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2010 Annual Report

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EASTERN
MICHIGAN UNIVERSITY

Office of Research Development

2010
Annual Report
Research
Leads the Way



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From the Associate Provost & Associate Vice President for Research

This has been a record-setting year for Eastern Michigan University (EMU) as the volume of scholarly and creative efforts by Eastern's faculty and students continues to grow. In last year's 2009 Annual Report, I noted that EMU had established a new record in federal grant awards, for a new benchmark of \$9.87M. This year, we are pleased to report that EMU has again established new all-time highs in external funding: receipt of federal grant awards in FY10 totaled \$12.98M, with overall grant and contract awards surpassing \$16M. I offer my genuine congratulations to everyone, faculty and staff alike, for not only this past year's accomplishments, but their ongoing efforts to build the intellectual environment at the University.

Success in external funding is only one component of an overall academic enterprise designed to maximize opportunities for scholarly and artistic pursuits among our faculty and students. This report summarizes an impressive array of activities in which our faculty and students are engaged, ranging from artistic expression, to the scholarship of teaching and learning, to community engagement and through traditional research. These activities illustrate the deep commitment that our faculty and students share for their disciplines in pursuit of new knowledge, service, and works of art.

As I have previously noted, one vitally important role of any public university is to serve as a resource for local, state, and federal governmental units and to contribute to economic growth and stability. Thus, as you browse through this report, please pay particular attention to the numerous examples in which the efforts of our faculty, staff, and students have provided regional and statewide benefit. We are excited and proud to be part of building a foundation for the future of Michigan.

As always, the University is particularly indebted to all external organizations--private and public--that have supported the efforts of our faculty and students during the past year. These partnerships are vital to the health of Eastern and its overall learning environment.

In closing, we thank you for your interest in this report and in Eastern Michigan University.

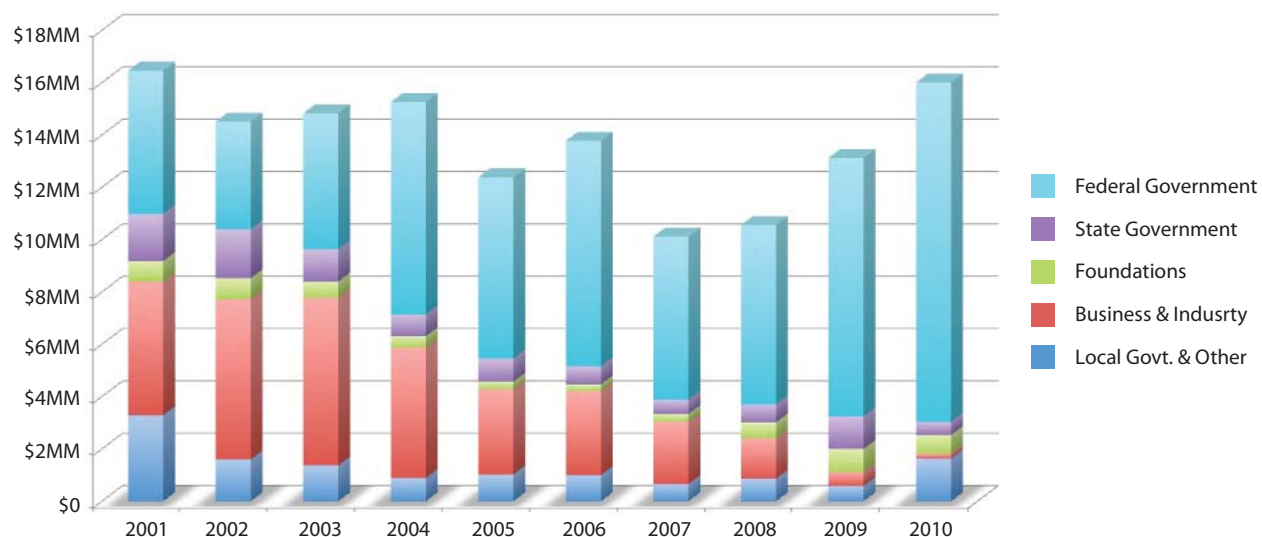
Best wishes,

Robert Neely



Award Statistics

History of Awards by Sponsor Type



History of Awards By Sponsor Type

	2001	2002	2003	2004	2005
Federal Government	\$5,474,726	\$4,105,047	\$5,192,072	\$8,119,343	\$6,930,197
State Government	\$1,801,683	\$1,875,261	\$1,236,508	\$832,260	\$886,165
Foundations	\$780,322	\$808,832	\$618,495	\$449,007	\$289,736
Business & Industry	\$5,116,308	\$6,114,590	\$6,409,395	\$4,973,896	\$3,253,878
Local Govt. & Other	\$3,282,112	\$1,600,449	\$1,365,989	\$884,351	\$1,020,720
Total	\$16,455,151	\$14,504,179	\$14,822,459	\$15,258,857	\$12,380,696

History of Awards By Sponsor Type Continued

	2006	2007	2008	2009	2010
Federal Government	\$8,621,846	\$6,240,433	\$6,855,053	\$9,872,119	\$12,975,163
State Government	\$686,705	\$545,386	\$682,184	\$1,248,213	\$494,689
Foundations	\$258,244	\$292,550	\$603,510	\$878,551	\$717,406
Business & Industry	\$3,210,424	\$2,381,796	\$1,552,091	\$541,259	\$182,413
Local Govt. & Other	\$995,898	\$654,540	\$857,424	\$557,437	\$1,631,391
Total	\$13,773,117	\$10,114,705	\$10,550,262	\$13,117,579	\$16,001,062

Success Rate by Sponsor Type

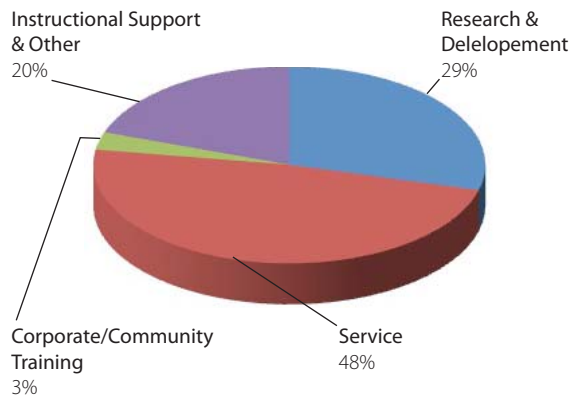
Fiscal Year 2010

	Federal Government	State Government	Foundations	Business & Industry	Local Govt. & Other	Total
Submissions	133	12	18	11	23	197
Awards	68	9	7	7	20	111
Success Rate	51%	75%	39%	64%	87%	56%
Value	\$12,975,163	\$494,689	\$717,406	\$182,413	\$1,631,391	\$16,001,062

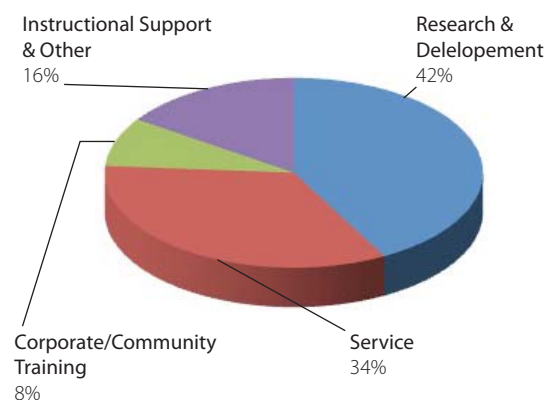
Fiscal Year 2009

	Federal Government	State Government	Foundations	Business & Industry	Local Govt. & Other	Total
Submissions	115	28	21	16	39	219
Awards	51	19	11	17	25	123
Success Rate	44%	68%	52%	106%	64%	56%
Value	\$9,872,119	\$1,248,213	\$878,551	\$541,259	\$577,437	\$13,117,579

Awards by Activity Type: FY2010



Awards by Activity Type: FY2009

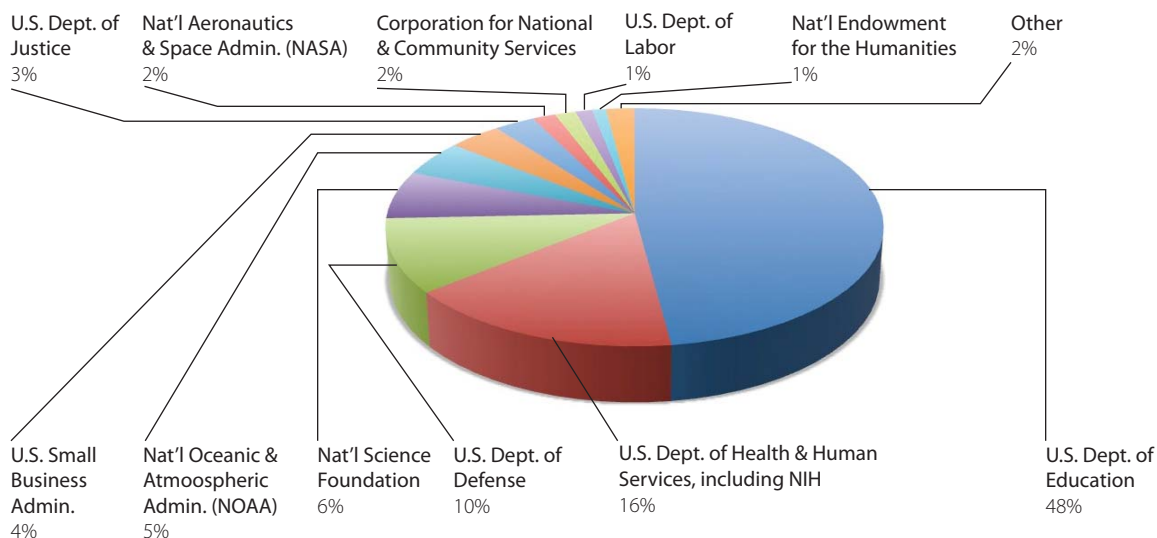


Awards by Activity Type

	FY 2010	FY 2009
Research & Development	\$4,663,747	\$5,520,605
Service	\$7,732,350	\$4,465,264
Corporate/Community Training	\$461,838	\$1,094,641
Instructional Support & Other	\$3,143,127	\$2,037,069
Total	\$16,001,062	\$13,117,579

Award Statistics

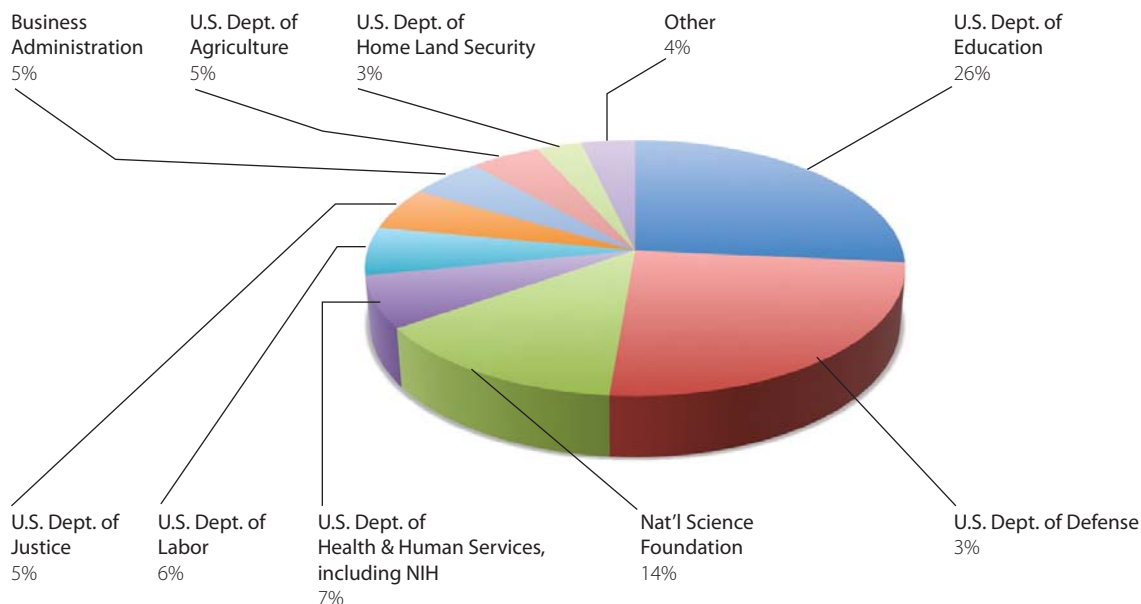
Federal Sponsorship by Agency: FY 2010



Federal Sponsorship by Agency- FY 2010	
U.S. Department of Education	\$6,214,275
U.S. Dept. of Health & Human Services, Including NIH	\$2,119,485
U.S. Department of Defense	\$1,311,241
National Science Foundation	\$840,545
National Oceanic & Atmospheric Administration (NOAA)	\$633,350
U.S. Small Business Administration	\$500,000
U.S. Department of Justice	\$382,000
Corporation for National & Community Service	\$220,779
National Aeronautics & Space Administration (NASA)	\$195,712
National Endowment for the Humanities	\$160,793
U.S. Department of Labor	\$127,417
*Other	\$269,566
Total	\$12,975,163

*Other Award Agencies FY 2010	
U.S. Forest Service	\$79,400
Environmental Protection Agency	\$67,680
U.S. Department of State	\$52,489
U.S. Census Bureau	\$40,000
U.S. Department of Homeland Security	\$29,997
Total	\$269,566

Federal Sponsorship by Agency: FY 2009



Federal Sponsorship by Agency- FY 2009	
U.S. Department of Education	\$2,616,167
U.S. Department of Defense	\$2,453,865
National Science Foundation	\$1,378,735
U.S. Dept. of Health & Human Services, Including NIH	\$651,721
U.S. Department of Labor	\$600,216
U.S. Department of Justice	\$536,609
Small Business Administration	\$500,000
U.S. Department of Agriculture	\$475,130
U.S. Department of Homeland Security	\$300,000
Other*	\$365,676
Total	\$9,878,119

*Other Award Agencies FY 2009	
Corporation for National & Community Service	\$181,200
Corporation for Public Broadcasting	\$162,781
U.S. Fish & Wildlife Service	\$9,995
National Aeronautics & Space Administration	\$9,200
National Endowments for the Humanities	\$2,500
Total	\$365,676

Technology Transfer Summary for FY 2010

Technology Transfer, also known as Technology Commercialization, is the transfer of University-developed innovations into the marketplace for the benefit of the community, general public, and University. Innovation and its dissemination is the first and foremost goal. Revenue generation, through licensing royalties and option agreements, perpetuates the research and technology transfer process. The following is a summary of technology transfer activity at Eastern Michigan University during FY 2010.

Invention Disclosures	6
Patent Applications Filed <i>(provisional and utility combined)</i>	8
International Patent Applications	1

FY 2010 Invention Disclosures

EMU0905.00 Creating Antimicrobial Fabric using Sol-gel/N-Halamine Chemistry

Subhas Ghosh, Textiles Research and Training Institute

Vijay Mannari, Coatings Research Institute

EMU0906.00 Core-shell particle interconversion with di-stimuli-responsive diblock copolymers

John Texter, Coatings Research Institute

EMU0907.00 System or method for shaking a container

Dan Fields, Center for Product Research and Development

In collaboration with industrial sponsor

EMU1001.00 Aqueous Polyurethane/polyurethane-urea dispersions (PUD) with high bio-based content

Vijay Mannari, Coatings Research Institute

EMU1002.00 Radiation curable Aqueous Polyurethane/polyurethane-urea dispersions (PUD) with highbio-based content

Vijay Mannari, Coatings Research Institute

EMU1003.00 Novel inorganic or organic-inorganic-hybrid coatings derived by photo-cure process

Vijay Mannari, Coatings Research Institute

FY 2010 U.S. Provisional Patent Applications Filed

Superprimers for stimuli responsive latexes

John Texter, Coatings Research Institute

Feng Yan, Suzhou University

Carbon nanotube latex dispersions

John Texter, Coatings Research Institute
Markus Antonietti, Max Planck Institute of Colloids and Interfaces

Creating antimicrobial fabrics using sol-gel/N-Halamine chemistry

Subhas Ghosh, Textiles Research and Training Institute
Vijay Mannari, Coatings Research Institute

Core-shell particle interconversion with di-stimuli-responsive diblock copolymers

John Texter, Coatings Research Institute

Aqueous polyurethane polyurethane-urea dispersions (PUD) with high bio-based content

Vijay Mannai, Coatings Research Institute

Novel inorganic or organic-inorganic-hybrid coatings derived by photo-cure process

Vijay Mannari, Coatings Research Institute

FY 2010 U.S. Utility Patent Applications Filed

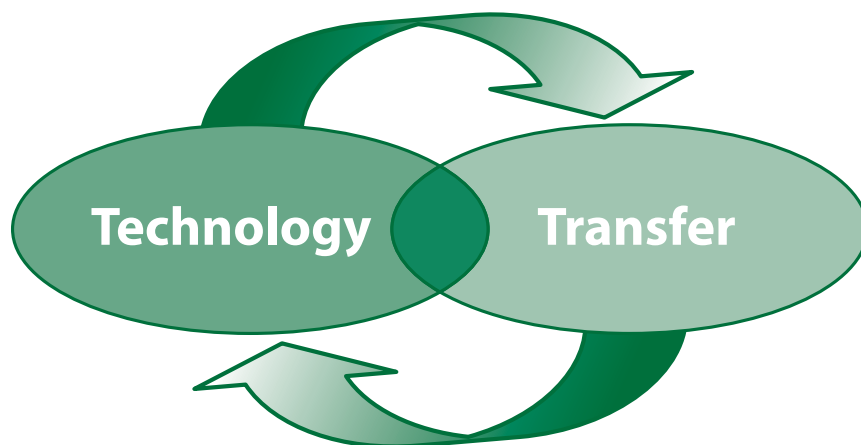
Conventional latex/nanolatex blends

Ravi Joshi, Technology Ph.D. student
Frank Jones, Ph.D. Committee Member
Ted Provder, Ph.D. Committee Member

FY 2010 International Patent Applications Filed

Conventional latex/nanolatex blends

Ravi Joshi, Technology Ph.D. Student
Frank Jones, Ph.D. Committee Member
Ted Provder, Ph.D. Committee Member



"..putting innovation to work"

Proposal & Award Summary by Unit

	Fiscal Year 2010				Fiscal Year 2009			
	Proposals		Awards		Proposals		Awards	
	#	Value	#	Value	#	Value	#	Value
African-American Studies	0	\$0	0	\$0	0	\$0	0	\$0
Art	2	\$77,317	0	\$0	1	\$15,000	1	\$15,000
Biology	20	\$19,732,501	7	\$1,219,551	14	\$18,922,287	6	\$230,491
Chemistry	8	\$4,269,859	2	\$256,864	8	\$2,930,123	2	\$791,508
Communication, Media, & Theatre Arts	6	\$163,031	5	\$207,293	6	\$733,259	4	\$137,350
Computer Science	3	\$111,849	1	\$78,482	5	\$1,595,991	2	\$127,244
Economics	0	\$0	0	\$0	0	\$0	0	\$0
English Lang. & Literature	2	\$49,407	3	\$80,768	9	\$321,322	6	\$136,638
Geography & Geology	10	\$18,538,541	4	\$745,286	10	\$4,928,928	2	\$26,600
History & Philosophy	9	\$4,077,347	4	\$599,992	5	\$1,115,492	3	\$612,842
Institute for Geospatial Research & Education	20	\$22,546,844	14	\$1,035,454	18	\$2,031,079	10	\$89,588
Institute for Language Information & Technology	3	\$457,604	3	\$523,282	8	\$1,241,369	3	\$463,433
Mathematics	2	\$795,954	0	\$0	0	\$0	0	\$0
Music & Dance	3	\$38,878	1	\$3,500	0	\$0	0	\$0
Office of the Dean, Arts & Sciences	1	\$486,000	0	\$0	0	\$0	0	\$0
Physics & Astronomy	10	\$776,986	7	\$143,689	9	\$391,747	5	\$95,374
Political Science	2	\$219,805	1	\$1,000,000	2	\$671,285	1	\$5,424
Psychology	10	\$2,906,129	6	\$265,688	11	\$2,097,212	4	\$152,837
Sociology, Anthropology & Criminology	8	\$698,618	4	\$627,000	9	\$3,690,565	4	\$284,389
Gerontology Program	1	\$63,103	1	\$63,103	2	\$126,206	1	\$63,103
Women's and Gender Studies Program	1	\$15,000	0	\$0	0	\$0	0	\$0
World Languages	8	\$2,112,274	6	\$354,883	8	\$2,459,500	5	\$311,101
College of Arts & Sciences	113	\$45,977,018	66	\$5,858,735	120	\$39,187,723	58	\$3,537,498
Accounting	0	\$0	0	\$0	0	\$0	0	\$0
Finance/Computer Information Systems	1	\$700,000	0	\$0	0	\$0	0	\$0
Management	1	\$700,000	0	\$0	0	\$0	0	\$0
Marketing	1	\$700,000	0	\$0	0	\$0	0	\$0
Office of the Dean, Business	1	\$500,000	1	\$500,000	2	\$510,000	4	\$570,200
College of Business	2	\$1,200,000	1	\$500,000	2	\$510,000	4	\$570,200
Leadership & Counseling	2	\$624,752	2	\$624,752	1	\$50,000	0	\$0
Office of the Dean, Education	1	\$572,263	1	\$285,000	1	\$285,000	0	\$0
Special Education	1	\$37,722	2	\$309,500	4	\$1,446,903	1	\$536,609
Teacher Education	14	\$6,837,417	6	\$1,527,347	7	\$1,753,750	5	\$1,355,309
College of Education	16	\$6,927,628	10	\$2,174,336	13	\$3,535,653	6	\$1,891,918
School of Health Sciences	6	\$1,523,692	4	\$1,635,413	7	\$1,502,923	4	\$749,102
School of Health Promotion & Human Performance	0	\$0	1	\$70,682	3	\$644,058	1	\$6,600
School of Nursing	5	\$217,371	3	\$122,638	7	\$1,514,942	6	\$944,614
Office of the Dean, HHS	1	\$9,481,373	1	\$118,661	1	\$511,344	0	\$0
School of Social Work	12	\$2,996,306	4	\$1,256,201	8	\$7,588,595	3	\$152,631
College of Health & Human Services	25	\$14,791,038	12	\$3,084,934	26	\$11,313,621	14	\$1,852,947
School of Engineering Technology	7	\$1,486,133	4	\$242,385	9	\$6,750,609	7	\$2,073,228
School of Technology Studies	21	\$4,937,162	4	\$946,005	28	\$9,254,715	13	\$2,317,341
Office of the Dean, Technology	0	\$0	0	\$0	0	\$0	0	\$0
Coatings Research Institute	3	\$1,234,058	1	\$31,110	4	\$266,199	4	\$1,729,249
Center for Product Research and Development	0	\$0	0	\$0	2	\$1,754	2	\$1,754

Center for Regional & National Security	6	\$551,507	1	\$86,828	8	\$795,916	4	\$493,887
Textiles Res. & Training Institute	2	\$368,833	1	\$740,000	1	\$740,000	1	\$727,000
College of Technology	28	\$6,423,295	8	\$1,188,390	39	\$16,145,394	21	\$4,469,789
Center for Organizational Risk Reduction	1	\$40,208	1	\$40,000	1	\$42,000	1	\$35,000
Center for Quality	0	\$0	0	\$0	0	\$0	0	\$0
Continuing Education	0	\$0	0	\$0	0	\$0	0	\$0
Workforce Education	0	\$0	0	\$0	0	\$0	0	\$0
Inst. for the Study of Children, Families & Comm.	27	\$8,824,827	15	\$4,035,339	20	\$3,955,277	15	\$2,253,780
Upward Bound	1	\$398,292	2	\$404,243	3	\$409,196	3	\$407,244
Extended Programs	29	\$9,263,327	18	\$4,479,582	24	\$4,406,473	19	\$2,696,024
American Humanics Program	0	\$0	0	\$0	1	\$2,000	1	\$2,000
Bruce T. Halle Library	1	\$276,620	0	\$0	2	\$99,149	1	\$2,500
Charter Schools	0	\$0	0	\$0	0	\$0	0	\$0
Graduate School	0	\$0	0	\$0	0	\$0	0	\$0
Honors College	1	\$220,000	1	\$220,000	1	\$220,000	2	\$969,846
Office of Academic Service Learning	6	\$821,156	5	\$207,293	9	\$1,241,845	5	\$130,051
Office of Research Development	0	\$0	0	\$0	6	\$116,843	5	\$55,993
Retention Services	1	\$114,753	1	\$114,753	1	\$326,216	1	\$325,216
The Holman Learning Center	1	\$150,000	2	\$231,880	3	\$231,880	3	\$231,880
Undergraduate Studies & Curriculum	0	\$0	0	\$0	0	\$0	0	\$0
Office of the Provost	10	\$1,582,529	9	\$773,926	23	\$2,237,933	18	\$1,717,486
Business & Finance	1	\$2,246,500	1	\$2,246,500	0	\$0	0	\$0
Physical Plant	0	\$0	1	\$82,000	1	\$1,342,000	0	\$0
Public Safety	1	\$184,300	3	\$602,514	3	\$2,094,317	0	\$0
Environmental Health & Safety	0	\$0	1	\$490,517	0	\$0	0	\$0
Office of the President	1	\$184,300	1	\$1,175,031	3	\$2,094,317	0	\$0
Career Services	0	\$0	0	\$0	0	\$0	0	\$0
Campus Life	0	\$0	0	\$0	0	\$0	0	\$0
Dean of Students	0	\$0	0	\$0	0	\$0	0	\$0
Diversity and Community Involvement	2	\$162,675	3	\$165,640	6	\$108,626	5	\$105,661
VISION	0	\$0	1	\$2,965	0	\$0	0	\$0
Office of International Students	0	\$0	0	\$0	1	\$2,000	0	\$0
Financial Aid	0	\$0	0	\$0	1	\$260,000	0	\$0
University Health Services	2	\$10,434,986	1	\$490,517	0	\$0	0	\$0
Children's Institute	1	\$170,000	1	\$170,000	2	\$340,000	1	\$170,000
Counseling & Psychological Services	0	\$0	0	\$0	0	\$0	0	\$0
Student Affairs & Enrollment Management	5	\$10,767,661	6	\$829,122	8	\$370,626	5	\$105,661
University Marketing	1	\$75,000	0	\$0	0	\$0	0	\$0
WEMU Radio	2	\$185,774	2	\$185,774	1	\$162,781	1	\$162,781
University Marketing and Communications	3	\$260,774	2	\$185,774	1	\$162,781	1	\$162,781

	Fiscal Year 2010		Fiscal Year 2009	
Total Submitted	197	\$75,362,569	219	\$68,257,847
Total Awarded	111	\$16,001,062	123	\$13,117,579

This list reflects dual credit for collaborative projects between units. Therefore, subtotals will not match the grand totals above, which are the actual net submissions and awards for FY2010 and FY2009.

Externally Sponsored Awards

Office of the Provost

ACADEMIC SERVICE-LEARNING

Jessica Alexander, Communication, Media & Theatre Arts

Building Communities, Building Lives

Michigan Campus Compact
\$38,135

The B.Side: The Business Side of Youth

Coleman Foundation
\$12,000

RNR Foundation
\$29,741

The B.Side Workforce Investment Act
Washtenaw County Children's Services Department
\$55,155

Jessica Alexander, Communication, Media and Theatre Arts, and Jack Bidlack and Angelina Broderick

The B.Side Youth Summer Program—American Recovery and Reinvestment Act
Washtenaw County Workforce Development Board
\$72,262

THE HOLMAN LEARNING CENTER

Mark Jackson

Michigan Department of Career Development KCP State GEAR-UP Program

Michigan Department of Labor and Economic Growth—Career
\$81,880

Mary Zdrojkowski and Mark Jackson

Getting on the Right Track--Trackers Program (Michigan 4-S Program)

Michigan Department of Labor and Economic Growth
\$150,000

HONORS COLLEGE

James Knapp, and Betty Brown-Chappell, School of Social Work

McNair Postbaccalaureate Achievement Program
U.S. Department of Education
\$220,000

RETENTION SERVICES

Lynette Findley

Eastern Michigan University Single Parent Residential Support Program
Endicott College
\$114,753

College of Arts & Sciences

BIOLOGY

Anne Casper

Characterization of Genetic Instability at Chromosomal Fragile Sites (ARRA)

National Institutes of Health
\$431,807

Stephen Francoeur, Kristin Judd, and William Welsh, Geography and Geology, and Yichun Xie, Institute for Geospatial Research and Education

Coupled Remote Sensing and Biological Monitoring of Invasive Plant Species and Their Impacts on the Detroit River International Wildlife Refuge
National Oceanic and Atmospheric Administration
\$633,350

Allen Kurta

Acoustic Monitoring of Bat Activity at a Proposed Wind Farm in Huron County, Michigan

Applied Ecological Services, Inc.
\$5,520

Bats and Mines: Exploration and Monitoring for White-Nose Syndrome

Michigan Department of Natural Resources
\$24,981

Bat Activity and Diet in Conventional and Organic Apple Orchards

Country Mill Farms, Charlotte, MI
\$8,092

Acoustic Monitoring of Bat Activity at Proposed Wind Farm near Carsonville, Sanilac County, Michigan

Carsonville Wind, LLC, Ortonville, MI
\$22,923

A Netting and Acoustic Survey for Bats at a Proposed Wind Farm near Breckenridge, Gratiot County, Michigan

JFNew, Inc.
\$92,878

CHEMISTRY

Ruth Ann Armitage, Gavin Edwards, Cory Emal, and Harriet Lindsay, and John Texter, School of Engineering Technology

MRI-r2: Acquisition of a High-Resolution Time-of-Flight Mass Spectrometer for Research and Education, American Recovery and Reinvestment Act (ARRA)

National Science Foundation
\$207,275

Cory Emal

Novel Targets in Thrombosis and Atherosclerosis

University of Michigan
\$49,589

COMMUNICATION, MEDIA, AND THEATRE ARTS

Jessica Alexander, Academic Service-Learning

The B.Side: The Business Side of Youth

Coleman Foundation
\$12,000

RNR Foundation
\$29,741

Building Communities, Building Lives

Michigan Campus Compact
\$38,135

The B.Side Workforce Investment Act
Washtenaw County Children's Services Department
\$55,155

Jessica Alexander, and Jack Bidlack and Angelina Broderick, Academic Service-Learning

The B.Side-Youth Summer Program—American Recovery and Reinvestment Act

Washtenaw County Workforce Development Board
\$72,262

COMPUTER SCIENCE

Benjamin Keller

Prototyping Strategies for the Elucidation of Genetic Interactions in Complex Disease Etiology

University of Michigan
\$78,482

ENGLISH LANGUAGE AND LITERATURE

Edward Garrett

Student Support for 3L International Summer School in Language Documentation and Description

National Science Foundation
\$14,799

Externally Sponsored Awards

**Melissa Motschall, and
Peggy Wiencek, Institute for
the Study of Children,
Families and Communities**

Eastern Michigan University and
Lutheran Social Services of
Michigan Partnership Program:
Foster Care Youth Write Their Way
to a Promising Future
**Michigan Campus Compact
\$19,969**

**William Tucker and
William Baker**

Eastern Michigan University
Writing Project
**National Writing Project
\$46,000**

GEOGRAPHY AND GEOLOGY

Theodore Ligibel

Graduate Internship for the
Michigan Department of
Transportation
**Michigan Department of
Transportation
\$13,200**

Sandra Rutherford

Collaborations for Building
Michigan Geology Talent
**National Science Foundation
\$19,336**

**William Welsh,
Stephen Francoeur and
Kristin Judd, Biology, and
Yichun Xie, Institute for
Geospatial Research and
Education**

Coupled Remote Sensing and
Biological Monitoring of Invasive
Plant Species and Their Impacts
on the Detroit River International
Wildlife Refuge
**National Oceanic and
Atmospheric Administration
\$633,350**

**William Welsh, and Yichun
Xie, Institute for Geospatial
Research and Education**

Regional Urban Tree Canopy
Assessment and Implementation
**Michigan Department of Natu-
ral Resources
\$79,400**

GERONTOLOGY

**Shelly Weaverdyck and
Elizabeth Schuster**

EMU Alzheimer's Education and
Research Program
**Michigan Department of
Community Health
\$63,103**

HISTORY AND PHILOSOPHY

**Robert Duke, and
Lauren Allmayer,
Volunteers Incorporating
Service into Our
Neighborhoods (VISION),
and Lindsay Scalera,
Diversity and Community
Involvement**

The Giving Garden
**Michigan Campus Compact
\$2,965**

**Russell Olwell, and Wendy
Burke, Teacher Education,
Diane Parfitt, Leadership
and Counseling, and David
Clifford, Institute for the
Study of Children, Families
and Communities**

Connecting Students to the
Community: EMU GEAR-UP
Partnership to Promote College
Readiness and Success
**U.S. Department of Education
\$572,263**

Russell Olwell, and David Clifford, Institute for the Study of Children, Families and Communities

GEAR UP—Program Income—
Summer 2009 Food Service Program
Michigan Department of Education
\$764

GEAR UP Evaluation Planning Grant
RTI International, Research Triangle Park, NC
\$24,000

INSTITUTE FOR GEOSPATIAL RESEARCH AND EDUCATION

Yichun Xie

IGRE Small Contracts Fund: Cost Proposal to Upgrade Corridor Keeper Application
Eight Mile Boulevard Association, Detroit, MI
\$3,000

Grassland Ecosystems and Societal Adaptations under Changing Grazing Intensity and Climate on the Mongolian Plateau
University of Michigan
\$171,112

Application Development, Maintenance, and Support Services to Various Locations
Consulting Engineering Associates, Inc.
\$53,000

Server Hosting and RAPIDS Maintenance/Upgrade
Great Lakes Commission
\$67,680

Revision of CityGreen Software
American Forests, Washington, DC
\$4,612

Maintenance and Support for ArborCare Tree Inventory
City of Adrian, Michigan
\$500

Hosting the Friends of the Rouge Program Management System Application
Friends of the Rouge
\$4,800

Ogemaw County Parcel Mapping System Recovery
Ogemaw County
\$3,000

IGRE Small Contract: Planning, Coordination, and Meeting Tasks for the Cardiac Arrest Website Project
University of Michigan
\$15,000

Yichun Xie, and Stephen Francoeur and Kristin Judd, Biology, and William Welsh, Geography and Geology

Coupled Remote Sensing and Biological Monitoring of Invasive Plant Species and Their Impacts on the Detroit River International Wildlife Refuge
National Oceanic and Atmospheric Administration
\$633,350

Yichun Xie, and William Welsh, Geography and Geology

Regional Urban Tree Canopy Assessment and Implementation
Michigan Department of Natural Resources
\$79,400

INSTITUTE FOR LANGUAGE INFORMATION AND TECHNOLOGY

Anthony Aristar and Helen Aristar-Dry

NSF: “Collaborative Research” ELIP: Endangered Language Information and Infrastructure Project
National Science Foundation
\$39,566

Helen Aristar-Dry and Anthony Aristar

RELISH: Rendering Endangered Languages Lexicons Inoperable through Standards Harmonization
National Endowment for the Humanities
\$160,793

NSF:ICE CREAM—Integrating Cartographic Elements: Creating Resources Emphasizing Arctic Materials
National Science Foundation
\$322,923

Externally Sponsored Awards

MUSIC AND DANCE

Michael McGuire and Roberta Justice

Ann Arbor VA Medical Center
Pilot Project

Florence Tyson Fund
\$3,500

PHYSICS AND ASTRONOMY

James Carroll and Ernest Behringer, Patrick Koehn, and Mary Kubitskey

The Physics Scholars Program at Eastern Michigan University
National Science Foundation
\$83,700

Mary Kubitskey

The Impact of Online Professional Development
University of Michigan
\$6,747

The Impact of MSP Professional Development on the Quality of Instruction in Middle School Math and Science Classrooms
American Institutes for Research
\$28,642

James Sheerin

Michigan Space Grant Fellowships
Michigan Space Grant Consortium (NASA)
\$17,500

Our Magnetic Universe
Michigan Space Grant Consortium (NASA)
\$5,000

Michigan Space Grant Fellowships
Michigan Space Grant Consortium (NASA)
\$5,000

POLITICAL SCIENCE

Claudia Petrescu, and David Clifford, School of Health Sciences and Institute for the Study of Children, Families and Communities

Capacity Building of Nonprofit Organizations Serving Distressed Communities in Wayne and Eastern Washtenaw Counties, Michigan, American Recovery and Reinvestment Act (ARRA)

Administration for Children, Youth and Families
\$1,000,000

PSYCHOLOGY

Jin Bo

Skill Acquisition in Older Adults—American Recovery and Reinvestment Act (ARRA)
University of Michigan
\$32,174

Natalie Dove

Implicit Attitudes and HIV Risk Behaviors in Virtual Environment
University of Connecticut
\$34,270

Vannie Hodges, and David Clifford, Institute for the Study of Children, Families and Communities

Michigan Level of Functioning Project
Michigan Department of Community Health
\$98,565

Steven Huprich

Negative Affect, Emotional Dysregulation, Impulsivity, and Object Relations: Evaluating the Differential Contributions of Predictors of Borderline Personality Disorder
International Psychoanalytic Association
\$4,000

Alissa Huth-Bocks

A Developmental Examination of Maternal Representations and the Mother-Infant Relationship
International Psychoanalytic Association
\$6,000

Heather Janisse

Adherence to IDDM in Urban Youth
Wayne State University
\$90,679

SOCIOLOGY, ANTHROPOLOGY AND CRIMINOLOGY

Kristine Ajrouch

Observing Census Enumeration of Non-English-Speaking Households in the 2010 U.S. Census
U.S. Census Bureau
\$40,000

Kristine Ajrouch, and David Anderson, Leadership and Counseling

Fulbright Visiting Scholars Program for Iraq
Council for International Exchange of Scholars
\$52,489

Mansoor Moaddel

A Workshop on Theoretical and Methodological Issues in the Study of Values and Values Change in Islamic Countries
U.S. Air Force
\$84,554

Cross-National Analysis of Islamic Fundamentalism
Office of Naval Research
\$449,957

WORLD LANGUAGES

Alexander Popko

Training Content Area Teachers to Teach English
U.S. Department of Education
\$279,855

Sayuri Kubota

Electric Board/Flash Card Program for Kana and Kanji Instruction
Japanese Business Society of Detroit Foundation
\$1,000

Hitomi Oketani

Charter School Planning and Implementation Grant
Michigan Japanese Bilingual Education Foundation
\$46,080

Japanese School of Detroit
Japanese School of Detroit
\$12,948

Hitomi Oketani and Rosemary Weston-Gil

Charter School Planning and Implementation Grant
Michigan Japanese Bilingual Education Foundation
\$15,000

College of Business

OFFICE OF THE DEAN

Richard King

Small Business and Technology Development Center, Region 9 Host, 2010
Grand Valley State University
\$500,000

College of Education

OFFICE OF THE DEAN

Deborah Harmon

Minority Teacher Preparation Program: DREAMS
U.S. Department of Education
\$285,000

Externally Sponsored Awards

LEADERSHIP AND COUNSELING

David Anderson, and Kristine Ajrouch, Sociology, Anthropology and Criminology

Fulbright Visiting Scholars Program for Iraq
Council for International Exchange of Scholars
\$52,489

Diane Parfitt, and Wendy Burke, Teacher Education, Russell Olwell, History and Philosophy, and David Clifford, Institute for the Study of Children, Families and Communities

Connecting Students to the Community: EMU Gear-Up Partnership to Promote College Readiness and Success
U.S. Department of Education
\$572,263

TEACHER EDUCATION

Wendy Burke, and Lynn Malinoff and David Clifford, Institute for the Study of Children, Families and Communities

21st Century Community Learning Centers, Bright Futures at Middle and High Schools
Michigan Department of Education
\$749,694

Wendy Burke, Russell Olwell, History and Philosophy, Diane Parfitt, Leadership and Counseling, and David Clifford, Institute for the Study of Children, Families and Communities

Connecting Students to the Community: EMU GEAR-UP Partnership to Promote College Readiness and Success
U.S. Department of Education
\$572,263

Rebecca Martusewicz, and David Clifford, Institute for the Study of Children, Families and Communities

Southeast Michigan Stewardship Coalition Continuation Proposal
Great Lakes Fisheries Trust
\$174,690

Community-Based Education for EcoJustice and Sustainability in SE Michigan (GLSI Supplement)
Sisters, Servants of the Immaculate Heart of Mary
\$1,500

Great Lakes Fisheries Stewardship Implementation
East Michigan Environmental Action Council
\$29,200

SPECIAL EDUCATION

Karen Carney and Derrick Fries

Comprehensive Wrap-Around Services for High-Risk Teen Parents and Their Families
U.S. Department of Justice
\$300,000

John Palladino

Foster Care Services for Early On Toddlers: Voices from the Trenches
Clinton County RESA
\$9,500

College of Health and Human Services

OFFICE OF THE DEAN

Barbara Scheffer

UM:NIH Michigan Bridges to Doctorate
University of Michigan
\$118,661

SCHOOL OF HEALTH PROMOTION AND HUMAN PERFORMANCE

Kathleen Conley

UM:NIH—Stroke Health and Risk
Education
University of Michigan
\$70,682

SCHOOL OF HEALTH SCIENCES

David Clifford, Institute for the Study of Children, Families and Communities, and Claudia Petrescu, Political Science

Capacity Building of Nonprofit
Organizations Serving Distressed
Communities in Wayne and Eastern
Washtenaw Counties, Michigan,
American Recovery and Reinvest-
ment Act (ARRA)
**Administration for Children,
Youth and Families**
\$1,000,000

Pamela Lemerand, and James Lyddy and David Clifford, Institute for the Study of Children, Families and Communities

Eastern Michigan University Autism
Collaborative Center—Phase III
Seed Funding and Renovations
Anonymous Foundation
\$600,000

Alice Rainville

Editor for *Journal of Child Nutrition
and Management*
School Nutrition Association
\$35,413

SCHOOL OF NURSING

Sandra Hines

EMU School of Nursing Graduate
Traineeship
**Health Resources and Services
Administration**
\$3,767

Virginia Lan

Nurse Faculty Loan Program:
American Recovery and
Reinvestment Act (ARRA)
**Human Resources and Services
Administration**
\$47,706

Tsu-Yin Wu

Promoting Breast Health and
Cancer Screening for
Asian-American Women
**Susan G. Komen Breast Cancer
Foundation—Lansing**
\$71,165

SCHOOL OF SOCIAL WORK

Joan Abbey

EMU Evaluation of Infant Mental
Health Contractors for Detroit-
Wayne County CMH Agency
**Guidance Center—Virtual Cen-
ter for Excellence**
\$21,201

Joan Abbey and David Ragg

University Collaboration to Support
System-Wide Implementation of
Best Promising and Evidence-Based
Practices in Community Mental
Health
**Detroit/Wayne County Com-
munity Mental Health Agency**
\$1,000,000

Betty Brown-Chappell, and James Knapp, Honors College

McNair Postbaccalaureate
Achievement Program
U.S. Department of Education
\$220,000

Externally Sponsored Awards

Jennifer Kellman-Fritz, and David Clifford, Institute for the Study of Children, Families and Communities

Michigan Prisoner Re-Entry Initiative, Evaluation

Catholic Social Services, Ann Arbor
\$15,000

College of Technology

CENTER FOR REGIONAL AND NATIONAL SECURITY

JillAnne Bauer, School of Technology Studies

MCOLES 2009-2010: EMU School of Police Staff and Command-Detroit Michigan Department of State Police
\$86,828

COATINGS RESEARCH INSTITUTE

Jamil Baghdachi, School of Engineering Technology, and John Texter, School of Engineering Technology

Hybrid Materials for Thermal Management in Thin Films and Bulk Composites
U.S. Air Force-Office of Scientific Research
\$31,110

SCHOOL OF ENGINEERING TECHNOLOGY

Jamil Baghdachi

Support for Attendees of San Francisco, CA, March 21-15 Spring National ACS Meeting Symposium on Coatings Technologies

Office of Naval Research
\$2,000

Support for Attendees of San Francisco, CA, March 21-25 Spring National ACS Meeting Symposium on Coatings Technologies

U.S. Air Force—Office of Scientific Research
\$2,000

John Texter, and Ruth Ann Armitage, Gavin Edwards, Cory Emal, and Harriet Lindsay, Chemistry

MRI-r2: Acquisition of a High Resolution Time-of-Flight Mass Spectrometer for Research and Education, American Recovery and Reinvestment Act (ARRA)
National Science Foundation
\$207,275

John Texter, and Jamil Baghdachi, Coatings Research Institute

Hybrid Materials for Thermal Management in Thin Films and Bulk Composites
U.S. Air Force-Office of Scientific Research
\$31,110

SCHOOL OF TECHNOLOGY STUDIES

JillAnne Bauer, Center for Regional and National Security

MCOLES 2009-2010: EMU School of Police Staff and Command-Detroit Michigan Department of State Police
\$86,828

Sema Kalaian

A Meta-Analysis of the Effectiveness of Small-Group Instruction Compared to Lecture-Based Instruction in Science, Technology, Engineering, and Mathematics (STEM) College Courses
National Science Foundation
\$117,557

Subhas Ghosh, Textiles Research and Training Institute

Development of Biological Agents Destructive and Protective Fabric for Combat Soldiers and Security Personnel
U.S. Army ARDEC
\$740,000

Gerald Lawver

Enhancing IA Educational Outreach within the State of Michigan
U.S. Department of Defense-Assistant Secretary for Networks
\$1,620

TEXTILES RESEARCH AND TRAINING INSTITUTE

Subhas Ghosh, School of Technology Studies

Development of Biological Agents Destructive and Protective Fabric for Combat Soldiers and Security Personnel
U.S. Army ARDEC
\$740,000

Extended Programs

CENTER FOR ORGANIZATIONAL RISK REDUCTION

Barbara Hopkins and Arlene Cook

Asbestos Awareness Training
Michigan Department of Labor and Economic Growth
\$40,000

INSTITUTE FOR THE STUDY OF CHILDREN, FAMILIES AND COMMUNITIES

David Clifford, and Wendy Burke, Teacher Education, Russell Olwell, History and Philosophy, and Diane Parfitt, Leadership and Counseling

Connecting Students to the Community: EMU GEAR-UP Partnership to Promote College Readiness and Success
U.S. Department of Education
\$572,263

David Clifford, and Jennifer Kellman-Fritz, School of Social Work

Michigan Prisoner Re-Entry Initiative, Evaluation
Catholic Social Services, Ann Arbor
\$15,000

David Clifford, and Vannie Hodges, Psychology

Michigan Level of Functioning Project
Michigan Department of Community Health
\$98,565

David Clifford, and Rebecca Martusewicz, Teacher Education

Southeast Michigan Stewardship Coalition Continuation Proposal
Great Lakes Fisheries Trust
\$174,690

Community-Based Education for EcoJustice and Sustainability in SE Michigan
Sisters, Servants of the Immaculate Heart of Mary
\$1,500

Great Lakes Fisheries Stewardship Implementation
East Michigan Environmental Action Council
\$29,200

David Clifford, and Russell Olwell, History and Philosophy

GEAR UP—Program Income—Summer 2009 Food Service Program
Michigan Department of Education
\$764

GEAR UP Evaluation Planning Grant
RTI International, Research Triangle Park, NC
\$24,000

Externally Sponsored Awards

David Clifford, School of Health Sciences, and Claudia Petrescu, Political Science

Capacity Building of Nonprofit Organizations Serving Distressed Communities in Wayne and Eastern Washtenaw Counties, Michigan, American Recovery and Reinvestment Act (ARRA)

Administration for Children, Youth and Families
\$1,000,000

James Lyddy and David Clifford, and Pamela Lemerand, School of Health Sciences

Eastern Michigan University Autism Collaborative Center—Phase III Seed Funding and Renovations

Anonymous Foundation
\$600,000

Lynn Malinoff and David Clifford

21st Century Community Learning Centers—Brighter Futures Year 4 (Cohort D)

Michigan Department of Education
\$749,694

Lynn Malinoff and David Clifford, and Wendy Burke, Teacher Education

21st Century Community Learning Centers, Bright Futures at Middle and High Schools (Cohort F)

Michigan Department of Education
\$749,694

Peggy Wiencek, and Melissa Motschall, English Language and Literature

Eastern Michigan University and Lutheran Social Services of Michigan Partnership Program: Foster Care Youth Write Their Way to a Promising Future

Michigan Campus Compact
\$19,969

UPWARD BOUND

Sandra Gonzales

Upward Bound, Program Income Michigan Department of Education

\$5,951

Upward Bound-Renewal

U.S. Department of Education
\$398,292

Business and Finance

Todd Ohmer

Education Stabilization Fund—Support for Financial Aid “ARRA-American Recovery and Reinvestment Act”

Michigan Department of Education
\$2,246,500

Note: This grant was provided by the American Recovery and Reinvestment Act State Fiscal Stabilization Fund to offset a 3% reduction in EMU’s FY2010 state appropriation.

Office of the President

PHYSICAL PLANT

John Donegan, and Gregory O’Dell, Public Safety

First Year Center Security Project—American Recovery and Reinvestment Act

Michigan Department of State Police
\$82,000

PUBLIC SAFETY

Gregory O’Dell, and John Donegan, Physical Plant

First Year Center Security Project—American Recovery and Reinvestment Act

Michigan Department of State Police
\$82,000

Mark Wesley

Hazard Mitigation Planning Grant

Michigan Department of State Police
\$29,997

Mark Wesley, and Kathryn Wilhoff, Environmental Health and Safety, and Ellen Gold, University Health Services

A Community-Based Model for Emergency Management

U.S. Department of Education
\$490,517

ENVIRONMENTAL HEALTH AND SAFETY

Kathryn Wilhoff, and Ellen Gold, University Health Services, and Mark Wesley, Public Safety

*A Community-Based Model for Emergency Management
U.S. Department of Education
\$490,517*

Student Affairs and Enrollment Management

CHILDREN'S INSTITUTE

Christine Aris

*Great Start Readiness Program
Michigan Department of Education
\$170,000*

DIVERSITY AND COMMUNITY INVOLVEMENT

Margaret Harless

*EMU-Ozone House: Collaborative for Youth Empowerment
Michigan Campus Compact
\$17,456*

Margaret Harless and Christie Cadmus

*IMPACT: Inspiring Mentors, Parents, and Children Together
Michigan Community Service Commission
\$145,219*

Lindsay Scalera, and Lauren Allmayer, VISION, and Robert Duke, History and Philosophy

*The Giving Garden
Michigan Campus Compact
\$2,965*

UNIVERSITY HEALTH SERVICES

Ellen Gold, and Kathryn Wilhoff, Environmental Health and Safety, and Mark Wesley, Public Safety

*A Community-Based Model for Emergency Management
U.S. Department of Education
\$490,517*

VOLUNTEERS INCORPORATING SERVICE INTO OUR NEIGHBORHOODS (VISION)

Lauren Allmayer, and Robert Duke, History and Philosophy, and Lindsay Scalera, Diversity and Community Involvement

*The Giving Garden
Michigan Campus Compact
\$2,965*

University Marketing and Communications

WEMU RADIO

Arthur Timko

*WEMU Community Service Grant Corporation for Public Broadcasting
\$170,317*

*CPB Fiscal Stabilization Grant Corporation for Public Broadcasting
\$15,457*

Internally Sponsored Awards

Ronald W. Collins Distinguished Faculty Awards

Andrew Ross,
Mathematics, Teaching I

Robert Winning,
Biology, Teaching II

Aaron Liepman,
Biology, Research I

Deborah Heyl-Clegg,
Chemistry, Research II

Faculty Scholarship Recognition Awards

John McCurdy,
History and Philosophy, "Citizen Bachelors: Manhood and the Creation of the United States"

Martin Shichtman,
English Language and Literature, "Cinematic Illuminations: The Middle Ages on Film"

Lynn Nybel,
Social Work, "Childhood, Youth, and Social Work in Transformation: Implications for Policy and Practice"

Fourth Annual Michigan Distinguished Professor of the Year Recognition Nominee

Steven Pernecky,
Chemistry

Sabbatical Leave Awards

Anthony J. Adamski
(Technology Studies), "Pathways to Compliance: A Systems Perspective on the Aviation Regulatory Process"

Peter A. Bednekoff
(Biology), "Extending the Risk Allocation Hypothesis"

Joe Bishop
(Teacher Education), "Creating an Environment for International Cooperation and Exchanges between EMU and Sumy State Pedagogical University, Sumy, Ukraine"

Brian Bruya
(History and Philosophy), "The Philosophical Challenge from China"

Abby Coykendall
(English Language and Literature), "Heteronormativity and the Eighteenth Century"

Suzanne M. Dugger
(Leadership and Counseling), "The Nuts and Bolts of Career Counseling: A Practical Guide for the Professional Counselor"

Christopher Gardiner
(Mathematics), "Calculus with Review"

Sema Kalaian
(Technology Studies), "A Scholarly Project to Disseminate Statistical and Methodological Developments as well as the Findings of the Meta-Analytic Research that Examine the Effectiveness of Active Small-Group Instruction in STEM Classes"

Elvia Krajewski-Jaime
(Social Work), "Qualitative Study: Needs Assessment of Low-Income Elderly in Mexican Resort Area"

David Kass
(Biology), "Genetic Analysis for Mechanisms for Reproductive Isolation in Closely Related Species of Mice"

Andrea Kaston Tange
(English Language and Literature), "Children and Empire"

Jon Margerum-Leys
(Teacher Education), "Perspectives on Teacher Preparation: Case Studies of Recent Eastern Michigan University Student Teachers"

Faculty Research Fellowships

D. Robert Okopyn

(Accounting and Finance), "A Diversity Experience and Exploration of Internal Auditing and Ethics within the Context of the Chinese Academic and Business Environment"

Raymond A. Rosenfeld

(Political Science), "Comparative Civic Culture Research and Policy Planning Manuscript"

Joel Schoenhals

(Music and Dance), "Liuyang He: Piano Arrangements of Chinese Folk Music"

Cara Shillington

(Biology), "Tarantula Mating Systems: How Male Activity and Female Receptivity Influence Mating Success"

James Thornton

(Economics), "Economics of the Wine Industry"

Robert Winning

(Biology), "Investigation into the Role of Ephrin-A5 in Guiding Neurons to Hindlimb Muscle"

Bonnie L. Wyl0

(Physics and Astronomy), "Preparation of a Textbook for Physics for Pre-Service Elementary Teachers"

Suzanne Zelnik Geldys

(Health Promotion and Human Performance), "Social Dance Textbook"

Margrit V. Zinggeler

(World Languages), "How Second Generation Immigrant Authors Have Changed and Transformed German Swiss Literature"

Gregg Barak

(Sociology, Anthropology and Criminology), "Class, Race, Gender, and Crime"

Paul Chao

(Marketing), "The Moderating Role of Brand Name Translation on Country-of-Origin Effects"

David Chou

(Computer Information Systems), "Developing an Innovative Change Auditing Methodology"

Joan Cohen Jones

(Mathematics), "Visualizing Elementary Math Methods"

Bradley E. Ensor

(Sociology, Anthropology, and Criminology), "Kinship and Political Economy in Archaeology"

Diane Porretta Fox

(Nursing), "A New Paradigm to Examine Nursing Education Needs: Registered Nurses' Perspectives of Stressors and Coping Strategies Among Recent Nursing Graduates"

Sam Fullerton

(Marketing), "An Assessment of the Sentiment Regarding Perceived Breaches of Ethical Standards of Conduct on the Part of Consumers as Mediated by the Size of the Aggrieved Firm and the Size of the Financial Consequences Emanating from the Consumers' Behavior"

Steven K. Huprich

(Psychology), "Negative Affect, Emotional Dysregulation, Impulsivity, and Object Relations: Evaluating the Differential Contributions of Four Predictors of Borderline Personality Disorder"

Myung-sook Koh

(Special Education), "A Pilot Study of a Comprehensive Cognitive Therapy for Autism"

Paul Leighton

(Sociology, Anthropology and Criminology), "Violence and Nonviolence"

Lois S. Mahoney

(Accounting and Finance), "An Examination of Voluntary Corporate Social Reporting and Firm Profitability: A Canadian Investigation"

Mansoor Moaddel

(Sociology, Anthropology and Criminology), "Ethnicity, Sectarianism, and People's Values: Lebanon after the Cedar Revolution"

Valerie Polakow

(Teacher Education), "Children's Rights/Children's Voices"

Jennifer L. Rice

(Economics), "The Impact of Economic Conditions and Market Structure on Employer-Sponsored Health Insurance"

Thomas Schmitt

(Psychology), "The Validity of Ability Estimation under Conditions of Test Speededness within a Computer Adaptive Testing Environment"

Internally Sponsored Awards

Weidian Shen

(Physics and Astronomy),
"Developing a Reliable and
Efficient Corrosion Resistance
Characterization Technique for
Magnesium Alloys Used in
Automotive and Other
Manufacturing Industries"

Christine Tracy

(English Language and Literature),
"news@you.com"

Tsu-Yin Wu

(Nursing), "A New Paradigm to
Examine Nursing Education Needs:
Registered Nurses' Perspectives of
Stressors and Coping Strategies
Among Recent Nursing Graduates"

Willard Zirk

(Music and Dance), "A Requiem for a
World War II Musical WASP"

Provost's New Faculty Research Awards

Jin Bo

(Psychology) "Handwriting
Consistency in Children with
Developmental Coordination
Disorder"

John W. Carbone

(Health Sciences) "Amino Acid
Regulation on the Ubiquitin
Proteasome Pathway"

Anne M. Casper

(Biology) "Characterizing DNA
Breaks at Chromosomal Fragile
Sites Using the Yeast Model
Organism *Saccharomyces
cerevisiae*"

Brooke Dagnan

(Communication, Media and
Theatre Arts) "The Sale Barn:
Documenting the Traditions of a
Midwestern Auction"

Nina P. David

(Geography and Geology) "An
Evaluation of Informal Regional
Land Use Partnerships and their
Potential in Michigan"

Robert H. Duke

(History and Philosophy) "Food Is a
Weapon": Manufacturing Support
for Community Gardening in the
Arsenal of Democracy"

Janet L. Fisher

(Special Education) "Examining
Special Education Eligibility for
Students with Autism Spectrum
Disorder through the Lens of a
Collaborative Medical-Educational
Model"

Jeff Guthrie

(Chemistry) "Aptamer-Based
Biosensors for Environmental
Analysis"

Larry G. Morton II

(Social Work). "Exploring the
Challenges and Strengths in
Homeless Persons with
Developmental Disabilities"

Derek N. Mueller

(English Language and Literature).
"Apprenticeship in Linking:
Networked Writing Practices and
the Casual Circulation of Influential
Objects"

Brian Spolans

(Art). "Systems of Function"

John A. Staunton

(English Language and Literature).
"Teaching Literature/Inquiry in
Community"

Shiri Vivek

(Marketing). "Service
Ethnocentrism in the Choice
of Providers: Development of a
Multi-Country Measure"

Mehmet E. Yaya

(Economics) "Determinants of
Income Inequality of Immigrants
in the United States"

2010 Annual Report Research Leads the Way

EASTERN
MICHIGAN UNIVERSITY

Office of Research Development **Stark Weather Hall**

Eastern Michigan University is a public, comprehensive, metropolitan university offering programs in the arts, sciences, and professions. EMU prepares students with the intellectual skills and practical experiences to succeed in their lives and careers and be worthy and effective citizens.

Robert Neely,

Associate Provost and Associate Vice President for Research

Office of Research Development

Brian Anderson, Director*

Caryn Charter, Associate Director

Alethea Helbig, Faculty Associate

Susan Campbell, Project Officer

Claresta Davis, Project Officer

Rich Magyar, Systems Administrator

Philip Rufe, Technology Transfer Coordinator

Marjorie Dargo, Senior Secretary

Office of Research Development

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Fax 734.481.0650

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*since retired

See the web version of this report at www.ord.emich.edu.

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