, Joseph	PACKAGING	EXTENSION OF PROBIOTIC SHELF LIFE
37	\$41,694	SOUTHERN ILLINOIS UNIVERSITY	Chilvers, Martin	PLANT PATHOLOGY ANR	IDENTIFICATION AND BIOLOGY OF SEEDLING PATHOGENS OF SOYBEAN.
38	\$16,500	BASF CORPORATION	Kirk, William	PLANT PATHOLOGY ANR	MANAGEMENT OF SOIL, SEED & FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.

**Gift, Grant and Contract Report  
Board Of Trustees  
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	<b>Amount</b>	<b>Donor</b>	<b>Director</b>	<b>Unit</b>	<b>Purpose</b>
39	\$6,560	MICH POTATO INDUSTRY COMMISSION	Kirk, William	PLANT PATHOLOGY ANR	MANAGEMENT OF SOIL, SEED & FOLIAR DISEASES OF POTATO CROPS IN MICHIGAN.
40	\$9,000	SYNGENTA CROP PROTECTION INC	Vargas, Joseph	PLANT PATHOLOGY ANR	MANAGEMENT OF TURF GRASS DISEASES.
41	\$200,000	NATL ACADEMY OF SCIENCES	El-Gafy, Mohamed	SCHOOL OF PLANNING,DES,CONSTRUCTION-ANR	AIRPORT MAINTENANCE ROLES IN PLANNING, DESIGN, CONSTRUCTION, COMMISSIONING, AND ACTIVATION
42	\$24,872	NATIONAL HOUSING ENDOWMENT	Korkmaz, Sinem	SCHOOL OF PLANNING,DES,CONSTRUCTION-ANR	IMPROVING RESIDENTIAL FOCUS OF THE CONSTRUCTION MANAGEMENT PROGRAM AT MICHIGAN STATE UNIVERSITY.
43	\$21,375	CONSUMERS ENERGY	Witter, Scott	SCHOOL OF PLANNING,DES,CONSTRUCTION-ANR	ANAEROBIC DIGESTION, METHANE RECOVERY,AND POWER GENERATION: STAKEHOLDER EXPECTATIONS VERSUS REALITY AND HOW CAN THE GAP BETWEEN THE TWO EXTREMES BE NARROWED?
<b>COLLEGE OF ARTS AND LETTERS</b>					
44	\$20,000	MICHIGAN COUNCIL OF ARTS & CULTURAL AFFAIRS	Roraback, Eileen	ARTS & LETTERS DEAN	ARTS AND THE INNOVATIVE WORKPLACE
<b>ELI BROAD COLLEGE OF BUSINESS</b>					
45	\$33,765	KELLY SERVICES	Closs, David	DEPARTMENT OF SUPPLY CHAIN MANAGEMENT	APPLYING SUPPLY CHAIN PRINCIPLES TO KELLY SERVICES TALENT PIPELINE
<b>COLLEGE OF COMMUNICATION ARTS AND SCIENCES</b>					
46	\$22,210	MI DEPT COMMUNITY HEALTH	Pavangadkar, Amol	TELECOM, INFORMATION STUDIES & MEDIA	MERCURY OUTREACH PROJECT
<b>COLLEGE OF EDUCATION</b>					
47	\$156,012	MI DEPT COMMUNITY HEALTH	Carlson, John	COUNSELING, EDUC PSYCH & SPEC EDUC	WRAPAROUND EVALUATION PROJECT 2012 - 2013
48	\$30,000	ORGANIZATION FOR AUTISM RESEARCH	Plavnick, Joshua	COUNSELING, EDUC PSYCH & SPEC EDUC	ENHANCING TRADITIONAL GROUP SOCIAL SKILL INSTRUCTION USING VIDEO-BASED GROUP INSTRUCTION TACTICS
49	\$67,500	VARIOUS SCHOOLS	Prawat, Richard	COUNSELING, EDUC PSYCH & SPEC EDUC	CONFUCIUS INSTITUTE CHINESE TEACHER CONTRACTS
50	\$33,136	OREGON SOCIAL LEARNING CENTER	Roseth, Cary	COUNSELING, EDUC PSYCH & SPEC EDUC	META-ANALYSIS OF FAMILY-BASED PREVENTION PROGRAMS FOR ADOLESCENT SUBSTANCE ABUSE

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	<b>Amount</b>	<b>Donor</b>	<b>Director</b>	<b>Unit</b>	<b>Purpose</b>
51	\$837,812	GENERAL ELECTRIC FOUNDATION	Schmidt, William	COUNSELING, EDUC PSYCH & SPEC EDUC	ASSISTING TEACHERS IN ALIGNING INSTRUCTION TO THE COMMON CORE STATE STANDARDS IN MATHEMATICS
52	\$750,000	SKILLMAN FOUNDATION THE	Markle, Barbara	EDUCATION DEAN	DETROIT-BASED GOOD SCHOOLS RESOURCE CENTER (GSRC-D)
53	\$299,766	NATL SCIENCE FOUNDATION	Schneider, Barbara	EDUCATION DEAN	EAGER: IMPROVING UNDERSTANDINGS OF STUDENT ENGAGEMENT IN STEM TO ENHANCE TEACHER EDUCATION AND CLASSROOM INSTRUCTION: AN INTERNATIONAL COLLABORATION
54	\$39,332	U.S. ANTI-DOPING AGENCY	Gould, Daniel	KINESIOLOGY - ED	TRUE SPORT: NATIONAL SURVEY DATA ANALYSIS
55	\$149,319	OREGON STATE UNIVERSITY	Pfeiffer, Karin	KINESIOLOGY - ED	LONGITUDINAL VALIDITY OF ACCELEROMETRY IN YOUTH
56	\$85,922	PEARSON EDUCATION	Alonzo, Alicia	TEACHER EDUCATION	TEACHERS' INTERPRETATIONS AND PROJECTED USE OF STUDENT SCORE REPORTS BASED UPON ORDERED MULTIPLE-CHOICE ITEMS
<b>COLLEGE OF ENGINEERING</b>					
57	\$45,805	VINCI TECHNOLOGY CORPORATION	Lee, Andre	CHEMICAL ENGINEERING & MATERIALS SCIENCE	NOVEL LOW TEMPERATURE, IN-SITU PROCESSING ROUTE FOR HIGH PERFORMANCE, LIGHT WEIGHT STRUCTURAL MATERIALS
58	\$50,000	ENERGY US DEPT OF	Miller, Dennis	CHEMICAL ENGINEERING & MATERIALS SCIENCE	NOVEL BIOFUEL FORMULATIONS FOR ENHANCED VEHICLE PERFORMANCE
59	\$249,253	NORTHERN TECHNOLOGIES INTERNATIONAL CORPORATION	Narayan, Ramani	CHEMICAL ENGINEERING & MATERIALS SCIENCE	DESIGN & ENGINEERING OF NON-PLASTIC WASTE BAGS BASED ON BIOFIBER - ORGANIC & INORGANIC MODIFIER HYBRIDS
60	\$81,899	ZEELAND FARM SERVICES INC	Narayan, Ramani	CHEMICAL ENGINEERING & MATERIALS SCIENCE	VALUE-ADDED BIO-BASED INDUSTRIAL PRODUCTS AND CHEMICALS - CONTINUATION
61	\$25,000	ARMY US DEPT OF	Sakamoto, Jeff	CHEMICAL ENGINEERING & MATERIALS SCIENCE	EVALUATING THE SINTERING BEHAVIOR OF CERAMIC OXIDE ELECTROLYTES FOR LITHIUM BATTERIES
62	\$480,000	GENERAL MOTORS CORPORATION	Sakamoto, Jeff	CHEMICAL ENGINEERING & MATERIALS SCIENCE	HIGH TEMPERATURE MATERIALS PROCESSING OF CERAMICS-BASED MATERIALS

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63	\$70,000	ARMY US DEPT OF	Cupples, Alison	CIVIL & ENVIRONMENTAL ENGINEERING	DEVELOPMENT OF BIOMARKERS FOR ASSESSING IN SITU RDX BIODEGRADATION POTENTIAL A WHITE PAPER BASED ON LIMITED SCOPE PROJECT
64	\$220,000	TXSWANA	Khire, Milind	CIVIL & ENVIRONMENTAL ENGINEERING	GEOCLIMATIC DESIGN OF ALTERNATIVE FINAL COVERS FOR MUNICIPAL SOLID WASTE LANDFILLS IN TEXAS
65	\$300,000	MI ENVIRONMENTAL QUALITY	Kutay, Muhammed	CIVIL & ENVIRONMENTAL ENGINEERING	CRUMB RUBBER MODIFIED ASPHALT SIDEWALKS
66	\$51,198	TECHNOVA CORPORATION	Soroushian, Parviz	CIVIL & ENVIRONMENTAL ENGINEERING	POLYMER NANOCOMPOSITE
67	\$23,663	TECHNOVA CORPORATION	Soroushian, Parviz	CIVIL & ENVIRONMENTAL ENGINEERING	CHARACTERIZATION OF POLYMER NANOCOMPOSITE MATERIALS
68	\$352,682	DUKE UNIVERSITY	Tarabara, Volodymyr	CIVIL & ENVIRONMENTAL ENGINEERING	PIRE: WATER AND COMMERCE: TECHNOLOGIES TO ENABLE ENVIRONMENTAL SUSTAINABILITY IN GLOBAL MARKETS
69	\$61,835	NAVAL RESEARCH US OFFICE OF USDN	Chai, Joyce	COMPUTER SCIENCE AND ENGINEERING	TOWARDS A COLLABORATIVE MODEL OF INTERPRETING AND GROUNDING IMPRECISE NATURAL LANGUAGE DESCRIPTIONS IN SITUATED DIALOGUE
70	\$12,229	FUJITSU LIMITED	Jain, Anil	COMPUTER SCIENCE AND ENGINEERING	GIFT TO SUPPORT BIOMETRICS RESEARCH
71	\$95,000	NAVAL RESEARCH US OFFICE OF USDN	Jain, Anil	COMPUTER SCIENCE AND ENGINEERING	LEARNING WITH UIIC DATA: FUSION AND COMPLETION OF PARTIAL KERNEL MATRICES
72	\$20,000	NAVAL RESEARCH US OFFICE OF USDN	Jain, Anil	COMPUTER SCIENCE AND ENGINEERING	KERNEL LEARNING FOR FUSING UNCERTAIN INFORMATION FROM MULTIPLE HETEROGENEOUS SOURCES
73	\$10,000	MICROSOFT CORPORATION	Liu, Xiang-Yang	COMPUTER SCIENCE AND ENGINEERING	UNRESTRICTED GIFT IN SUPPORT OF PROJECT HAWAII RESEARCH AND EQUIPMENT GRANT
74	\$20,373	FRAUNHOFER USA	Asmussen, Jes	ELECTRICAL AND COMPUTER ENGINEERING	FRAUNHOFER RESEARCH CENTER FOR COATING AND LASER APPLICATIONS
75	\$46,922	II-VI FOUNDATION	Grotjohn, Timothy	ELECTRICAL AND COMPUTER ENGINEERING	SYNTHESIS OF DIAMOND FILM MATERIAL FOR ELECTRONIC APPLICATIONS
76	\$110,000	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Kempel, Leo	ELECTRICAL AND COMPUTER ENGINEERING	R F POLYMERS III

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77	\$35,000	RETIA MEDICAL	Mukkamala, Ramakrishna	ELECTRICAL AND COMPUTER ENGINEERING	RESEARCH GIFT
78	\$10,000	ALFRED P. SLOAN FOUNDATION	Pierre, Percy	ELECTRICAL AND COMPUTER ENGINEERING	PROPOSAL TO CONTINUE THE SLOAN ENGINEERING PROGRAM
79	\$60,000	UNIVERSAL TECHNOLOGY CORPORATION	Rothwell, Edward	ELECTRICAL AND COMPUTER ENGINEERING	FREE-SPACE CHARACTERIZATION AND ADVANCED APERTURES: SUSPENSE
<b>COLLEGE OF HUMAN MEDICINE</b>					
80	\$106,367	SAINT MARY'S HEALTH CARE	Dwyer, Jeffrey	CHM WEST MICHIGAN	MSU - ST. MARY'S TRANSLATIONAL HEALTH IN GRAND RAPIDS
81	\$500,000	VAN ANDEL RESEARCH INSTITUTE	Holmes, Denise	CHM WEST MICHIGAN	MSU - VAN ANDEL TRANSLATIONAL HEALTH RESEARCH IN GRAND RAPIDS
82	\$77,694	MICHIGAN UNIVERSITY OF	Kelly-Blake, Karen	CTR FOR ETH & HUMANIT IN THE LIFE SCI	DECISION AID TO TECHNOLOGICALLY ENHANCE SHARED DECISION MAKING (DATES)
83	\$49,149	WASHINGTON UNIVERSITY IN ST LOUIS	Breslau, Naomi	EPIDEMIOLOGY AND BIOSTATISTICS	THE COLLABORATIVE GENETIC STUDY OF NICOTINE DEPENDENCE - PROJECT NO 1
84	\$500,000	NATL INST OF HEALTH - NIH/PHS	Holzman, Claudia	EPIDEMIOLOGY AND BIOSTATISTICS	BUILDING INTERDISCIPLINARY RESEARCH CAREERS IN WOMEN'S HEALTH AT MICHIGAN STATE
85	\$9,099	MI DEPT COMMUNITY HEALTH	Reeves, Mathew	EPIDEMIOLOGY AND BIOSTATISTICS	MICHIGAN STROKE REGISTRY CONSULTATION PROJECT
86	\$66,316	MI DEPT COMMUNITY HEALTH	Wirth, Julia	EPIDEMIOLOGY AND BIOSTATISTICS	CLIMATE CHANGE MSU SUPPORT
87	\$580,204	MI DEPT COMMUNITY HEALTH	Given, Charles	FAMILY MEDICINE, DEPARTMENT OF	HIT RESOURCE CENTER
88	\$145,401	MI DEPT COMMUNITY HEALTH	Given, Charles	FAMILY MEDICINE, DEPARTMENT OF	TRANSLATING EVIDENCE INTO DEMONSTRATIONS
89	\$85,003	MI DEPT COMMUNITY HEALTH	Luz, Clare	FAMILY MEDICINE, DEPARTMENT OF	BUILDING TRAINING, BUILDING QUALITY (BTBQ)
90	\$96,603	MI DEPT COMMUNITY HEALTH	Meghea, Cristian	HEALTH CARE STUDIES, INSTITUTE FOR CHM	MATERNAL INFANT HEALTH PROGRAM EXPERIMENTAL STUDY
91	\$80,000	MI DEPT COMMUNITY HEALTH	Oberst, Kathleen	HEALTH CARE STUDIES, INSTITUTE FOR CHM	SUPPORT FOR IMPLEMENTATION OF HHL PSS

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92	\$24,015	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
93	\$24,700	NATL SURGICAL ADJ BRST & BWL PROJ FDN	Conley, Barbara	MEDICINE	NSABP TFED36
94	\$30,000	MI DEPT COMMUNITY HEALTH	Rosenman, Kenneth	MEDICINE	ENVIRONMENTAL SURVEILLANCE SYSTEM
95	\$11,125	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
96	\$214,180	MI DEPT COMMUNITY HEALTH	Gera, Renuka	PEDIATRICS AND HUMAN DEVELOPMENT	CHILDREN'S MULTIDISCIPLINARY SPECIALTY CLINICS
97	\$114,655	MI DEPT COMMUNITY HEALTH	Karna, Padmani	PEDIATRICS AND HUMAN DEVELOPMENT	VERMONT OXFORD NETWORK MI QUALITY INITIATIVE FY2013
98	\$36,500	MI DEPT COMMUNITY HEALTH	Netzloff, Michael	PEDIATRICS AND HUMAN DEVELOPMENT	GENETIC SERVICES FY2013
99	\$150,799	MI DEPT COMMUNITY HEALTH	Turner, Jane	PEDIATRICS AND HUMAN DEVELOPMENT	CONSULTANT TO CSHCS
100	\$71,500	AMER HEART ASSOCIATION	Xu, Hui	PHARMACOLOGY & TOXICOLOGY HUMAN MEDICINE	BK CHANNEL FUNCTION IN SEPTIC SHOCK
<b>COLLEGE OF NATURAL SCIENCE</b>					
101	\$192,169	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Benning, Christoph	BIOCHEMISTRY & MOLECULAR BIOLOGY CNS	REGULATION OF OIL BIOSYNTHESIS IN ALGAE
102	\$238,127	NATL INST OF HEALTH - NIH/PHS	Huang, Xuefei	CHEMISTRY	VIRUS-LIKE PARTICLE BASED ANTIGEN DISPLAY AS MULTI-COMPONENT ANTICANCER VACCINES
103	\$286,756	NATL INST OF HEALTH - NIH/PHS	Maleczka, Robert	CHEMISTRY	METAL-CATALYZED C-H BORYLATION: MECHANISM, SCOPE, AND APPLICATIONS
104	\$25,000	NAVAL RESEARCH US OFFICE OF USDN	Swain, Greg	CHEMISTRY	PREDICTION OF GALVANIC CORROSION OF DEFENSE MATERIALS
105	\$340,341	NATL INST OF HEALTH - NIH/PHS	Wang, Hongbing	NEUROSCIENCE PROGRAM	CONNECTING MGLUR AND CAMP SIGNALING IN THE PRE-CLINICAL MODEL OF FRAGILE X

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106	\$242,067	COLUMBIA UNIVERSITY	Brock, Raymond	PHYSICS-ASTRONOMY	M&O AND R&D FOR ATLAS T/DAQ AND TILECAL
107	\$124,188	REGENTS OF THE UNIVERSITY OF MICHIGAN	Brock, Raymond	PHYSICS-ASTRONOMY	ATLAS GREAT LAKES TIER 2 COMPUTING SYSTEM (AGL)
108	\$91,839	SPACE TELESCOPE SCIENCE INSTITUTE	Strader, Jay	PHYSICS-ASTRONOMY	THE FIRST UNAMBIGUOUS DETECTION OF A DISTINCT METAL-POOR STELLAR HALO IN A MASSIVE EARLY-TYPE GALAXY
109	\$27,563	NATL AERONAUTICS AND SPACE ADM	Zepf, Stephen	PHYSICS-ASTRONOMY	EXTRAGALACTIC BLACK-HOLE X-RAY SOURCES IN GLOBULAR CLUSTERS AND THE FIELD
110	\$335,038	NATL INST OF HEALTH - NIH/PHS	Busik, Julia	PHYSIOLOGY NATURAL SCIENCE	DYSLIPIDEMIA AND DIABETIC RETINOPATHY
111	\$10,000	PENNSYLVANIA CYSTIC FIBROSIS INC	Luckie, Douglas	PHYSIOLOGY NATURAL SCIENCE	RESEARCH ON CYSTIC FIBROSIS, INC.
112	\$132,949	FLORIDA UNIV OF	Mohr, Susanne	PHYSIOLOGY NATURAL SCIENCE	BONE MARROW NEUROPATHY DRIVES DIABETIC RETINOPATHY
113	\$165,831	NATL SCIENCE FOUNDATION	Farre, Eva	PLANT BIOLOGY CNS	CAREER: DETERMINING THE MOLECULAR MECHANISMS OF THE ARABIDOPSIS CIRCADIAN CLOCK: THE ROLE OF THE PSEUDO-RESPONSE REGULATORS
114	\$436,277	NATL SCIENCE FOUNDATION	Schemske, Douglas	PLANT BIOLOGY CNS	COLLABORATIVE RESEARCH (ARABIDOPSIS 2010): ECOLOGICAL GENOMICS OF ADAPTATION TO THE ENVIRONMENT
115	\$33,608	UNIV OF WISCONSIN - MADISON	Shiu, Shinhan	PLANT BIOLOGY CNS	FUNCTIONAL ANALYSIS OF THE UBIQUITIN-PROTEIN LIGASE (E3) FAMILIES IN ARABIDOPSIS
116	\$61,600	NATL SCIENCE FOUNDATION	Kramer, David	PLANT RESEARCH LABORATORY NAT SCIENCE	SUPPLEMENT: PHOTOSYNTHETIC IDEAS LAB WORKSHOP
117	\$111,600	GREAT LAKES ENVIRONMENTAL CENTER	Stevenson, Robert	ZOOLOGY NATURAL SCIENCE	PROPOSAL TO RECOUNT NLA 2012 PHYTOPLANKTON SAMPLES
<b>COLLEGE OF NURSING</b>					
118	\$89,172	BOSTON UNIVERSITY	Brittain, Kelly	NURSING	CENTER FOR INNOVATION IN POINT OF CARE TECHNOLOGIES FOR THE FUTURE OF CANCER CARE
119	\$118,956	MICHIGAN UNIVERSITY OF	Wyatt, Gwen	NURSING	ACUPRESSURE FOR PERSISTENT CANCER RELATED FATIGUE

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<b>COLLEGE OF OSTEOPATHIC MEDICINE</b>					
120	\$6,091	ALLERGAN	Goudreau, John	NEUROLOGY & OPTHALMOLOGY COM	CD-PROBE: CERVICAL DYSTONIA PATIENT REGISTRY FOR OBSERVATION OF BOTOX EFFICACY
121	\$6,392	MASSACHUSETTS GENERAL HOSPITAL	Goudreau, John	NEUROLOGY & OPTHALMOLOGY COM	SAFETY OF URATE ELEVATION IN PARKINSON DISEASE (SURE-PD)
122	\$19,780	NATL INST OF HEALTH - NIH/PHS	Watts, Stephanie	PHARMACOLOGY & TOXICOLOGY OSTEO MEDICINE	MECHANISM OF 5 -HYDROXYTRYPTAMINE-INDUCED HYPOTENSION
123	\$78,022	JOHNS HOPKINS UNIVERSITY	Boivin, Michael	PSYCHIATRY OSTEOPATHIC MEDICINE	INTERNATIONAL MATERNAL PEDIATRIC ADOLESCENT AIDS CLINICAL TRIALS (IMPAACT) GROUP
124	\$64,445	JOHNS HOPKINS UNIVERSITY	Boivin, Michael	PSYCHIATRY OSTEOPATHIC MEDICINE	DEVELOPMENTAL & GROWTH OUTCOMES FOR ARV EXPOSED HIV UNINFECTED AFRICAN CHILDREN
125	\$1,078,241	MI DEPT COMMUNITY HEALTH	Magen, Jed	PSYCHIATRY OSTEOPATHIC MEDICINE	PSYCHIATRY RESIDENCY INTEGRATION PROJECT 2013
126	\$161,408	MI DEPT OF HUMAN SERVICES	Scheid, Jeanette	PSYCHIATRY OSTEOPATHIC MEDICINE	MEDICAL CONSULTANT
127	\$123,614	NATL INST ON AGING -NIH/PHS	Shapiro, Erik	RADIOLOGY OSTEOPATHIC MEDICINE	MRI-BASED IMMUNE CELL TRACKING IN ALZHEIMER'S DISEASE
<b>COLLEGE OF SOCIAL SCIENCE</b>					
128	\$65,039	MICHIGAN UNIVERSITY OF	Bynum, Timothy	CRIMINAL JUSTICE	NACJD
129	\$83,662	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Gore, Meredith	CRIMINAL JUSTICE	IMPROVING THE EFFECTIVENESS OF WOLF MANAGEMENT APPROACHES IN MICHIGAN
130	\$431,659	JUSTICE US DEPT OF	McGarrell, Edmund	CRIMINAL JUSTICE	2013 PROJECT SAFE NEIGHBORHOODS TRAINING AND TECHNICAL ASSISTANCE PROGRAM
131	\$200,000	JUSTICE US DEPT OF	McGarrell, Edmund	CRIMINAL JUSTICE	DRUG MARKET INTERVENTION PROGRAM - TRAINING, TECHNICAL ASSISTANCE, PUBLIC AWARENESS AND OUTREACH
132	\$25,000	JUSTICE US DEPT OF	Morash, Merry	CRIMINAL JUSTICE	EFFECTS OF COUNTY AND STATE ECONOMIC, SOCIAL, AND POLITICAL CONTEXTS ON RACIAL/ETHNIC AND GENDER DIFFERENCES IN YOUTH'S PENETRATION INTO THE JUSTICE SYSTEM

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133	\$65,797	MICHIGAN DEPARTMENT OF AGRICULTURE	Spink, John	CRIMINAL JUSTICE	DEVELOPMENT AND IMPLEMENTATION OF FOOD DEFENSE TABLE-TOP WORKSHOP EXPOSING AND MITIGATING THE VULNERABILITY OF ECONOMICALLY MOTIVATED ADULTERATION AND FOOD FRAUD INCIDENTS
134	\$399,445	JUSTICE US DEPT OF	Wilson, Jeremy	CRIMINAL JUSTICE	RESEARCH INSTITUTE ON POLICE CONSOLIDATION AND SHARED SERVICES
135	\$19,000	PRINCETON UNIV	Luo, Lifeng	GEOGRAPHY	ENHANCING OPERATIONAL DROUGHT MONITORING AND PREDICTION PRODUCTS THROUGH SYNTHESIS OF N-LDAS AND CPPA RESEARCH RESULTS
136	\$82,824	MI DEPT COMMUNITY HEALTH	Shortridge, Ashton	GEOGRAPHY	CON/HEALTH POLICY MAPPING PROJECT
137	\$29,223	MI DEPT COMMUNITY HEALTH	Onaga, Esther	HUMAN DEVELOPMENT & FAMILY STUDIES - CSS	CREATING A QUALITY IMPROVEMENT TOOL FOR CLUBHOUSES
138	\$20,700	ANHEUSER-BUSCH FOUNDATION	Hembroff, Larry	INST FOR PUBLIC POLICY & SOCIAL RESEARCH	TARGETING THE IMMEDIATE SOCIAL REALITY: IMPLEMENTING AND EVALUATING A MULTI-TIER SOCIAL NORMS CAMPAIGN.
139	\$60,000	NATL AERONAUTICS AND SPACE ADM	Kozlowski, Steve	PSYCHOLOGY SOCIAL SCIENCE	MONITORING AND REGULATING TEAMWORK
140	\$133,500	NAVAL RESEARCH US OFFICE OF USDN	Kozlowski, Steve	PSYCHOLOGY SOCIAL SCIENCE	TEAM KNOWLEDGE: ORIGINS, EMERGENCE, & MEASUREMENT
141	\$18,003	WASHINGTON UNIVERSITY OF	Kozlowski, Steve	PSYCHOLOGY SOCIAL SCIENCE	INSTITUTE FOR SIMULATION AND INTERPROFESSIONAL STUDIES (ISIS).
142	\$24,998	WILLIAM T GRANT FOUNDATION	Neal, Jennifer	PSYCHOLOGY SOCIAL SCIENCE	EXAMINING SCHOOL ADMINISTRATORS' ACQUISITION OF RESEARCH EVIDENCE ABOUT INSTRURCTIONAL, HEALTH, AND SOCIAL SKILLS PROGRAMS
143	\$200,000	NATL SCIENCE FOUNDATION	Smale, Laura	PSYCHOLOGY SOCIAL SCIENCE	CHRONOTYPE DIFFERENCES IN THE ACUTE BEHAVIORAL RESPONSES TO LIGHT AND DARKNESS AND THEIR NEURAL SUBSTRATES.
144	\$10,000	AMERICAN WATER	Beecher, Janice	PUBLIC UTILITIES INSTITUTE	PROGRAM SUPPORT FOR IPU FROM AMERICAN WATER
145	\$50,000	MI DEPT OF HUMAN SERVICES	Anderson, Gary	SOCIAL WORK	KINSHIP CARE RESOURCE CENTER
146	\$183,719	STATE UNIVERSITY OF NEW YORK	Anderson, Gary	SOCIAL WORK	CHILD WELFARE TRAINING: NATIONAL CHILD WELFARE WORKFORCE INITIATIVES
<b>COLLEGE OF VETERINARY MEDICINE</b>					
147	\$8,531	THE COCA-COLA COMPANY	Funk, Julie	LARGE ANIMAL CLINICAL SCIENCES	FOOD SAFETY KOMMUNITY WEBINAR SERIES

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148	\$29,095	US DEPT AGRICULTURE	Yuzbasiyan-Gurkan, Vilma	MICROBIOLOGY & MOLECULAR GENETICS CVM	ACQUISITION OF GOODS AND SERVICES
149	\$76,750	NATL INST OF HEALTH - NIH/PHS	Hegg, Colleen	PHARMACOLOGY & TOXICOLOGY VET MEDICINE	NEUROGENESIS AND CHRONIC CANNABINOID EXPOSURE
150	\$103,557	MORRIS ANIMAL FOUNDATION	Guiot, Laurent	SMALL ANIMAL CLINICAL SCIENCES	EVALUATION OF TWO TECHNIQUES OF ANTEBRACHIAL FRACTURE REPAIR IN MEDIUM AND LARGE BREED DOGS
151	\$26,800	HILLS PET NUTRITION INC.	Kruger, John	SMALL ANIMAL CLINICAL SCIENCES	EFFECT OF DIETARY INTERVENTION ON FELINE LOWER URINARY TRACT DISORDERS
152	\$99,018	MORRIS ANIMAL FOUNDATION	Yuzbasiyan-Gurkan, Vilma	SMALL ANIMAL CLINICAL SCIENCES	CHARACTERIZATION OF IMMUNOMODULATORY PROPERTIES OF FELINE MESENCHYMAL STEM CELLS AND THEIR USE FOR TREATMENT OF CHRONIC FELINE IDIOPATHIC CYSTITIS
<b>VICE PROVOST LIBRARIES COMPUTING &amp; TECHNOLGY</b>					
153	\$160,235	PUBLIC BROADCASTING SERVICE	Reid, Gary	BROADCASTING SERVICES	WARNING, ALERT AND RESPONSE NETWORK (WARN) EQUIPMENT FOR WKAR-TV
<b>NAT'L SUPERCONDUCTING CYCLOTRON LABORATORY</b>					
154	\$10,750,000	NATL SCIENCE FOUNDATION	Gelbke, C	NAT'L SUPERCONDUCTING CYCLOTRON LAB	OPERATION OF THE NSCL AS A NATIONAL USER FACILITY & RESEARCH PROGRAM
155	\$10,000,000	ENERGY US DEPT OF	Glasmacher, Thomas	NAT'L SUPERCONDUCTING CYCLOTRON LAB	FACILITY FOR RARE ISOTOPE BEAMS (FRIB)
156	\$102,315	NOTRE DAME UNIVERSITY OF	Leitner, Daniela	NAT'L SUPERCONDUCTING CYCLOTRON LAB	DIANA, A NOVEL NUCLEAR ACCELERATOR LABORATORY UNDERGROUND
<b>ASC PROV FOR UNIV OUTREACH &amp; ENGAGEMENT</b>					
157	\$24,459	SOLOMON, RICHARD MD	Van Egeren, Laurie	COMMUNITY EVALUATION & RSCH COLLABRTVE	RANDOMIZED CONTROLLED TRIAL OF THE PLAY PROJECT INTERVENTION FOR AUTISM
158	\$127,500	MI DEPT COMMUNITY HEALTH	McNall, Miles	OUTREACH & ENGAGEMENT PARTNERSHIPS	PROJECT LAUNCH EVALUATION
159	\$332,141	MICH DEPT OF LICENSING & REGULATORY AFFAIRS	Swierenga, Sarah	USABILITY/ ACCESSIBILITY RSCH CONSULTING	HEALTH CARE WORKERS BACKGROUND CHECK

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<b>INTERNATIONAL STUDIES AND PROGRAMS</b>					
160	\$143,724	EDUCATION U.S. DEPT OF	Bresnahan, Roger	INTERNATIONAL STUDIES & PROGRAMS DEAN	FY 2012 FULBRIGHT-HAYS DOCTORAL DISSERTATION RESEARCH ABROAD FELLOWSHIP PROGRAM
<b>MICHIGAN AGRICULTURAL EXPERIMENT STATION</b>					
161	\$145,000	KEMIN INDUSTRIES INC	Allen, Michael	ANIMAL SCIENCE DEPARTMENT MABR	TIMING OF KEMTRACE CRPR SUPPLEMENTATION FOR LACTATING COWS
162	\$12,000	KEMIN INDUSTRIES INC	Allen, Michael	ANIMAL SCIENCE DEPARTMENT MABR	EFFECT OF KEMTRACE CHROMIUM PROPIONATE FED THROUGH THE TRANSITION PERIOD ON YIELD OF MILK AND MILK COMPONENTS, METABOLISM, AND ENERGY BALANCE OF DAIRY COWS
163	\$60,000	DIAMOND V MILLS INC	Lock, Adam	ANIMAL SCIENCE DEPARTMENT MABR	TESTING THE EFFECTS A YEAST CULTURE FERMENTATION PRODUCT (DIAMOND V XPC™) ON RUMEN BIOHYDROGENATION PATHWAYS
164	\$55,101	MERCK & CO INC	Pursley, James	ANIMAL SCIENCE DEPARTMENT MABR	DEVELOPMENT OF A WEBSITE FOR REPRODUCTION MANAGEMENT OF DAIRY CATTLE
165	\$34,927	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
166	\$133,885	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
167	\$7,000	ADJUVANTS PLUS INC	Penner, Donald	CROP AND SOIL SCIENCE MABR	HERBICIDE SELECTIVITY, ACTION, AND METABOLISM IN CROPS AND WEEKDS.
168	\$112,840	MINNESOTA UNIV OF	Snapp, Sieglinde	CROP AND SOIL SCIENCE MABR	PRECISION ZONAL MANAGEMENT SYSTEMS FOR RESILIENT CEREAL YIELDS AND ECOSYSTEM SERVICES UNDER VARIABLE CLIMATES
169	\$10,000	FMC CORPORATION	Sprague, Christy	CROP AND SOIL SCIENCE MABR	WEED MANAGEMENT STRATEGIES IN SHOYBEAN, SUGAR BEETS, AND DRY BEANS.
170	\$21,100	MOSAIC CROP NUTRITION LLC	Steinke, Kurt	CROP AND SOIL SCIENCE MABR	SOIL FERTILITY AND NUTRIENT MANAGEMENT STRATEGIES ACROSS AGRICULTURAL PRODUCTION SYSTEMS.

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171	\$40,000	MINNESOTA UNIV OF	Thelen, Kurt	CROP AND SOIL SCIENCE MABR	AGRONOMIC LIMITATIONS OF SOYBEAN YIELD AND SEED QUALITY IN US
172	\$149,770	ILLINOIS UNIV OF -	Olsen, Larry	ENTOMOLOGY MABR	MICHIGAN STATE UNIVERSITY CONTRIBUTION TO THE NORTH CENTRAL IPM CENTER - YEAR 6
173	\$5,100	DOW AGROSCIENCES	Wise, John	ENTOMOLOGY MABR	TESTING DOW INSECTICIDES FOR FRUIT PEST MANAGEMENT
174	\$34,000	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Jones, Michael	FISHERIES AND WILDLIFE MABR	ADAPTIVE MANAGEMENT OF SHARP-TAILED GROUSE IN THE EASTERN UPPER PENINSULA OF MICHIGAN.
175	\$12,292	NATL SCIENCE FOUNDATION	Vannocker, Steven	HORTICULTURE MABR	TRPGR: EXPLOITING CHROMATIN LANDMARKS TO CHARACTERIZE COMPLEX PLANT GENOMES
176	\$170,679	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Matuana, Laurent	PACKAGING MABR	VALUE IMPROVEMENT OF LOW QUALITY HARDWOODS IN THE APPALACHIAN AND NORTHEASTERN REGIONS
177	\$6,742	GINSENG BOARD OF WISCONSIN	Hausbeck, Mary	PLANT PATHOLOGY MABR	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
178	\$9,107	PICKLE PACKERS INTERNATL INC	Hausbeck, Mary	PLANT PATHOLOGY MABR	UNDERRSTANDING DISEASE AND SUSCEPTIBILITY IN THE PSEUDOPERONOSPORA CUBENSIS-CUCURBIT INTERACTION: GENETIC APPROACHES TO RESTORE RESISTANCE IN CUCUMBER.
179	\$10,000	SYNGENTA INC	Hausbeck, Mary	PLANT PATHOLOGY MABR	DISEASES OF UPLAND AND MUCK VEGETABLE AND TRANSPLANTS GREENHOUSE ORNAMENTALS AND THEIR CONTROL.
180	\$6,900	ISAGRO USA INC	Sundin, George	PLANT PATHOLOGY MABR	DISEASES OF TREE FRUIT CROPS AND THEIR CONTROL.
181	\$157,621	NATL OCEANIC & ATMOSPHERIC ADMIN	Dietz, Thomas	SOCIOLOGY MABR	GREAT LAKES INTEGRATED SCIENCE AND ASSESSMENT CENTER ASSESSMENT SUPPLEMENT
<b>MICHIGAN STATE UNIVERSITY EXTENSION</b>					
182	\$49,760	DOW CHEMICAL CO	Karcher, Darrin	ANIMAL SCIENCE DEPARTMENT - MSUE	DOW POULTRY STUDY - 2012
183	\$37,964	NESTEC LTD.	Partridge, John	ANIMAL SCIENCE DEPARTMENT - MSUE	TESTING SERVICES AGREEMENT BETWEEN MICHIGAN STATE UNIVERSITY AND NESTEC LTD.
184	\$95,000	ORCHARD SUPPLY HARDWARE	Mahoney, Edward	COMMUNITY,AG,REC AND RES STD MSUE	ORCHARD SUPPLY HARDWARE

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	<b>Amount</b>	<b>Donor</b>	<b>Director</b>	<b>Unit</b>	<b>Purpose</b>
185	\$6,000	AGRIUM ADVANCED TECHNOLOGIES	Frank, Kevin	CROP AND SOIL SCIENCES MSUE	TURFGRASS PHYSIOLOGY AND MANAGEMENT.
186	\$25,000	MICH CROP IMPROVEMENT ASSOC	Kells, James	CROP AND SOIL SCIENCES MSUE	WHEAT BREEDING RESEARCH.
187	\$30,000	US DEPT AGRICULTURE	Kells, James	CROP AND SOIL SCIENCES MSUE	ACQUISITION OF GOODS AND SERVICES
188	\$20,645	MINNESOTA UNIV OF	Mutch, Dale	EXTENSION AGRICULTURE AND AGRIBUSINESS	MICHIGAN NCR-SARE STATE SUSTAINABLE AGRICULTURE PDP – 2008 – REGIONAL TRAINING SUPPLEMENTAL 2
189	\$82,106	WISCONSIN UNIV OF	Wolfson, Lois	EXTENSION AREA OF EXPERTISE TEAM SUPPORT	GREAT LAKES REGIONAL WATER PROGRAM: A REGIONAL WATER RESOURCE PROJECT FOR STATES IN USEPA REGION 5
190	\$23,626	MICH 4-H FOUNDATION	Chapin, Julie	EXTENSION CHILDREN AND YOUTH	MICHIGAN 4-H FOUNDATION COUNTY PROGRAMS
191	\$73,575	MI DEPT COMMUNITY HEALTH	Benton, Patricia	EXTENSION HEALTH AND NUTRITION	PROJECT FRESH
192	\$553,404	MI DEPT COMMUNITY HEALTH	Contreras, Dawn	EXTENSION HEALTH AND NUTRITION	WIC/BFI MOTHER TO MOTHER PEER PROJECT
193	\$164,226	MI DEPT COMMUNITY HEALTH	Contreras, Dawn	EXTENSION HEALTH AND NUTRITION	PHYSICIAN PEER EDUCATION ON IMMUNIZATION
194	\$40,000	MI DEPT COMMUNITY HEALTH	Contreras, Dawn	EXTENSION HEALTH AND NUTRITION	MSU WISEWOMAN
195	\$8,491,120	MI DEPT OF HUMAN SERVICES	Contreras, Dawn	EXTENSION HEALTH AND NUTRITION	SUPPLEMENTAL NUTRITION ASSISTANCE PROGRAM - EDUCATION
196	\$15,000	MI DEPT COMMUNITY HEALTH	Newkirk, Cathy	EXTENSION HEALTH AND NUTRITION	MDCH BED BUG GRANT
197	\$100,000	ILLINOIS UNIV OF -	Pistis, Charles	FISHERIES AND WILDLIFE MSUE	INCREASING CITIZEN INVOLVEMENT AND IMPROVING GREAT LAKES LITERACY THROUGH TRAINING, MENTORING, COMMUNITY-BUILDING, AND PLACE-BASED STEWARDSHIP
198	\$76,174	MICHIGAN UNIVERSITY OF	Pistis, Charles	FISHERIES AND WILDLIFE MSUE	SEA GRANT/GLERL GREAT LAKES SEA GRANT NETWORK
199	\$35,000	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Walters, Michael	FORESTRY MSUE	EFFECTS OF EAB, HARVEST PATTERN AND DEER BROWSE ON THE DIVERSITY AND STRUCTURE OF NORTHERN HARDWOOD FOREST; IMPLICATIONS FOR SUSTAINABLE TIMBER PRODUCTIONS AND SONGBIRD HABITAT.”

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	<b>Amount</b>	<b>Donor</b>	<b>Director</b>	<b>Unit</b>	<b>Purpose</b>
200	\$34,065	DOW CHEMICAL CO	Beaudry, Randolph	HORTICULTURE - MSUE	TO DETERMINE SHELF LIFE OF SELECTED CROPS USING DOW EXPERIMENTAL FILM VERSUS OTHER FILMS.
201	\$13,000	MICH CHRISTMAS TREE GROWERS ASSN	Behe, Bridget	HORTICULTURE - MSUE	MAKE IT A REAL MICHIGAN CHRISTMAS 2012: STRENGTHENING MICHIGAN POINSETTIA AND CHRISTMAS TREE PRODUCTION THROUGH CONSUMER EDUCATION.
202	\$112,774	BRIGHAM YOUNG UNIVERSITY	Fernandez, Rodney	HORTICULTURE - MSUE	IMPACT AND SOCIAL ACCEPTANCE OF SELECTED SUSTAINABLE PRACTICES IN ORNAMENTAL CROP PRODUCTION SYSTEMS
203	\$95,098	IOWA STATE UNIVERSITY	Ngouajio, Mathieu	HORTICULTURE - MSUE	SHIELDING CUCURBIT CROPS FOR RESILIENT AGRO-ECOSYSTEM
204	\$10,000	KALAMAZOO SPECIALTY PLANTS LLC	Runkle, Erik	HORTICULTURE - MSUE	2012 DONATION
205	\$49,500	REGENTS OF THE UNIVERSITY OF MICHIGAN	Layman, Claire	MSUE DIRECTORS OFFICE	ADAPTING TO CLIMATE CHANGE AND VARIABILITY: PLANNING TOOLS FOR MICHIGAN COMMUNITIES
206	\$225,000	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Cohen, Joshua	NATURAL FEATURES INVENTORY MSUE	SOUTHERN MICHIGAN LANDS INTEGRATED INVENTORY PROJECT
207	\$35,453	US FISH & WILDLIFE SERVICE	Cuthrell, David	NATURAL FEATURES INVENTORY MSUE	ASSESS THE STATUS OF PITCHER'S THISTLE AND AMERICAN BURYING BEETLE LOCATED IN THE SOUTHERN LOWER PENINSULA OF THE STATE OF MICHIGAN
208	\$100,000	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Higman, Phyllis	NATURAL FEATURES INVENTORY MSUE	MOUNTING A RAPID RESPONSE TO INVASIVE PLANTS 2013
209	\$305,350	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Klatt, Brian	NATURAL FEATURES INVENTORY MSUE	CONSULTATION, ADMINISTRATION AND DATABASE MANAGEMENT (CAD)
210	\$18,000	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Klatt, Brian	NATURAL FEATURES INVENTORY MSUE	CRITICAL REVIEW OF THE DRAFT WIND-ENERGY MULTI-SPECIES HABITAT CONSERVATION PLAN
211	\$8,660	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Klatt, Brian	NATURAL FEATURES INVENTORY MSUE	MONITORING BAT USE OF AGRICULTURAL FIELDS IN MICHIGAN
212	\$8,188	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Klatt, Brian	NATURAL FEATURES INVENTORY MSUE	MONITORING BAT SPECIES DIVERSITY IN THE NORTHERN THUMB AREA OF MICHIGAN
213	\$7,708	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Klatt, Brian	NATURAL FEATURES INVENTORY MSUE	ACOUSTIC MONITORING OF CHIROPTERAN AND AVIAN MIGRATION ACTIVITY IN HIGH WIND ENERGY POTENTIAL AREAS OF MICHIGAN
214	\$50,000	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Slaughter, Bradford	NATURAL FEATURES INVENTORY MSUE	OAK SAVANNA, PINE BARRENS, AND JACK PINE FOREST RESTORATION IN MICHIGAN AND OHIO FOR SPECIES OF GREATEST CONSERVATION NEED

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215	\$25,000	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Slaughter, Bradford	NATURAL FEATURES INVENTORY MSUE	PRAIRIE FEN AND ASSOCIATED SAVANNA RESTORATION IN MICHIGAN AND INDIANA FOR SPECIES OF GREATEST CONSERVATION NEED
216	\$25,000	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Slaughter, Bradford	NATURAL FEATURES INVENTORY MSUE	DIVERSE GRASSLAND COMPLEXES FOR SPECIES OF GREATEST CONSERVATION NEED
<b>VICE PRES RESEARCH AND GRADUATE STUDIES</b>					
217	\$43,058	MICHIGAN INITIATIVE FOR INNOVATION AND ENTREPRENEURSHIP	Shaw, Bradley	MSU TECHNOLOGIES	FAST, COST-EFFECTIVE NANO-HYBRID PRETREATMENT PROCESS OF BIOMASS FOR BIOFUELS AND BIOMATERIALS
218	\$10,464	AFFINIUM PHARMACEUTICALS, LTD	Phelps, Hilary	REGULATORY AFFAIRS, OFFICE OF	PHARMACOKINETIC SAMPLING OF A NOVEL THERAPEUTIC IN A NEUTROPENIC MURINE STAPHYLOCOCCUS AUREUS INDUCED SOFT TISSUE INFECTION MODEL
<b>VICE PRES FOR STUDENT AFFAIRS AND SERVICES</b>					
219	\$188,905	MI DEPT COMMUNITY HEALTH	Collins-Eaglin, Jan	COUNSELING CENTER	MSU SEXUAL ASSAULT PROGRAM
<b>GRADUATE SCHOOL DEAN</b>					
220	\$50,000	COUNCIL OF GRADUATE SCHOOLS	Klomprens, Karen	GRADUATE SCHOOL DEAN	PREPARING FUTURE FACULTY TO ASSESS STUDENT LEARNING; A MULTIFACETED APPROACH AT MSU
221	\$898,000	NATL SCIENCE FOUNDATION	Klomprens, Karen	GRADUATE SCHOOL DEAN	GRADUATE RESEARCH FELLOWSHIP PROGRAM
222	\$8,558	VAN ANDEL RESEARCH INSTITUTE	Klomprens, Karen	GRADUATE SCHOOL DEAN	GRADUATE EDUCATION COLLABORATION
223	\$6,500	VAN ANDEL RESEARCH INSTITUTE	Klomprens, Karen	GRADUATE SCHOOL DEAN	VAN ANDEL RESEARCH INSTITUTE GRADUATE RECRUITMENT OF MSU GRADUATE STUDENTS
<b>V.P. FINANCE AND OPERATIONS AND TREASURER</b>					
224	\$5,345	MSU FOUNDATION	Poston, Fred	FINANCE & OPERATIONS VP & TREASURER	SALARIES AND FRINGES PAID FOR FISCAL YEAR 2012-13
<b>Various</b>					
225	\$150,435	VARIOUS	Various	Various	68 CONSOLIDATED GRANTS WITH INDIVIDUAL VALUES LESS THAN \$5000. DETAILS ON FILE IN CONTRACT & GRANT ADMIN., ROOM 301 ADMIN. BLDG.
	<b>\$65,456,538</b>	<b>Total January 2013 Board</b>			

