

MICHIGAN STATE  
UNIVERSITY

March 31, 2011

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 February 2, 2011 through March 31, 2011. The report is a compilation of 214 Gifts, Grants and Contracts, 74 Consignment/Non-Cash Gifts, with a total value of \$72,071,762.

FY 2010-11 TOTALS:

a) Gifts & Grants only:	\$361,218,918
b) Gifts, Grants, & Consignments:	\$366,728,186
(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

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Vice President

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JIG/sb

## Current Period / Year to Date

### Gift & Grant Awards

Meeting Date: 04/15/11

#### AWARD TOTALS

RESEARCH			
Gift/Grant Source	2/02/11-03/31/11 Acceptance Total	10-11 YTD Acceptance Total	% of Total YTD
Federal	26,373,897	183,732,001	83.8%
State of Michigan	2,699,794	6,392,184	2.9%
Other	2,531,100	15,044,541	6.9%
Industry	645,857	3,875,253	1.8%
Foundation	346,955	8,839,201	4.0%
Association	271,039	1,327,945	0.6%
<b>TOTAL</b>	<b>32,868,642</b>	<b>219,211,125</b>	<b>100.0%</b>

NON-RESEARCH			
Gift/Grant Source	2/02/11-03/31/11 Acceptance Total	10-11 YTD Acceptance Total	% of Total YTD
Federal	3,158,451	47,570,014	33.5%
State of Michigan	959,600	5,770,832	4.1%
Other	28,686,986	73,021,757	51.4%
Industry	118,991	748,830	0.5%
Foundation	2,945,000	5,577,821	3.9%
Association	3,156,205	9,318,539	6.6%
<b>TOTAL</b>	<b>39,025,233</b>	<b>142,007,793</b>	<b>100.0%</b>

TOTAL			
Gift/Grant Source	2/02/11-03/31/11 Acceptance Total	10-11 YTD Acceptance Total	% of Total YTD
Federal	29,532,348	231,302,015	64.0%
State of Michigan	3,659,394	12,163,016	3.4%
Other	31,218,086	88,066,298	24.4%
Industry	764,848	4,624,083	1.3%
Foundation	3,291,955	14,417,022	4.0%
Association	3,427,244	10,646,484	2.9%
<b>TOTAL</b>	<b>71,893,875</b>	<b>361,218,918</b>	<b>100.0%</b>

#### # OF AWARDS

RESEARCH			
Gift/Grant Source	2/02/11-03/31/11 Acceptance Total	10-11 YTD Acceptance Total	% of Total YTD
Federal	92	681	58.8%
State of Michigan	29	80	6.9%
Other	17	179	15.5%
Industry	5	114	9.8%
Foundation	6	57	4.9%
Association	8	47	4.1%
<b>TOTAL</b>	<b>157</b>	<b>1,158</b>	<b>100.0%</b>

NON-RESEARCH			
Gift/Grant Source	2/02/11-03/31/11 Acceptance Total	10-11 YTD Acceptance Total	% of Total YTD
Federal	23	178	46.8%
State of Michigan	12	45	11.8%
Other	12	79	20.8%
Industry	3	37	9.7%
Foundation	3	27	7.1%
Association	4	14	3.7%
<b>TOTAL</b>	<b>57</b>	<b>380</b>	<b>100.0%</b>

TOTAL			
Gift/Grant Source	2/02/11-03/31/11 Acceptance Total	10-11 YTD Acceptance Total	% of Total YTD
Federal	115	859	55.9%
State of Michigan	41	125	8.1%
Other	29	258	16.8%
Industry	8	151	9.8%
Foundation	9	84	5.5%
Association	12	61	4.0%
<b>TOTAL</b>	<b>214</b>	<b>1,538</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: 04/15/2011

#### AWARD TOTALS

RESEARCH			
	09-10 YTD Total	10-11 YTD Total	
Gift/Grant Source	6/6/09-4/2/10	6/2/10-3/31/11	% Change
Federal	202,702,526	183,732,001	-9.4%
State of Michigan	6,807,133	6,392,184	-6.1%
Other	11,007,321	15,044,541	36.7%
Industry	10,008,056	3,875,253	-61.3%
Foundation	22,484,584	8,839,201	-60.7%
Association	3,656,812	1,327,945	-63.7%
<b>TOTAL</b>	<b>256,666,432</b>	<b>219,211,125</b>	<b>-14.6%</b>

NON-RESEARCH			
	09-10 YTD Total	10-11 YTD Total	
Gift/Grant Source	6/6/09-4/2/10	6/2/10-3/31/11	% Change
Federal	87,436,992	47,570,014	-45.6%
State of Michigan	7,899,029	5,770,832	-26.9%
Other	70,336,496	73,021,757	3.8%
Industry	3,556,656	748,830	-78.9%
Foundation	6,774,871	5,577,821	-17.7%
Association	2,533,004	9,318,539	267.9%
<b>TOTAL</b>	<b>178,537,048</b>	<b>142,007,793</b>	<b>-20.5%</b>

TOTAL			
	09-10 YTD Total	10-11 YTD Total	
Gift/Grant Source	6/6/09-4/2/10	6/2/10-3/31/11	% Change
Federal	290,139,518	231,302,015	-20.3%
State of Michigan	14,706,162	12,163,016	-17.3%
Other	81,343,817	88,066,298	8.3%
Industry	13,564,712	4,624,083	-65.9%
Foundation	29,259,455	14,417,022	-50.7%
Association	6,189,816	10,646,484	72.0%
<b>TOTAL</b>	<b>435,203,480</b>	<b>361,218,918</b>	<b>-17.0%</b>

#### # OF AWARDS

RESEARCH			
	09-10 YTD Total	10-11 YTD Total	
Gift/Grant Source	6/6/09-4/2/10	6/2/10-3/31/11	% Change
Federal	854	681	-20.3%
State of Michigan	94	80	-14.9%
Other	211	179	-15.2%
Industry	471	114	-75.8%
Foundation	100	57	-43.0%
Association	139	47	-66.2%
<b>TOTAL</b>	<b>1,869</b>	<b>1,158</b>	<b>-38.0%</b>

NON-RESEARCH			
	09-10 YTD Total	10-11 YTD Total	
Gift/Grant Source	6/6/09-4/2/10	6/2/10-3/31/11	% Change
Federal	168	178	6.0%
State of Michigan	53	45	-15.1%
Other	191	79	-58.6%
Industry	133	37	-72.2%
Foundation	27	27	0.0%
Association	21	14	-33.3%
<b>TOTAL</b>	<b>593</b>	<b>380</b>	<b>-35.9%</b>

TOTAL			
	09-10 YTD Total	10-11 YTD Total	
Gift/Grant Source	6/6/09-4/2/10	6/2/10-3/31/11	% Change
Federal	1022	859	-15.9%
State of Michigan	147	125	-15.0%
Other	402	258	-35.8%
Industry	604	151	-75.0%
Foundation	127	84	-33.9%
Association	160	61	-61.9%
<b>TOTAL</b>	<b>2,462</b>	<b>1,538</b>	<b>-37.5%</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 April 15, 2011 BOT Meeting

Rank	Funding Type	Award Amount	First PI	Grantor	Dept	Func Tp	tion	Project Dates	TITLE
1	Fed	5,000,000	Glasmacher, Thomas	ENERGY US DEPT OF	NATL CYCLOTRON LAB	C	Res	05/01/09 09/30/12	Facility for Rare Isotope Beams (FRIB)
2	Fed	4,999,468	Goodman, Erik	NATL SCIENCE FOUNDATION	ELEC COMP ENGR	S	Res	08/01/10 07/31/15	BEACON: An NSF Center for the Study of Evolution in Action
3	Assoc	3,000,000	Hunt, Paul	LAKESHORE ADVANTAGE	ASC VP RESEARCH	C	PS	08/15/08 12/31/11	Retention of Pfizer Assets in Holland, MI: Part II -- 2011 Continuation
4	Found	2,500,000	Hamm, Michael	KELLOGG W K FOUNDATION	CROP & SOIL SC AES	N	PS	11/30/13	Implementing the Michigan Good Food Charter
5	Fed	1,451,717	Della Penna, Dean	NATL INST OF HEALTH - NIH/PHS	BIOCEM&MOLC BIO NS	R	Res	09/30/09 08/31/10	Advancing Drug Development from Medicinal Plants using Transcriptomics and Metabolomics
6	Fed	1,165,138	Douches, David	USDA - AGRICULTURE U.S. DEPT. OF - ES	CROP & SOIL SC AES	N	Res	09/01/09 08/31/11	Translating Solanaceae Sequence Diversity and Trait Variation Into Applied Outcomes Through Integrative Research, Education and Extension
7	Fed	1,144,797	Last, Robert	NATL SCIENCE FOUNDATION	BIOCEM&MOLC BIO NS	N	Res	02/28/15	GEPR: Building and operating chemical factories: Comparative studies of biochemical pathways for defense compounds in the Solanum
8	Other	1,069,855	Hamilton, Deanne	CORPORATION FOR PUBLIC BROADCASTING	BROADCASTING SERV	N	PS	10/01/10 09/30/12	Augment the public services of WKAR-TV
9	Other	999,345	Manning, Shannon	COUNCIL ON ANTHROPOLOGY AND EDUCATION	MICRO&MOLEC GEN NS	N	Res	01/15/11 01/14/13	Host, genetic, microbial, and environmental factors associated with Shiga toxin-producing Escherichia coli (STEC) shedding
10	Fed	980,000	Robertson, G	NATL SCIENCE FOUNDATION	CROP & SOIL SC AES	C	Res	01/31/12	The KBS LTER Project: Long Term Ecological Research in Row-crop Agriculture

22,310,320

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GIFT, GRANT AND CONTRACT REPORT

BOARD OF TRUSTEES

APRIL 2011

<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
<b>COLLEGE OF AGRICULTURE &amp; NATURAL RESOURCES</b>					
1	\$13,000.00	MISSOURI STATE UNIVERSITY	Foster, Eunice	AGRIC TECH INST	VESTA - VITICULTURE AND ENOLOGY SCIENCE AND TECHNOLOGY ALLIANCE
2	\$28,289.00	REGENTS OF THE UNIVERSITY OF MINNESOTA	Alocilja, Evangelyn	BIOSYSTEMS AG EGR	DEVELOPMENT OF A MULTIPLEX BIO-BARCODE DNA BIOSENSOR FOR BACILLUS ANTHRACIS DETECTION WITHOUT PCR AMPLIFICATION, PHASE II SUPPLEMENTAL FUNDS
3	\$90,000.00	LENAWEE CONSERVATION DISTRICT	Nejadhashemi, Amirpo	BIOSYSTEMS AG EGR	TARGETED EFFORTS FOR REDUCING SEDIMENTATION IN THE RIVER RAISIN WATERSHED USING BMP AUCTIONS
4	\$105,000.00	US GEOLOGICAL SURVEY	Bartholic, Jon	CARRS	THE GREAT LAKES TRIBUTARY MODELING PROGRAM 516(E) WORK PLAN FOR PURDUE UNIVERSITY AND MICHIGAN STATE UNIVERSITY 2010 AND 2011
5	\$79,937.60	BRITISH COUNCIL	Fear, Frank	CARRS	BUILDING FACULTY AND ORGANIZATIONAL DEVELOPMENT CAPACITY OF IRAQI UNIVERSITIES
6	\$50,000.00	US DEPT AGRICULTURE	Mahoney, Edward	CARRS	DEVELOPMENT AND APPLICATION OF GIS AND QUANTATIVE GEOGRAPHY TOOLS TO PROVIDE INTEGRATED ANALYSIS OF THE U.S. ARMY CORE OF ENGINEERS (ACOE) WATER PROJECT AREAS.
7	\$24,994.00	SAULT STE MARIE TRIBE OF CHIPPEWA INDIAN	Oh, Chi-Ok	CARRS	RESIDENTS' PREFERENCE ASSESSMENT FOR THE INTEGRATED RESOURCE MANAGEMENT PLANNING PROCESS
8	\$20,190.00	NATL HONEY BOARD	Huang, Zachary	ENTOMOLOGY	USING RNAI AS A METHOD FOR CONTROLLING VARROA DESTRUCTOR
9	\$13,080.00	NATL HONEY BOARD	Huang, Zachary	ENTOMOLOGY	ARE WORKERS PREVIOUSLY EXPOSED AS LARVAE TO PESTICIDES MORE SUSCEPTIBLE TO
10	\$15,353.00	MICH GRAPE & WINE INDUSTRY COUNCIL	Isaacs, Rufus	ENTOMOLOGY	IMPROVED MONITORING, THRESHOLD DEVELOPMENT, AND CONTROL OF GRAPE BERRY MOTH IN WINE GRAPES
11	\$24,924.00	MICH GRAPE & WINE INDUSTRY COUNCIL	Jenkins, Paul	ENTOMOLOGY	ENOLOGY PARTNERSHIP AGREEMENT
12	\$25,080.00	USDA - FOREST SERVICE	Miller, James	ENTOMOLOGY	CHEMICAL ECOLOGY OF THE EMERALD ASH BORER
13	\$38,145.00	CORN MARKETING PROGRAM OF MICHIGAN	Whalon, Mark	ENTOMOLOGY	ARE BT CRY PROTEINS IN GM CORN IMPACTING FUNCTIONAL ECOLOGY IN CORN WATERWAYS? A CRITICAL EXPERIMENT DESIGNED TO MEASURE THE ACTUAL EFFECTS OF BT CORN RUNOFF.

## GIFT, GRANT AND CONTRACT REPORT

## BOARD OF TRUSTEES

APRIL 2011

<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
14	\$18,000.00	VESTERGAARD FRANDBSEN SA	Whalon, Mark	ENTOMOLOGY	TESTING OF INSECTICIDE TREATED FABRICS FROM VF AND RESEARCHING THE FEASIBILITY OF COMBINING BIOLOGICAL MATERIALS FROM MSU WITH VF TECHNOLOGY
15	\$220,674.00	GREAT LAKES FISHERY TRUST	Abdel-Kariem, Mohamm	FISHERIES & WILDLF	EMERGING FLAVOBACTERIUM SPP. IN THE GREAT LAKES BASIN: IDENTIFICATION AND ASSESSMENT OF THEIR IMPACTS ON FISH HEALTH
16	\$170,340.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Abdel-Kariem, Mohamm	FISHERIES & WILDLF	DEVELOPMENT AND IMPLEMENTATION OF A FISH HEALTH INITIATIVE FOR MICHIGAN INLAND AND GREAT LAKES FISHERIES
17	\$91,802.00	MICHIGAN UNIVERSITY OF	Abdel-Kariem, Mohamm	FISHERIES & WILDLF	MECHANISTIC APPROACH TO IDENTIFY THE ROLE OF PATHOGENS IN CAUSING DIPOREIA SPP. DECLINE IN THE LAURENTIAN GREAT LAKES
18	\$18,124.00	GREAT LAKES FISHERY COMMISSION	Bence, James	FISHERIES & WILDLF	UNDERSTANDING CHANGING PATTERNS OF SIZE-SPECIFIC MARKING OF LAKE TROUT BY SEA LAMPREY
19	\$16,313.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Bence, James	FISHERIES & WILDLF	QUANTITATIVE SUPPORT FOR INTER-JURISDICTIONAL FISHERIES MANAGEMENT ON THE GREAT LAKES.
20	\$60,200.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Bremigan, Mary	FISHERIES & WILDLF	DEVELOPMENT OF LAKE SPATIAL INFORMATION AND TOOLS FOR AQUATIC LIFE CONSERVATION
21	\$35,000.00	GREAT LAKES FISHERY COMMISSION	Brenden, Travis	FISHERIES & WILDLF	GREAT LAKES FISHERY COMMISSION SUPPORT FOR THE QUANTITATIVE FISHERIES CENTER
22	\$98,393.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Hayes, Daniel	FISHERIES & WILDLF	WALLEYE DYNAMICS IN MICHIGAN'S INLAND WATERWAY: THE BURT-MULLETT-PICKEREL-CROOKED LAKE SYSTEM
23	\$54,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Kramer, Daniel	FISHERIES & WILDLF	ASSESSING EFFECTS OF SOCIAL CAPITAL AMONG MICHIGAN DEER MANAGEMENT COOPERATIVES
24	\$192,190.74	GREAT LAKES FISHERY COMMISSION	Li, Weiming	FISHERIES & WILDLF	STRUCTURE AND FUNCTION OF SEA LAMPREY PHEROMONE COMPONENTS
25	\$15,150.00	MISSISSIPPI STATE UNIVERSITY	Owen, Jennifer	FISHERIES & WILDLF	DISEASE AND INTERCOLONIAL MOVEMENT ECOLOGY OF DOUBLE-CRESTED CORMORANTS NESTING IN SOUTHERN ONTARIO, CANADA AND MICHIGAN, USA
26	\$140,950.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	ROLOFF, GARY J	FISHERIES & WILDLF	EFFECTIVENESS OF RESIDUAL STRUCTURE RETENTION IN CLEARCUT HARVEST UNITS FOR CONSERVING BIODIVERSITY AND WILDLIFE HABITAT

## GIFT, GRANT AND CONTRACT REPORT

## BOARD OF TRUSTEES

APRIL 2011

<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
27	\$7,500.00	NATL SCIENCE FOUNDATION	Tsao, Jean	FISHERIES & WILDLF	TESTING ALTERNATIVE HYPOTHESES FOR GRADIENTS IN LYME DISEASE IN THE EASTERN U.S.: CLIMATE, HOST COMMUNITY AND VECTOR GENETIC STRUCTURE
28	\$10,949.00	GREAT LAKES FISHERY COMMISSION	Wagner, Michael	FISHERIES & WILDLF	A FIELD INVESTIGATION OF THE POTENTIAL TO CONTROL SEA LAMPREY THROUGH PHEROMONE-MEDIATED REDISTRIBUTION OF MIGRANTS IN THE GREAT LAKES
29	\$20,000.00	SOUTH DAKOTA STATE UNIVERSITY	Miller, Raymond	FORESTRY	POPLAR BIOMASS CROP FEEDSTOCK DEVELOPMENT PLAN FOR 2010 FOR THE NORTHEAST AND MIDWEST U.S.
30	\$600,000.00	INTL RESOURCES GROUP	Clay, Daniel	INTNL AGRI INST	USAID INCREASED FOOD SECURITY SAGIC T/O #5
31	\$581,665.00	WORLD TRADE ORGANIZATION	Clay, Daniel	INTNL AGRI INST	A SOUTHEAST ASIAN PARTNERSHIP TO BUILD TRADE CAPACITY FOR FRESH AND PROCESSED FRUIT AND VEGETABLE PRODUCTS
32	\$315,755.00	US DEPT AGRICULTURE	Clay, Daniel	INTNL AGRI INST	SPS CAPACITY BUILDING IN SOUTH AFRICA
33	\$9,039.21	DEVELOPMENT ALTERNATIVES INC	Clay, Daniel	INTNL AGRI INST	RAISE PLUS STOP A-I LESSONS LEARNED WORKSHOP
34	\$16,877.00	RUTGERS, THE STATE UNIVERSITY	Kirk, William	PLANT PATHOLOGY	DEMONSTRATION OF EFFICACY OF CONTAINS IN SOYBEANS AND DRY BEANS.
<b>COLLEGE OF ARTS AND LETTERS</b>					
35	\$332,431.00	EDUCATION U.S. DEPT OF	Gass, Susan	LINGUISTICS & LANG	TITLE VI LANGUAGE RESOURCE CENTERS PROGRAM
<b>COLLEGE OF COMMUNICATION ARTS AND SCIENCES</b>					
36	\$136,800.00	NATL INST OF HEALTH - NIH/PHS	Rifon, Nora	ADV, PR & RETAIL	IMPACT OF FOOD ADVERGAMES TARGETING CHILDREN ON DIETARY BEHAVIORS
37	\$340,000.00	INGAGE NETWORKS	Lillie, Janet	COMMUNICATION	MICHIGAN DEPARTMENT OF ENERGY, LABOR, AND ECONOMIC GROWTH (DELEG) - SOCIAL MEDIA AND SOCIAL PRODUCTION PROFESSIONAL SERVICES
38	\$45,000.00	MCCORMICK TRIBUNE FOUNDATION	Detjen, James	JOURNALISM	URBAN YOUTH ENVIRONMENTAL REPORTING: A JOINT PROJECT BY THE KNIGHT CENTER FOR ENVIRONMENTAL JOURNALISM AND WE THE PEOPLE MEDIA

## GIFT, GRANT AND CONTRACT REPORT

## BOARD OF TRUSTEES

APRIL 2011

<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
<b>COLLEGE OF EDUCATION</b>					
39	\$48,040.00	MI DEPT COMMUNITY HEALTH	Carlson, John	CNS, ED PSY,SPC ED	WRAPAROUND EVALUATION PROJECT
40	\$554,186.00	MI LABOR	Leahy, Michael	CNS, ED PSY,SPC ED	PROJECT EXCELLENCE
41	\$173,662.00	WISCONSIN MADISON UNIV OF	AUSTIN, ANN E.	EDUC ADMIN	THE CIRTL NETWORK - SHAPING; CONNECTING; AND SUPPORTING THE FUTURE NATIONAL STEM FACULTY
<b>COLLEGE OF ENGINEERING</b>					
42	\$21,575.00	MICH GRAPE & WINE INDUSTRY COUNCIL	Berglund, Kris	CEM EGR & MAT SCI	MONITORING AND CONTROL OF MICRO-OXIDATION IN MICHIGAN WINES
43	\$10,000.00	SHEAR FORM INC	Bieler, Thomas	CEM EGR & MAT SCI	FINE GRAIN NB TUBE FOR SRF CAVITIES
44	\$66,186.00	STATE UNIV OF NEW YORK RESEARCH FDN	Ofoli, Robert	CEM EGR & MAT SCI	PHOTOSYNTHESIS ON A CHIP: MICRO SCALE ENERGY PRODUCTION
45	\$100,000.00	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Hong, Jung-Wuk	CIVIL & ENVIR ENG	COUPLING OF PERIDYNAMICS AND FINITE ELEMENT FORMULATION FOR MULTISCALE SIMULATIONS
46	\$25,650.00	WASTE MANAGEMENT INC	Khire, Milind	CIVIL & ENVIR ENG	FIELD-SCALE EVALUATION OF EVAPOTRANSPIRATIVE EARTHEN CAPS FOR MICHIGAN
47	\$63,450.00	US GEOLOGICAL SURVEY	Mantha, Phanikumar	CIVIL & ENVIR ENG	INTERACTIONS BETWEEN INDICATOR BACTERIA, SUSPENDED SEDIMENT AND SUNLIGHT IN THE NEAR-SHORE REGION - AN INTEGRATED APPROACH FOR IMPROVED BEACH CLOSURE FORECASTING
48	\$50,000.00	MOTOROLA INC	Drzal, Lawrence	COMP MATLS/STRUC	PLASTIC NANO-COMPOSITES TO IMPROVE ANTENNA PERFORMANCE
49	\$50,000.00	NAVAL RESEARCH US OFFICE OF USDN	Jain, Anil	COMP SCI & EGR	KERNEL LEARNING FOR FUSING UNCERTAIN INFORMATION FROM MULTIPLE HETEROGENEOUS SOURCES
50	\$15,000.00	NAVAL RESEARCH US OFFICE OF USDN	Jain, Anil	COMP SCI & EGR	LARGE-SCALE KERNEL-BASED DATA CLUSTERING
51	\$47,648.00	ARMY RESEARCH OFFICE U S	JAIN, ANIL K	COMP SCI & EGR	AUTOMATIC IMAGE AND VIDEO ANNOTATION

## GIFT, GRANT AND CONTRACT REPORT

## BOARD OF TRUSTEES

APRIL 2011

<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
52	\$128,022.00	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Kulkarni, Sandeep	COMP SCI & EGR	AUTOMATED PROGRAM REVISION FOR EMBEDDED SYSTEMS
53	\$80,000.00	NATL SCIENCE FOUNDATION	OFRIA, CHARLES ART	COMP SCI & EGR	CAREER: DIGITAL EVOLUTION AND BIOCOMPLEXITY-FROM BIOLOGICAL THEORY TO COMPUTATIONAL APPLICATIONS
54	\$95,789.00	NATL SCIENCE FOUNDATION	Dong, Lixin	ELEC COMP ENGR	CAREER: NANOSYSTEMS ENABLED INTELLIGENT END-EFFECTORS FOR NANOROBOTIC MANIPULATION
55	\$4,999,468.00	NATL SCIENCE FOUNDATION	Goodman, Erik	ELEC COMP ENGR	BEACON: AN NSF CENTER FOR THE STUDY OF EVOLUTION IN ACTION
56	\$400,000.00	NATL SCIENCE FOUNDATION	Li, Wen	ELEC COMP ENGR	CAREER: TOWARD BIOCOMPATIBLE, BI-DIRECTIONAL, AND MULTI-CHANNEL MAGNETIC NEURAL IMPLANTS
57	\$52,434.91	GENERAL MOTORS CORPORATION	Liu, Jianbo	ELEC COMP ENGR	DYNAMIC COST ANALYSIS AND MODELING IN COMPLEX PRODUCTION SYSTEMS: A TOTAL COST PERSPECTIVE
58	\$75,000.00	ELECTRIC POWER RESEARCH INSTITUTE	Udpa, Lalita	ELEC COMP ENGR	ASSESSMENT OF FUTURE LONG TERM DATA STORAGE COMPABILITIES
59	\$70,011.00	ELECTRIC POWER RESEARCH INSTITUTE	Udpa, Lalita	ELEC COMP ENGR	DEVELOPMENT OF ALGORITHMS FOR AUTOMATIC ANALYSIS OF EDDY CURRENT INSPECTION DATA FROM SG TUBING
60	\$15,523.00	ELECTRIC POWER RESEARCH INSTITUTE	Udpa, Lalita	ELEC COMP ENGR	EVALUATION OF NRC/ANL DATA ANALYSIS ALGORITHMS
61	\$140,000.00	GENERAL MOTORS CORPORATION	Zhu, Guoming	ELEC COMP ENGR	COMBUSTION AND AFTER TREATMENT REGENERATION CONTROL FOR BIODIESEL ENGINES USING KNOCK AND PRESSURE SENSORS
62	\$90,583.00	MICHIGAN UNIVERSITY OF	Wolff, Thomas	ENGINEERING DEAN	MICHIGAN LOUIS STOKES ALLIANCE FOR MINORITY PARTICIPATION 2010-2015
63	\$45,000.00	MICHIGAN UNIVERSITY OF	Jaberi, Farhad	MECHANICAL ENGR	MICHIGAN/AFRL COLLABORATIVE CENTER IN AERONAUTICAL SCIENCES
64	\$125,000.00	AIR FORCE OFFICE OF SCIENTIFIC RESEARCH	Kwon, Patrick	MECHANICAL ENGR	DEVELOPMENT OF NEW GENERATION OF PERSPIRABLE SKIN
65	\$7,500.00	MISSISSIPPI UNIV OF	Liu, Dahsin	MECHANICAL ENGR	PRESSURE TESTING FOR SANDWICH COMPOSITES

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<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
COLLEGE OF HUMAN MEDICINE					
66	\$36,288.58	NATL INST OF HEALTH - NIH/PHS	Collier, Kathy	CHM WEST MICHIGAN	ABERRANT SYNAPTIC PLASTICITY: IMPACT ON DOPAMINE GRAFT OUTCOME
67	\$299,250.00	NATL INST OF HEALTH - NIH/PHS	Collier, Timothy	CHM WEST MICHIGAN	AN APPROACH TO DOPAMINE GRAFT AUGMENTATION
68	\$138,133.78	NATL INST OF HEALTH - NIH/PHS	Collier, Timothy	CHM WEST MICHIGAN	AGING AND PARKINSON'S DISEASE: MODELS OF THERAPEUTICS AND NEUROLOGIC CO MORBIDITY
69	\$54,033.91	NATL INST OF HEALTH - NIH/PHS	Collier, Timothy	CHM WEST MICHIGAN	AN APPROACH TO DOPAMINE GRAFT AUGMENTATION
70	\$172,885.00	NATL INST ON DRUG ABUSE -NIH/PHS	Anthony, James	EPIDEMIOLOGY	NATIONAL HISPANIC SCIENCE NETWORK EARLY STAGE CAREER MENTORING FOR NIDA RESEARCH (ESCM-NIDA)
71	\$14,438.20	SRA INTERNATIONAL, INC	Malouin, Rebecca	FAMILY MEDICINE	CHAP EVALUATION - (FIRST STEPS)
72	\$6,200.00	BOEHRINGER INGELHEIM PHARM	Wadland, William	FAMILY MEDICINE	COORDINATING INVESTIGATOR AGREEMENT (SERVICES TO BIPI TRIAL 205.447)
73	\$156,194.00	MI DEPT COMMUNITY HEALTH	Holmes, Denise	HUMAN MED DEAN	REDUCING DISPARITIES IN THE PRACTICE SITE
74	\$80,500.00	HEMOPHILIA FOUNDATION OF MICHIGAN	PENNER,JOHN A	MEDICINE	MSU CENTER FOR BLEEDING AND CLOTTING DISORDERS / CDC PREVENTION
75	\$637,454.00	NATL INST OF HEALTH - NIH/PHS	Luke, Barbara	OB GYN & REPR BIO	ASSISTED REPRODUCTIVE TECHNOLOGY AND THE RISK OF CHILDHOOD CANCER
76	\$33,045.00	NEW YORK STATE DEPARTMENT OF HEALTH	Luke, Barbara	OB GYN & REPR BIO	INFERTILITY TREATMENT, CHILD GROWTH AND DEVELOPMENT THROUGH AGE THREE YEARS
77	\$50,000.00	MI DEPT COMMUNITY HEALTH	Netzloff, Michael	PED AND HUM DEV	FY2010-2011 PEDIATRICS GENETIC FEE FOR SERVICE
78	\$321,005.35	NATL INST OF HEALTH - NIH/PHS	Basson, Marc	SURGERY	PRESSURE STIMULATED CELL ADHESION
79	\$263,504.72	NATL INST OF HEALTH - NIH/PHS	Basson, Marc	SURGERY	REGULATION OF FAK PROTEIN IN MUCOSAL HEALING

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<b>LYMAN BRIGGS COLLEGE</b>					
80	\$42,136.00	NATL AERONAUTICS AND SPACE ADM	Oshea, Brian	LYMAN BRIGGS DEAN	THE ASTROPHYSICS OF GALAXY CLUSTERS: THE EFFECT OF NONTHERMAL BARYONIC PROCESSES ON CLUSTER OBSERVABLES
<b>COLLEGE OF NATURAL SCIENCE</b>					
81	\$185,165.29	NATL INST OF HEALTH - NIH/PHS	Atshaves, Barbara	BIOCEM&MOLC BIO NS	LIPID DROPLET DOMAINS FOSTER LIPID STORAGE
82	\$171,859.00	NATL SCIENCE FOUNDATION	Burton, Zachary	BIOCEM&MOLC BIO NS	ACTIVE SITE DEHYDRATION IN CATALYSIS BY RNA POLYMERASE
83	\$1,451,717.00	KENTUCKY UNIV OF	Della Penna, Dean	BIOCEM&MOLC BIO NS	ADVANCING DRUG DEVELOPMENT FROM MEDICINAL PLANTS USING TRANSCRIPTOMICS AND METABOLOMICS
84	\$179,089.00	NATL SCIENCE FOUNDATION	Kuo, Min	BIOCEM&MOLC BIO NS	HISTONES AND CELL DIVISION CONTROL
85	\$1,144,797.00	NATL SCIENCE FOUNDATION	Last, Robert	BIOCEM&MOLC BIO NS	GEPR: BUILDING AND OPERATING CHEMICAL FACTORIES: COMPARATIVE STUDIES OF BIOCHEMICAL PATHWAYS FOR DEFENSE COMPOUNDS IN THE SOLANUM
86	\$145,554.00	NATL SCIENCE FOUNDATION	Yan, Honggao	BIOCEM&MOLC BIO NS	INTEGRATED EXPERIMENTAL AND COMPUTATIONAL STUDIES OF 1-DEOXY-D-XYLULOSE 5-PHOSPHATE REDUCTOISOMERASE
87	\$166,191.00	NATL INST OF HEALTH - NIH/PHS	Dantus, Marcos	CHEMISTRY	IMPROVING MULTIPHOTON IMAGING WITH SHAPED ULTRASHORT LASER PULSES
88	\$188,865.00	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
89	\$50,000.00	MERCK SHARP & DOHME	Smith, Milton	CHEMISTRY	LKR#76218 - DEVELOP A METHODOLOGY FOR ACCESSING OXYDATIVELY-MODIFIED PHARMACEUTICALLY USEFUL MOLECULES
90	\$333,619.00	NATL INST OF HEALTH - NIH/PHS	Xi, Zhiyong	ENTOMOLOGY	ENDOSYMBIONT, ARBOVIRUS AND MOSQUITO INTERACTIONS AND THE DISEASE CONTROL
91	\$65,000.00	THE UNIVERSITY OF QUEENSLAND	Xi, Zhiyong	ENTOMOLOGY	MODIFYING MOSQUITO POPULATION AGE STRUCTURE TO ELIMINATE DENGUE TRANSMISSION
92	\$39,607.57	USDA - AGRI RESEARCH SERV US DEPT AGR	Sears, Barbara	GENETICS PROGRAM	ACQUISITION OF GOODS AND SERVICES

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93	\$526,537.00	NATL SCIENCE FOUNDATION	Getty, Thomas	KELLOGG BIO STAT	NEW GK-12: USING THE STEM DIMENSIONS OF BIOENERGY SUSTAINABILITY TO BRING LEADING-EDGE GRADUATE RESEARCH TO K-12 LEARNING SETTINGS
94	\$40,305.00	NAVAL RESEARCH US OFFICE OF USDN	Bao, Gang	MATHEMATICS	INVERSE SCATTERING PROBLEMS IN ELECTROMAGNETICS
95	\$15,000.00	NAVAL RESEARCH US OFFICE OF USDN	Bao, Gang	MATHEMATICS	INVERSE SCATTERING PROBLEMS IN ELECTROMAGNETICS
96	\$103,914.00	NATL SCIENCE FOUNDATION	Wang, Yang	MATHEMATICS	ALGEBRAIC K-THEORY AND EQUIVARIANT HOMOTOPY THEORY
97	\$148,770.00	NATL INST OF HEALTH - NIH/PHS	Kim, Sung	MICRO&MOLEC GEN NS	NATURAL KILLER CELL GENETICS AND CANCER
98	\$999,345.00	COUNCIL ON ANTHROPOLOGY AND EDUCATION	Manning, Shannon	MICRO&MOLEC GEN NS	HOST, GENETIC, MICROBIAL, AND ENVIRONMENTAL FACTORS ASSOCIATED WITH SHIGA TOXIN-PRODUCING ESCHERICHIA COLI (STEC) SHEDDING
99	\$693,070.00	MICHIGAN UNIVERSITY OF	SCHMIDT, THOMAS M.	MICRO&MOLEC GEN NS	THE ROLE OF THE GUT MICROBIOTA IN ULCERATIVE COLITIS
100	\$322,849.00	NATL INST OF HEALTH - NIH/PHS	Breedlove, Stephen	NEUROSCIENCE PR	HORMONAL EFFECTS ON BEHAVIOR AND SPINAL CORD MORPHOLOGY
101	\$57,739.00	SPACE TELESCOPE SCIENCE INSTITUTE	Donahue, Megan	PHYSICS-ASTRONOMY	THROUGH A LENS, DARKLY - NEW CONSTRAINTS ON THE FUNDAMENTAL COMPONENTS OF THE COSMOS
102	\$95,755.00	COLUMBIA UNIVERSITY	Pope, Bernard	PHYSICS-ASTRONOMY	M & O FOR ATLAS T/DAQ AND TILECAL
103	\$28,072.00	NATL SCIENCE FOUNDATION	BUELL, CAROL R	PLANT BIOLOGY	GENERATION OF POTATO SEQUENCE AND ANNOTATION RESOURCES
104	\$300,000.00	NATL SCIENCE FOUNDATION	Farre, Eva	PLANT BIOLOGY	CAREER: DETERMINING THE MOLECULAR MECHANISMS OF THE ARABIDOPSIS CIRCADIAN CLOCK: THE ROLE OF THE PSEUDO-RESPONSE REGULATORS
105	\$23,000.00	MELLON THE ANDREW W. FOUNDATION	Prather, Larry	PLANT BIOLOGY	DIGITIZATION OF THE MSU HERBARIUM TYPE COLLECTION
106	\$7,500.00	USDA - FOREST SERVICE	Telewski, Frank	PLANT BIOLOGY	DEVELOPING AN EARLY DETECTOR OF FOREST RESPONSES TO CLIMATE CHANGE
107	\$15,000.00	NATL SCIENCE FOUNDATION	Boughman, Janette	ZOOLOGY	NSC CAREER: MAPPING SEXUAL ISOLATION AND SEXUAL SELECTION IN NATURE FOR A MODEL VERTEBRATE

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108	\$121,471.00	US GEOLOGICAL SURVEY	Stevenson, Robert	ZOOLOGY NSC	THE DEVELOPMENT AND TESTING OF ALGAL METRICS FOR THE NATIONAL WATER QUALITY ASSESSMENT PROGRAM
<b>COLLEGE OF NURSING</b>					
109	\$71,815.00	MICHIGAN UNIVERSITY OF	Wyatt, Gwen	COLLEGE OF NURSING	ACUPRESSURE FOR PERSISTENT CANCER RELATED FATIGUE
<b>COLLEGE OF OSTEOPATHIC MEDICINE</b>					
110	\$76,000.00	NATL INST OF HEALTH - NIH/PHS	Koslowsky, Donna	MICRO&MOLEC GEN OM	DEEP SEQUENCE PROFILING OF GRNA TRANSCRIPTOMES IN TWO STAGES OF TRYPANOSOMA BRUCEI
111	\$133,211.00	NATL INST OF HEALTH - NIH/PHS	JACKSON, WILLIAM F	PHARM TOXICOL COM	MICROCIRCULATION IN AGING SKELETAL MUSCLE
112	\$94,665.60	TAKEDA PHARMACEUTICALS NORTH AMERICA, INC.	Watts, Stephanie	PHARM TOXICOL COM	THE ROLE OF XANTHINE OXIDASE IN MINERALOCORTICOID HYPERTENSION
<b>COLLEGE OF SOCIAL SCIENCE</b>					
113	\$43,082.00	MICHIGAN UNIVERSITY OF	Bynum, Timothy	CRIMINAL JUSTICE	DIRECTOR OF NATIONAL ARCHIVE OF CRIMINAL JUSTICE DATA
114	\$400,000.00	HOMELAND SECURITY US DEPT OF	Carter, David	CRIMINAL JUSTICE	CONTINUATION FUNDING FOR INTELLIGENCE TRAINING BY MICHIGAN STATE UNIVERSITY
115	\$51,332.00	AMES LABORATORY	Smith, Ruth	CRIMINAL JUSTICE	APPLICATION OF MULTIVARIATE STATISTICAL PROCEDURES IN FIRE DEBRIS ANALYSIS: INVESTIGATING MATRIX INTERFERENCE EFFECTS AND WEATHERING OF IGNITABLE LIQUIDS ON ASSOCIATION OF IGNITABLE LIQUID RESIDUES TO NEAT IGNITABLE LIQUIDS
116	\$86,787.00	NATL SCIENCE FOUNDATION	Zhong, Shiyuan	GEOGRAPHY	COLLABORATIVE RESEARCH: PERSISTENT WINTERTIME TEMPERATURE INVERSIONS IN THE SALT LAKE BASIN
117	\$20,687.00	ARIZONA UNIVERSITY OF	Villarruel, Francisc	HUM DEV FAM STD	MULTI-DISCIPLINARY PARTNERSHIPS FOR STRENGTHENING CHILD-CARE & YOUTH DEVELOPMENT
118	\$49,900.00	ALFRED P. SLOAN FOUNDATION	Berg, Peter	HUM RES LABOR REL	THE IMPACT OF WORKING -TIME CONFIGURATIONS IN COMPARATIVE PERSPECTIVE
119	\$159,771.00	MI DEPT COMMUNITY HEALTH	Hembroff, Larry	INST POL/SOC RSCH	MI PREGNANCY RISK ASSESSMENT MONITORING SURVEY

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120	\$58,497.00	MI DEPT COMMUNITY HEALTH	Hembroff, Larry	INST POL/SOC RSCH	MICHIGAN BEHAVIORAL RISK FACTOR SURVEY
121	\$54,943.00	MI STATE POLICE	Martini, Audrey	OFF CAMPUS CR S S	STAFF AND COMMAND
122	\$22,822.00	MI STATE POLICE	Martini, Audrey	OFF CAMPUS CR S S	FIRST LINE SUPERVISION
123	\$362,243.00	MI DEPT COMMUNITY HEALTH	Campbell, Rebecca	PSYCHOLOGY SSC	SEXUAL ASSAULT RESOURCE ANALYSIS (SARA) PROJECT
124	\$165,398.00	INGHAM COUNTY	Davidson, William	PSYCHOLOGY SSC	INGHAM COUNTY ADOLESCENT DIVERSION PROJECT
125	\$467,312.00	ALVAREZ & ASSOCIATES, LLC	Foster-Fishman, Penn	PSYCHOLOGY SSC	EVALUATE THE IMPACT OF CADCA'S COALITION TRAINING IN LIMA, PERU
126	\$154,147.00	GEORGIA INSTITUTE OF TECHNOLOGY	Hambrick, David	PSYCHOLOGY SSC	UNDERSTANDING THE ROLE OF WORKING MEMORY CAPACITY IN COMPLEX TASK PERFORMANCE TO IMPROVE SAILOR AND MARINE SELECTION, CAL
127	\$24,500.00	COLLEGE BOARD THE	Schmitt, Neal	PSYCHOLOGY SSC	MODELING UNDERGRADUATE PERFORMANCE TRAJECTORIES WITH COGNITIVE AND NONCOGNITIVE PREDICTORS
128	\$141,791.00	LOYOLA UNIVERSITY CHICAGO	Sisk, Cheryl	PSYCHOLOGY SSC	MECHANISMS OF SEXUALLY DIFFERENTIATED BRAIN REMODELING DURING ADOLESCENCE
129	\$200,000.00	NATL SCIENCE FOUNDATION	Smale, Laura	PSYCHOLOGY SSC	CHRONOTYPE DIFFERENCES IN THE ACUTE BEHAVIORAL RESPONSES TO LIGHT AND DARKNESS AND THEIR NEURAL SUBSTRATES.
130	\$130,000.00	NATL SCIENCE FOUNDATION	WADE, JULI S.	PSYCHOLOGY SSC	NEUROENDOCRINE REGULATION OF BEHAVIORAL DIFFERENCES
131	\$118,553.00	STATE UNIVERSITY OF NEW YORK	ANDERSON, GARY R	SOCIAL WORK	CHILD WELFARE TRAINING: NATIONAL CHILD WELFARE WORKFORCE INITIATIVES
132	\$46,167.00	INGHAM COUNTY	Kozakiewicz, Joseph	SOCIAL WORK	SAFE HAVENS: SUPERVISED VISITATION AND SAFE EXCHANGE PROGRAM
<b>COLLEGE OF VETERINARY MEDICINE</b>					
133	\$50,000.00	USDA - AGRICULTURE U.S. DEPT. OF - ES	Bolin, Carole	DIAG CTR ANML HLTH	NAHLN-MI

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134	\$338,580.00	NATL INST OF HEALTH - NIH/PHS	MEEK, KATHERYN DIANE	PTH & DIAG INVEST	DEFINING RELEVANT TARGETS OF DNA DEPENDENT PROTEIN KINASE
135	\$113,449.00	CANINE HEALTH FOUNDATION	Stanley, Bryden	SM ANML CLIN SCI	CHARACTERIZATION OF GERIATRIC ONSET LARYNGEAL PARALYSIS POLYNEUROPATHY IN LABRADOR RETRIEVERS
136	\$16,531.53	USDA - AGRICULTURE RESEARCH SERVICE US DEPT AGR	Yuzbasiyan-Gurkan, V	VET MED DEAN	SALARY AND BENEFITS FOR GRADUATE ASSISTANTSHIP, SPRING AND SUMMER 2011
<b>VICE PROVOST LIBRARIES COMPUTING &amp; TECHNOLOGY</b>					
137	\$1,069,855.00	CORPORATION FOR PUBLIC BROADCASTING	Hamilton, Deanne	BROADCASTING SERV	AUGMENT THE PUBLIC SERVICES OF WKAR-TV
138	\$258,290.00	CORPORATION FOR PUBLIC BROADCASTING	Hamilton, Deanne	BROADCASTING SERV	AUGMENT THE PUBLIC SERVICES OF WKAR-FM
139	\$20,621.00	CORPORATION FOR PUBLIC BROADCASTING	Hamilton, Deanne	BROADCASTING SERV	AUGMENT INTERCONNECTION AND/OR PROGRAM DISTRIBUTION COSTS FOR WKAR-TV
140	\$538,843.00	CORPORATION FOR PUBLIC BROADCASTING	HAMILTON, DEANNE MICHELE	BROADCASTING SERV	ASSISTANCE TO PURCHASE AND INSTALL DIGITAL TRANSMISSION EQUIPMENT TO COMPLETE WKAR DTV FACILITIES
<b>NAT'L SUPERCONDUCTING CYCLOTRON LABORATORY</b>					
141	\$5,000,000.00	ENERGY US DEPT OF	Glasmacher, Thomas	NATL CYCLOTRON LAB	FACILITY FOR RARE ISOTOPE BEAMS (FRIB)
142	\$252,256.00	ENERGY US DEPT OF	MANTICA, PAUL FRANC	NATL CYCLOTRON LAB	ACS SUMMER SCHOOL
<b>ASC PROV FOR UNIV OUTREACH &amp; ENGAGEMENT</b>					
143	\$60,707.00	ECU, LLC	Coursaris, Constanti	UARC	DESIGN CONSIDERATIONS AND USABILITY EVALUATION OF A MOBILE WEB APP FOR COUPON-BASED PROMOTIONS ON SMARTPHONES
144	\$80,147.00	MICHIGAN UNIVERSITY OF	Fitzgerald, Hiram	UN OUTRCH ENG- ADM	FAMILY STUDY OF RISK FOR ALCOHOLISM OVER THE LIFE COURSE
<b>INTERNATIONAL STUDIES AND PROGRAMS</b>					
145	\$400,000.00	HEWLETT FOUNDATION - WILLIAM & FLORA	Howard, Julie	INTNL CTRS & INST	HEWLETT INSTITUTIONAL GRANT-SUPPORT FOR 2011-2012

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146	\$20,045.97	USDA - FOREIGN AG SER	Howard, Julie	INTNL CTRS & INST	AFRICAN LEADERS PARTICIPATION IN THE PARTNERSHIP TO CUT HUNGER AND POVERTY IN AFRICA SEMINAR AND THE 2010 NORMAN E. BORLAUG INTERNATIONAL SYMPOSIUM
<b>MICHIGAN AGRICULTURAL EXPERIMENT STATION</b>					
147	\$48,065.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Lupi, Frank	AGRIC ECON MAES	A STATEWIDE SURVEY OF MICHIGAN'S LICENSED ANGLERS
148	\$99,810.00	US DEPT AGRICULTURE	Peterson, H	AGRIC ECON MAES	ASSISTING MICHIGAN RESIDENCE WITH BUSINESS DEVELOPMENT
149	\$85,000.00	USDA - AGRICULTURE U.S. DEPT. OF - ES	Thornsbury, Suzanne	AGRIC ECON MAES	TRANSDISCIPLINARY RESEARCH: DEFINING THE RESEARCH PROBLEM
150	\$40,000.00	MINNESOTA UNIV OF	Wolf, Christopher	AGRIC ECON MAES	NATIONAL FARM MANAGEMENT BENCHMARKING CENTER/ UNIVERSITY OF MINNESOTA
151	\$46,140.00	COMMUNITY HEALTH CTR OF BRANCH COUNTY	Marks, Bradley	BIOSYSTEMS AG ENGR	QUANTIFYING THE THERMAL INACTIVATION KINETICS OF SALMONELLA SPP. ON LOW-MOISTURE PROTEIN MEAL SUBJECTED TO MOIST-HEAT PASTEURIZATION.
152	\$1,165,138.00	USDA - AGRICULTURE U.S. DEPT. OF - ES	Douches, David	CROP & SOIL SC AES	TRANSLATING SOLANACEAE SEQUENCE DIVERSITY AND TRAIT VARIATION INTO APPLIED OUTCOMES THROUGH INTEGRATIVE RESEARCH, EDUCATION AND EXTENSION
153	\$2,500,000.00	KELLOGG W K FOUNDATION	Hamm, Michael	CROP & SOIL SC AES	IMPLEMENTING THE MICHIGAN GOOD FOOD CHARTER
154	\$53,345.00	IOWA STATE UNIVERSITY	Kelly, James	CROP & SOIL SC AES	ENHANCING BIOLOGICAL NITROGEN FIXATION [BNF] OF LEGUMINOUS CROPS GROWN ON DEGRADED SOILS IN UGANDA, RWANDA AND TANZANIA
155	\$33,557.00	USDA - AGRI RESEARCH SERV US DEPT AGR	Kelly, James	CROP & SOIL SC AES	IDENTIFICATION OF QTL FOR WHITE MOLD RESISTANCE IN PINTO BEAN
156	\$980,000.00	NATL SCIENCE FOUNDATION	Robertson, G	CROP & SOIL SC AES	THE KBS LTER PROJECT: LONG TERM ECOLOGICAL RESEARCH IN ROW-CROP AGRICULTURE
157	\$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
158	\$9,988.00	NORTH CENTRAL INTEGRATED PEST MANAGEMENT	Landis, Joy	ENTOMOLOGY AES	DEVELOPMENT OF AN ON-LINE RESOURCE AND TEACHING TOOLS FOR IDENTIFYING WEEDS IN FIELD CROPS

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159	\$76,965.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Bremigan, Mary	FISH & WILDLF AES ASSESSING THE EFFECTS OF SPRING FISHING REGULATIONS ON REPRODUCTIVE DYNAMICS AND POPULATION DEMOGRAPHICS OF BLACK BASS I
160	\$233,546.00	ARMY US DEPT OF	BRUGGEMAN, DOUGLAS	FISH & WILDLF AES DEVELOPMENT OF HABITAT TRADING PROGRAMS FOR MILITARY INSTALLATIONS AND THEIR NEIGHBORS THROUGH ADAPTIVE MANAGEMENT
161	\$35,248.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Hayes, Daniel	FISH & WILDLF AES DESIGN, ANALYSIS AND IMPLEMENTATION OF AQUATIC RESOURCE INVENTORY IN MICHIGAN
162	\$117,260.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Scribner, Kim	FISH & WILDLF AES LANDSCAPE GENETIC ANALYSIS OF HARVEST INTENSITY, LAND-COVER AND LAND-USE FEATURES AFFECTING BLACK BEAR MOVEMENTS, ABUNDANCE, AND SOURCE-SINK DYNAMICS IN MICHIGAN'S LOWER PENINSULA
163	\$82,685.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Scribner, Kim	FISH & WILDLF AES LAKE STURGEON ACIPENSER FLAVESCENT POPULATION STATUS IN THE CHEBOYGAN RIVER WATERSHED LAKES, MICHIGAN
164	\$199,739.00	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Rothstein, David	FORESTRY AES CARBON SEQUESTRATION AND GREENHOUSE GAS EMISSIONS ASSOCIATED WITH SHORT-ROTATION WOODY BIOMASS PRODUCTION IN THE UPPER GREAT LAKES REGION
165	\$32,000.00	ASIA PACIFIC NETWORK	Skole, David	FORESTRY AES DEVELOPING AN MRV SYSTEM FOR REDD+: SCALING UP FROM PROJECT LEVEL TO A NATIONAL LEVEL REDD + MRV SYSTEMS FOR LAOS AND VIETNAM
166	\$46,596.00	USDA - AGRI RESEARCH SERV US DEPT AGR	Hancock, James	HORTICULTURE MAES GENERATING GENOMIC TOOLS FOR INDUSTRY
167	\$567,611.00	USDA - AGRICULTURE U.S. DEPT. OF - ES	Iezzoni, Amy	HORTICULTURE MAES ROSBREED: ENABLING MARKER ASSISTED BREEDING IN ROSACEAE
168	\$149,975.00	US DEPT AGRICULTURE	Grooms, Daniel	LG AN CLIN SCI AES GLOBALIZATION OF FOOD SYSTEMS TRAINING PROGRAMS FOR VETERINARY STUDENTS
169	\$21,000.00	NATL SCIENCE FOUNDATION	Lau, Jennifer	PLANT BIOLOGY AES THE COMMUNITY CONTEXT OF GENOTYPE-BY-GENOTYPE INTERACTIONS: IMPLICATIONS FOR BIOLOGICAL INVASIONS
170	\$130,732.00	USDA - AGRI RESEARCH SERV US DEPT AGR	Hausbeck, Mary	PLANT PATHOLOGY EMPLOYING NEW TOOLS TO DETECT AND LIMIT PHYTOPHTHORA ROOT ROT, DOWNY MILDEW, AND OTHER KEY PATHOGENS OF FLORAL CROPS.
171	\$86,538.00	NORTH CAROLINA UNIV OF	Hausbeck, Mary	PLANT PATHOLOGY IPM PIPE & INNOVATIVE DISEASE DIAGNOSTIC TOOLS FOR ONION GROWERS

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172	\$10,000.00	MICH GRAPE & WINE INDUSTRY COUNCIL	Zabadal, Thomas	SW MI RES EXT CTR	REDUCTION OF CLUSTER COMPACTNESS IN WINE GRAPES
<b>MICHIGAN STATE UNIVERSITY EXTENSION</b>					
173	\$6,325.00	NESTLE PREPARED FOODS COMPANY	Partridge, John	ANIMAL SCIENCE CES	TESTING SERVICES AGREEMENT BETWEEN MICHIGAN STATE UNIVERSITY AND NESTLÉ PREPARED FOODS COMPANY
174	\$234,300.00	MICHIGAN DEPARTMENT OF AGRICULTURE	Powers-Schilling, We	BIOSYSTEMS AG ENGR	MICHIGAN WATER STEWARDSHIP PROGRAM EDUCATIONAL PROGRAM AND ENVIRONMENTAL ASSESSMENT TOOL DEVELOPMENT
175	\$50,000.00	USDA - NATIONAL INSTITUTE OF FOOD AND AGRICULTURE	Powers-Schilling, We	BIOSYSTEMS AG ENGR	PLANNING GRANT: A REGIONAL APPROACH TO CLIMATE CHANGE PLANNING FOR DAIRY AND BEEF PRODUCTION SYSTEMS
176	\$115,758.00	CENTER FOR COMMUNITY PROGRESS	Ivan, David	CENTRAL REGION	ADDRESSING ACUTE AND CHRONIC MUNICIPAL FISCAL STRESS: IDENTIFICATION, MEASUREMENT AND ALLEVIATION STRATEGIES
177	\$331,015.00	MICHIGAN UNIVERSITY OF	Pistis, Charles	FISH & WILDLF CES	MICHIGAN SEA GRANT EXTENSION
178	\$30,000.00	MICHIGAN UNIVERSITY OF	Pistis, Charles	FISH & WILDLF CES	ENHANCING SEA GRANT'S ABILITY TO HELP COASTAL COMMUNITIES ADAPT TO CLIMATE CHANGE
179	\$19,550.00	MICHIGAN UNIVERSITY OF	Pistis, Charles	FISH & WILDLF CES	SHIP TIME SUPPORT FY 10: LAKE MICHIGAN MULTI-BEAMS MAPPING BOTULISM BENTHIC RESEARCH
180	\$13,180.00	MICHIGAN UNIVERSITY OF	Pistis, Charles	FISH & WILDLF CES	EXTENSION AGENT, GLERL/GREAT LAKES SEA GRANT NETWORK
181	\$29,978.00	NORTH CENTRAL INTEGRATED PEST MANAGEMENT	Lang, Gregory	HORTICULTURE MSUE	GREAT LAKES FRUIT IPM WORKING GROUP
182	\$20,653.00	MICH GRAPE & WINE INDUSTRY COUNCIL	Sabbatini, Paolo	HORTICULTURE MSUE	EARLY LEAF REMOVAL TO IMPROVE CROP CONTROL, CLUSTER MORPHOLOGY, AND BERRY QUALITY IN VINIFERA GRAPES.
183	\$20,302.00	MICH GRAPE & WINE INDUSTRY COUNCIL	Sabbatini, Paolo	HORTICULTURE MSUE	ACHIEVING VINE BALANCE: INFLUENCE OF CLIMATE, CULTIVAR, AND VITICULTURE PRACTICES ON FRUIT QUALITY.
184	\$34,606.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Badra, Peter	NAT FEATURES INVEN	PROVIDING CONSERVATION INFORMATION, EDUCATIONAL PRODUCTS, AND A RESEARCH TOOL FOR THE MOST AT-RISK AQUATIC ANIMAL TAXA IN MICHIGAN
185	\$63,580.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Cohen, Joshua	NAT FEATURES INVEN	NATURAL FEATURES COMPARTMENT REVIEW OF STATE FOREST MANAGEMENT

## GIFT, GRANT AND CONTRACT REPORT

## BOARD OF TRUSTEES

APRIL 2011

<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>
186	\$60,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Cohen, Joshua	NAT FEATURES INVEN SURVEY OF KNOWN NATURAL COMMUNITY ELEMENT OCCURENCES ON STATE PARK AND RECREATION AREA LANDS
187	\$33,684.00	WESTERN ECOSYSTEMS TECHNOLOGY INC	GEHRING, JOELLE LYNN	NAT FEATURES INVEN WILDLIFE BASELINE STUDY FOR THE MANISTEE; MI WIND POWER PROJECT
188	\$115,199.00	NATL FISH & WILDLIFE FOUNDATION	Higman, Phyllis	NAT FEATURES INVEN EARLY DETECTION AND TREATMENT OF GREAT LAKES PHRAGMITES
189	\$100,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Higman, Phyllis	NAT FEATURES INVEN MOUNTING A RAPID RESPONSE TO INVASIVE PLANTS
190	\$100,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Higman, Phyllis	NAT FEATURES INVEN GRATIOT-SAGINAW SGA INVASIVE PLANT INVENTORY AND PLANNING
191	\$45,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Higman, Phyllis	NAT FEATURES INVEN CIG ENHANCING INCENTIVES FOR GRASSLAND BIRDS - YEAR 3
192	\$15,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Higman, Phyllis	NAT FEATURES INVEN SHIAWASSEE INVASIVE SPECIES MONITORING
193	\$331,776.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Klatt, Brian	NAT FEATURES INVEN CONSULTATION, ENVIRONMENTAL REVIEW, ADMIN AND DATABASE MANAGEMENT (CEAD)
194	\$100,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Klatt, Brian	NAT FEATURES INVEN SOUTHERN MICHIGAN DNR LANDS INTEGRATED INVENTORY PROJECT
195	\$80,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Klatt, Brian	NAT FEATURES INVEN INVASIVE PLANT FRAMEWORK IMPLEMENTATION - YEAR 3
196	\$67,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Klatt, Brian	NAT FEATURES INVEN SYSTEMATIC EVALUATION OF AN ASSISTANCE IN DEVELOPING THE DNR BIODIVERSITY PLANNING PROCESS AND PROPOSED NETWORK OF BIODIVERSITY STEWARDSHIP AREAS
197	\$10,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Klatt, Brian	NAT FEATURES INVEN ASSISTANCE TO THE DNR LANDOWNER INCENTIVE PROGRAM
198	\$50,600.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Monfils, Michael	NAT FEATURES INVEN EVALUATING THE SUCCESS OF WETLAND MANAGEMENT ON MICHIGAN WILDLIFE AREAS IN ACHIEVING DESIRED OUTCOMES
199	\$28,500.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Monfils, Michael	NAT FEATURES INVEN ASSESSMENT OF SHOREBIRD USE AND HABITAT ON THE RIVER RAISIN DELTA
200	\$18,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Monfils, Michael	NAT FEATURES INVEN COMPARING COARSE WOODY DEBRIS OF MANAGED AND UNMANAGED NORTHERN MICHIGAN FORESTS BY SIZE AND DECAY CLASS

GIFT, GRANT AND CONTRACT REPORT

BOARD OF TRUSTEES

APRIL 2011

<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>	
201	\$44,570.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Paskus, John	NAT FEATURES INVEN	PRIVATE LANDS ASSISTANCE - INCREASING THE CAPACITY OF LOCAL UNITS OF GOVERNMENT TO SUPPORT WILDLIFE CONSERVATION
202	\$60,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Penskar, Michael	NAT FEATURES INVEN	RARE SPECIES EXPLORER UPDATE
203	\$66,667.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Slaughter, Bradford	NAT FEATURES INVEN	OAK SAVANNA, PINE BARRENS, AND JACK PINE FOREST RESTORATION IN MICHIGAN AND OHIO FOR SPECIES OF GREATEST CONSERVATION NEED
204	\$50,000.00	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	Slaughter, Bradford	NAT FEATURES INVEN	PRAIRIE FEN AND ASSOCIATED SAVANNA RESTORATION IN MICHIGAN AND INDIANA FOR SPECIES OF GREATEST CONSERVATION NEED
<b>VICE PRES RESEARCH AND GRADUATE STUDIES</b>					
205	\$3,000,000.00	LAKESHORE ADVANTAGE	Hunt, Paul	ASC VP RESEARCH	RETENTION OF PFIZER ASSETS IN HOLLAND, MI: PART II -- 2011 CONTINUATION
<b>VICE PRES FOR STUDENT AFFAIRS AND SERVICES</b>					
206	\$205,898.00	MI DEPT COMMUNITY HEALTH	Collins-Eaglin, Jan	COUNSELING CENTER	MSU SEXUAL ASSAULT PROGRAM
<b>UNIVERSITY ADVANCEMENT</b>					
207	\$26,169,523.05	VARIOUS DONORS	VARIOUS PROJ LEADERS	ASC VP UNIV DEVEL	VARIOUS DONORS TO UNIVERSITY DEVELOPMENT FOR OCTOBER 2010 THROUGH DECEMBER 2010
<b>V.P. FINANCE AND OPERATIONS AND TREASURER</b>					
208	\$338,167.13	VARIOUS DONORS	Poston, Freddie	MSU FOUNDATION	QUARTERLY GIFT / GRANT TRANSFERS
<b>GENERAL UNIVERSITY ITEMS</b>					
209	\$5,177.00	EAST LANSING CITY OF	Rosen, Holly	DOMESTIC SHELTER	SHELTER AND SUPPORT SERVICES FOR SURVIVORS OF DOMESTIC VIOLENCE AND STALKING PROGRAM
<b>Various</b>					
210	\$21,246.00	VARIOUS	Various	Various	5 Consolidated grants with individual values less than \$5,000. Details on file in Contract & Grant Admin., Room 301 Admin. Bldg.

GIFT, GRANT AND CONTRACT REPORT

BOARD OF TRUSTEES

APRIL 2011

<u>AMOUNT</u>	<u>DONOR</u>	<u>DIRECTOR</u>	<u>UNIT</u>	<u>PURPOSE</u>
<u>\$71,893,874.14</u>	TOTAL APRIL 2011 BOARD			

CONSIGNMENT/NON-CASH GIFTS  
BOARD OF TRUSTEES  
April 2011

GIFT NO.	GIFT	DONOR	DEPARTMENT NAME	ESTIMATED VALUE	PURPOSE OR USE
1	154 Ceramic art objects	John A. Sinker	Art & Art History	\$40,000.00	Teaching collection
2	“Screech” 4 year old equine	Dean & Kristy McCann	Large Animal Clinical Sciences	\$20,000.00	Research - Rashmir
3	“Little Man” 7 month old equine	Lisa & Eric Zwirner	Large Animal Clinical Sciences	\$15,000.00	Research - Rashmir
4	“Annie” 10 month old equine	Russell T. Lund	Large Animal Clinical Sciences	\$7,500.00	Research - Rashmir
5	Alvar “Carmen Suite” of 5 lithographs	Dr. Elizabeth A. Bain	College of Music	\$7,250.00	Displays at College of Music
6	Transportation of equipment	B&J Moving & Storage	Athletics	\$5,000.00	Credit received towards the transportation costs of football equipment from MSU to Orlando, Florida for the 2011 Capital One Bowl.
7	“KTP Lagenta” 12 year old equine	Mike & Terry Budd	Large Animal Clinical Sciences	\$5,000.00	Research & blood donation. - Nickels
8-74	Various	Various	Various	\$78,137.64	67 Consolidated non-cash gifts for individual values less than \$5,000 details on file in the Contract & Grant Admin Room 301 Admin Bldg.
			<b>TOTAL NON-CASH GIFTS &amp; LOANS</b>	<b>\$ 177,887.64</b>	