

Cleveland State University

Office of the Vice President for Research & Graduate Studies

Office of Sponsored Programs and Research

George E. Walker, Ph.D.

YEAR-TO-DATE SUMMARY COMPARISON

July 1, 2009 - June 30, 2010

and

July 1, 2008 - June 30, 2009

Awards

	Dollars				% Change (Total)	Numbers	
	Direct	Indirect	Total	% Change (Total)			% Change
2009-2010	\$ 14,545,829	\$ 2,259,993	\$ 16,805,822	-3.1%	220	1.9%	
2008-2009	\$ 15,964,534	\$ 1,385,568	\$ 17,350,102		216		

Proposals

	Dollars				% Change (Total)	Numbers	
	Direct	Indirect	Total	% Change (Total)			% Change
2009-2010	\$ 62,027,675	\$ 12,282,805	\$ 74,310,480	-14.0%	257	-20.7%	
2008-2009	\$ 73,115,876	\$ 13,247,363	\$ 86,363,239		324		

Expenditures

	Dollars				% Change (Total)
	Direct	Indirect	Total	% Change (Total)	
2009-2010	\$ 16,348,039	\$ 1,531,571	\$ 17,879,610	-14.6%	
2008-2009	\$ 19,544,345	\$ 1,401,220	\$ 20,945,565		

Awards

Monthly Comparison

	Fiscal Year 2010			Fiscal Year 2009		
	Direct	Indirect	Total	Direct	Indirect	Total
July	\$ 2,087,183	\$ 473,902	\$ 2,561,085	\$ 3,429,786	\$ 284,679	\$ 3,714,465
August	\$ 2,466,225	\$ 400,866	\$ 2,867,091	\$ 1,897,016	\$ 149,904	\$ 2,046,920
September	\$ 3,578,750	\$ 471,221	\$ 4,049,971	\$ 2,871,607	\$ 216,053	\$ 3,087,660
October	\$ 1,093,775	\$ 117,995	\$ 1,211,770	\$ 1,441,991	\$ 134,608	\$ 1,576,599
November	\$ 584,548	\$ 33,571	\$ 618,119	\$ 867,460	\$ 76,203	\$ 943,663
December	\$ 740,981	\$ 31,256	\$ 772,237	\$ 424,723	\$ 101,020	\$ 525,743
January	\$ 114,822	\$ 20,712	\$ 135,534	\$ 699,672	\$ 86,808	\$ 786,480
February	\$ 604,198	\$ 98,754	\$ 702,952	\$ 378,120	\$ 87,632	\$ 465,752
March	\$ 1,050,544	\$ 245,441	\$ 1,295,985	\$ 1,271,422	\$ 39,420	\$ 1,310,842
April	\$ 395,314	\$ 54,257	\$ 449,571	\$ 287,370	\$ 33,274	\$ 320,644
May	\$ 1,091,555	\$ 210,613	\$ 1,302,168	\$ 301,765	\$ 35,179	\$ 336,944
June	\$ 737,934	\$ 101,405	\$ 839,339	\$ 2,093,602	\$ 140,788	\$ 2,234,390
Totals						
July - June	\$ 14,545,829	\$ 2,259,993	\$ 16,805,822	\$ 15,964,534	\$ 1,385,568	\$ 17,350,102
Fiscal Year	\$ 14,545,829	\$ 2,259,993	\$ 16,805,822	\$ 15,964,534	\$ 1,385,568	\$ 17,350,102

Cleveland State University

Office of the Vice President for Research & Graduate Studies

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George E. Walker, Ph.D.

Proposals

Monthly Comparison

	Fiscal Year 2010			Fiscal Year 2009		
	Direct	Indirect	Total	Direct	Indirect	Total
July	\$ 7,899,472	\$ 2,087,948	\$ 9,987,420	\$ 8,974,248	\$ 1,587,451	\$ 10,561,699
August	\$ 8,114,277	\$ 496,984	\$ 8,611,261	\$ 892,559	\$ 154,361	\$ 1,046,920
September	\$ 4,622,970	\$ 1,040,159	\$ 5,663,129	\$ 4,705,626	\$ 749,529	\$ 5,455,155
October	\$ 4,635,632	\$ 822,195	\$ 5,457,827	\$ 3,718,836	\$ 936,913	\$ 4,655,749
November	\$ 4,418,248	\$ 1,387,370	\$ 5,805,618	\$ 5,903,185	\$ 1,315,426	\$ 7,218,611
December	\$ 6,170,132	\$ 887,732	\$ 7,057,864	\$ 2,266,880	\$ 436,099	\$ 2,702,979
January	\$ 3,189,184	\$ 301,745	\$ 3,490,929	\$ 3,477,220	\$ 682,238	\$ 4,159,458
February	\$ 4,699,816	\$ 1,622,757	\$ 6,322,573	\$ 15,710,406	\$ 2,516,871	\$ 18,227,277
March	\$ 3,232,037	\$ 1,035,913	\$ 4,267,950	\$ 2,910,439	\$ 541,874	\$ 3,452,313
April	\$ 2,567,287	\$ 273,157	\$ 2,840,444	\$ 7,449,991	\$ 1,902,022	\$ 9,352,013
May	\$ 4,100,327	\$ 968,885	\$ 5,069,212	\$ 8,714,002	\$ 1,073,377	\$ 9,787,379
June	\$ 8,378,293	\$ 1,357,960	\$ 9,736,253	\$ 8,392,484	\$ 1,351,202	\$ 9,743,686
Totals						
July - June	\$ 62,027,675	\$ 12,282,805	\$ 74,310,480	\$ 73,115,876	\$ 13,247,363	\$ 86,363,239
Fiscal Year	\$ 62,027,675	\$ 12,282,805	\$ 74,310,480	\$ 73,115,876	\$ 13,247,363	\$ 86,363,239

Expenditures

Monthly Comparison

	Fiscal Year 2010			Fiscal Year 2009		
	Direct	Indirect	Total	Direct	Indirect	Total
July	\$ 1,146,392	\$ 165,068	\$ 1,311,460	\$ 1,556,608	\$ 186,225	\$ 1,742,833
August	\$ 1,548,904	\$ 158,193	\$ 1,707,097	\$ 1,733,037	\$ 168,467	\$ 1,901,503
September	\$ 741,385	\$ 93,695	\$ 835,080	\$ 1,356,513	\$ 105,025	\$ 1,461,538
October	\$ 1,399,686	\$ 157,314	\$ 1,557,000	\$ 1,477,863	\$ 118,792	\$ 1,596,655
November	\$ 1,515,572	\$ 79,494	\$ 1,595,066	\$ 1,747,345	\$ 79,311	\$ 1,826,656
December	\$ 872,174	\$ 89,024	\$ 961,198	\$ 1,443,208	\$ 90,715	\$ 1,533,923
January	\$ 2,195,326	\$ 164,321	\$ 2,359,647	\$ 1,864,043	\$ 104,708	\$ 1,968,751
February	\$ 1,322,354	\$ 103,091	\$ 1,425,445	\$ 1,476,676	\$ 81,902	\$ 1,558,577
March	\$ 1,098,699	\$ 104,237	\$ 1,202,936	\$ 1,485,917	\$ 122,780	\$ 1,608,697
April	\$ 1,030,310	\$ 78,084	\$ 1,108,394	\$ 1,104,595	\$ 75,483	\$ 1,180,078
May	\$ 1,079,930	\$ 98,449	\$ 1,178,379	\$ 1,291,752	\$ 89,956	\$ 1,381,708
June	\$ 2,397,308	\$ 240,601	\$ 2,637,909	\$ 3,006,789	\$ 177,856	\$ 3,184,645
Totals						
July - June	\$ 16,348,039	\$ 1,531,571	\$ 17,879,610	\$ 19,544,345	\$ 1,401,220	\$ 20,945,565
Fiscal Year	\$ 16,348,039	\$ 1,531,571	\$ 17,879,610	\$ 19,544,345	\$ 1,401,220	\$ 20,945,565

Cleveland State University

Office of the Vice President for Research & Graduate Studies

Office of Sponsored Programs and Research

George E. Walker, Ph.D.

YEAR-TO-DATE SUMMARY COMPARISON - AWARDS

July 1, 2009 - June 30, 2010

and

July 1, 2008 - June 30, 2009

College/Division Awards

	Fiscal Year 2010				Fiscal Year 2009			
	Direct	Indirect	Total	Count	Direct	Indirect	Total	Count
College of Business Administration	\$ 269,763	\$ 7,021	\$ 276,784	2	\$ 148,432	\$ 15,951	\$ 164,383	5
College of Education & Human Services	\$ 3,588,360	\$ 269,270	\$ 3,857,630	30	\$ 2,687,266	\$ 97,811	\$ 2,785,077	31
College of Engineering	\$ 3,320,859	\$ 733,519	\$ 4,054,378	42	\$ 1,960,904	\$ 328,985	\$ 2,289,889	42
College of Law	\$ -	\$ -	\$ -	0	\$ 147,976	\$ -	\$ 147,976	2
College of Liberal Arts & Social Sciences	\$ 464,132	\$ 26,637	\$ 490,769	16	\$ 731,310	\$ 91,074	\$ 822,384	20
College of Science & Health Professions	\$ 3,049,903	\$ 756,804	\$ 3,806,707	47	\$ 3,255,786	\$ 391,068	\$ 3,646,854	38
College of Urban Affairs	\$ 2,725,852	\$ 389,240	\$ 3,115,092	63	\$ 3,931,136	\$ 363,005	\$ 4,294,141	63
Central Administration	\$ 1,051,472	\$ 77,502	\$ 1,128,974	19	\$ 3,013,529	\$ 90,618	\$ 3,104,147	14
Continuing Education	\$ -	\$ -	\$ -	0	\$ -	\$ -	\$ -	0
Undergraduate Studies	\$ 75,488	\$ -	\$ 75,488	1	\$ 88,195	\$ 7,056	\$ 95,251	1
July - June Totals	\$ 14,545,829	\$ 2,259,993	\$ 16,805,822	220	\$ 15,964,534	\$ 1,385,568	\$ 17,350,102	216

Cleveland State University

Office of the Vice President for Research & Graduate Studies

Office of Sponsored Programs and Research

George E. Walker, Ph.D.

YEAR-TO-DATE SUMMARY COMPARISON - PROPOSALS

July 1, 2009 - June 30, 2010

and

July 1, 2008 - June 30, 2009

College/Division Proposals

	Fiscal Year 2010				Fiscal Year 2009			
	Direct	Indirect	Total	Count	Direct	Indirect	Total	Count
College of Business Administration	\$ 2,462,766	\$ 126,213	\$ 2,588,979	7	\$ 368,228	\$ 71,763	\$ 439,991	6
College of Education & Human Services	\$ 5,183,648	\$ 428,229	\$ 5,611,877	27	\$ 8,691,524	\$ 1,172,368	\$ 9,863,892	51
College of Engineering	\$ 11,111,716	\$ 2,088,133	\$ 13,199,849	49	\$ 23,047,959	\$ 3,351,186	\$ 26,399,145	59
College of Law	\$ -	\$ -	\$ -	0	\$ 284,939	\$ 57,524	\$ 342,463	3
College of Liberal Arts & Social Sciences	\$ 448,394	\$ 35,642	\$ 484,036	9	\$ 818,922	\$ 187,636	\$ 1,006,558	19
College of Science & Health Professions	\$ 33,538,854	\$ 8,297,944	\$ 41,836,798	76	\$ 24,303,526	\$ 7,334,555	\$ 31,638,081	97
College of Urban Affairs	\$ 4,147,200	\$ 712,400	\$ 4,859,600	70	\$ 5,804,036	\$ 595,535	\$ 6,399,571	71
Central Administration	\$ 4,753,950	\$ 560,447	\$ 5,314,397	17	\$ 9,262,795	\$ 469,740	\$ 9,732,535	15
Continuing Education	\$ 381,147	\$ 33,797	\$ 414,944	2	\$ 443,752	\$ -	\$ 443,752	1
Undergraduate Studies	\$ -	\$ -	\$ -	0	\$ 90,195	\$ 7,056	\$ 97,251	2
July - June Totals	\$ 62,027,675	\$ 12,282,805	\$ 74,310,480	257	\$ 73,115,876	\$ 13,247,363	\$ 86,363,239	324

Amount	Sponsor	Title	Principal Investigator	
EDUCATION & HUMAN SERVICES				
Dean				
\$6,520	Cleveland Foundation	Summer Internship Program	McLoughlin	James
Teacher Education				
\$148,483	U.S. Department of Education through University of Texas, Austin	CSUTeach	Goodell & Jackson	Joanne & Debbie
ENGINEERING				
Electrical & Computer				
\$16,000	National Science Foundation	Efficient Multi-Threading for Embedded Networked Systems - REU Supplement	Sridhar	Nigamanth
LIBERAL ARTS & SOCIAL SCIENCES				
Music				
\$5,000	Cleveland Foundation	Cleveland Arts Education Consortium - General Operating	Shames	Kay
SCIENCE & HEALTH PROFESSIONS				
Bio, Geo, Environ				
\$20,000	OBR - Research Challenge Funds	Characterization of T. Brucei Tin2 Function in Antigenic Variation	Li	Bibo
Chemistry				
\$20,000	OBR - Research Challenge Funds	Deciphering the role of DNA-Pkes in the Dna damage response through a Cyclin E Fragment	Bayachou	Mekki
\$4,782	Case Western Reserve University	Summer Collaborative Research Agreement	Anderson	David
Dean				
\$49,593	Ohio Board of Regents	Choose Ohio First Engaged Scholarship Programs in Bioscience and Healthcare	Bonder	Bette
Health Sciences				
\$19,979	OBR - Research Challenge Funds	Examine and Identify Physician and physician assistant Workforce Distribution and Supply Projection in Metro vs rural area of Oho	He	Xiaoxing

Amount	Sponsor	Title	Principal Investigator	
Math				
\$10,915	OBR - Research Challenge Funds	Evaluation Fibrations from Sectional Category Point of View	Lupton	Gregory
Physics				
\$76,648	National Institutes of Health	Flow Effects on Primary Cilium Deflection	Resnick	Andrew
Psychology				
\$9,106	OBR - Research Challenge Funds	Understanding PTSD in Pregnant Women	Doane	Lisa
URBAN				
Dean				
\$110,000	Industrial Resource Centers of Pennsylvania	Best Manufacturing Practices in Pennsylvania	Hill & Lendel	Edward & Iryna
Research & Public Policy				
\$72,100	Community Partnership for Arts and Culture	Economic Impact of Cleveland Music Subsector, 2010	Lendel	Iryna
\$60,000	Cuyahoga County Department of Development	Cuyahoga County Foreclosure Prevention Services Evaluation	Hexter	Kathryn
\$44,938	The Urban Institute	Revitalizing Older Suburbs	Hexter	Kathryn
\$38,940	City of Parma	Consolidated Public Safety Dispatch Center Feasibility: The Next Steps	Shimek	Daila
\$11,631	The Center for Community Solutions	ADAMHS Board of Cuyahoga County 2010 Needs Assessment	Salling	Mark
\$10,000	Cuyahoga County Treasurer's Office	Cuyahoga County Foreclosure Prevention Evaluation	Hexter	Kathryn
\$1,196	University Hospitals Health System	Geocoding and Assignment of Geographic Data	Salling	Mark
Urban Studies				
\$153,101	Cuyahoga County Board of Commissioners	EFS Mangement Development Program	Tyler	Zoe

Note: The Total Dollars of Awards in this report may differ from the totals contained in the Summary Comparison Section. This is due to the effect of cumulative transactions which cross reporting time periods.

**Cleveland State University
Office of Sponsored Programs and Research**

**Sponsored Programs and Research Activity Detail
July 1, 2009 through June 30, 2010**

Supplement to June 2010 Monthly Activity Report

Amount	Sponsor	Title	Principal Investigator	
BUSINESS				
Dean				
\$182,000	Ohio Department of Development	Cuyahoga SBDC at the Urban League of Greater Cleveland	Hart	Colette
\$94,785	Department of Education	Globalization & Sustainability	Hart & Javalgi	Colette & Raj
CENTRAL ADMIN				
Advising				
\$541,681	U.S. Department of Education	Cleveland State University Student Support Services Program	Bovell	George
\$2,722	U.S. Department of Education	Cleveland State University Student Support Services Program	Bovell	George
Campus Services				
\$113,803	US Department of Education	The CSU Day Care Program: Lifting Low Income, Single Parent Families Out of Poverty and into Higher Education	Mooney & Price & Clough	Kathleen & Anne & Dawn
Career Services				
\$107,976	Cleveland Foundation through the Fenn Educational Fund	Cooperative Education LIKN STEM Pathway Program	Klein	Paul
\$80,000	Cuyahoga County Public Library	America Reads: Tutor Support	Klein	Paul
\$27,700	Council of International Programs USA	Project Career	Klein	Paul
\$14,995	Cleveland Public Library	America Reads	Klein & Burt	Paul & Yolanda
\$10,000	Cleveland County Public Library	America Reads Plus	Burt	Yolanda
\$9,000	Cleveland Public Library	America Reads	Klein & Burt	Paul & Yolanda
Health Services				
\$500	American College Health Association	What's a Girl To Do?	Guttman & Fortier	Eileen & Lori
International Services				
\$50,000	IFSA Foundation	Nontraditional Student Study Abroad Scholarship	Burke	George

Amount	Sponsor	Title	Principal Investigator	
Library				
\$7,234	State Library of Ohio	What if CSU Decided to Grow its Own Food? WindowFarm Demonstration Project	Thornton & Strauss	Glenda & Barbra
\$2,775	Inst. Of Museum and Library Services through State Library of Ohio		Thornton	Glenda
\$1,500	NASA	Guy Bluford Event Presentation November 18	Willilams	Angela
Multicultural Affairs				
\$470	Ohio Board of Regents	Student Achievement in Research and Scholarship (STARS) Program	Archer	Serreta
Provost				
\$138,617	NASA Glenn Research Center	Simulation and Performance Analysis for CNS	Konangi	Vijay
\$20,000	NASA Glenn Research Center	Simulation and Performance Analysis for CNS: Phase II	Konangi	Vijay
EDUCATION & HUMAN SERVICES				
CASAL				
\$500,000	Corporation for National and Community Service	Training and Service Learning (TaSL)	Aquila	Frank
\$257,522	Institute of Education Sciences	The Career Passport Program: Development and Refinement	Perry & Schultheiss & Stead & Corrigan	Justin C & Donna & Graham & Diane
\$28,000	Martha Holden Jennings Foundation	Tier II Professional Development Series for Administrators - First Ring Leadership Academy	Morin	Deborah
Curric & Foundations				
\$200,000	Hanban Confucius Institute HQ	Confucius Institute Year 2	Wang	Lih-Ching Chen
\$38,307	Hanban Confucius Institute HQ	Confucius Institute Chinese Cultural Experience Corner	Wang	Lih-Ching Chen
\$30,000	Hanban Confucius Institute HQ	Confucius Instute Book Exhibitions	Wang	Lih-Ching Chen
\$10,431	National Science Foundation through University of Maine-Orono	Evaluation of the Umaine NSF-ITEST Project-IDEAS	Liu	Xiongyi
\$9,750	Hanban Confucius Institute HQ	Confucius Institute Great Wall Computer Hardware	Wang	Lih-Ching Chen

Amount	Sponsor	Title	Principal Investigator	
Dean				
\$2,331,867	US Department of Education through Ohio Department of Education	Reading First - Ohio	Purcell	Teri
\$133,917	US Department of Education through Ohio Department of Education	Reading First - Ohio	Purcell	Teri
\$65,000	Knowledgeworks Foundation	KnowledgeWorks Foundation Data Collection, Analysis, and Reporting	Brown	Sharon
\$57,925	US Department of Education through Ohio Department of Education	Reading First - Ohio	Purcell	Teri
\$6,520	Cleveland Foundation	Summer Internship Program	McLoughlin	James
Nursing				
\$100,000	Robert Wood Johnson Foundation	New Careers in Nursing Scholarship Program	Delgado	Cheryl
Teacher Education				
\$248,440	U.S. Department of Education	Project Reach	Angelova & Wilberschied & Kim	Maria & Lee & Hoe
\$201,475	US Department of Education through Ohio Department of Education	Partnering for Success	Goodell	Joanne & Jackson & Phillips-Bey
\$148,483	U.S. Department of Education through University of Texas, Austin	CSUTeach	Goodell & Jackson	Joanne & Debbie
\$65,000	Ohio Board of Regents through Miami University	Improving STEM Teacher Preparation: A Long Term Investment	Goodell	Joanne
\$36,000	Martha Holden Jennigns Foundation	CHAMPS 2010	Ferguson	Robert
\$28,652	Kaiser Permanente	CHAMPS	Ferguson & Johnson	Robert & Brenda
\$15,000	Ohio Department of Education	Reading Comprehension and Differentiated Instruction	Purcell	Terri
\$11,000	American Association for the Advancement of Science (AAAS)	"Creating Standards-Based Science Lessons Inspired by Public Policy"	Ferguson & Jackson	Robert & Debbie

Amount	Sponsor	Title	Principal Investigator	
ENGINEERING				
Chem & Biomed				
\$474,700	Ohio Board of Regents	Engineering Across the Pipeline	Gatica & Schoof & Charity	Jorge & Schoof & Charity
\$450,000	National Science Foundation	Materials World Network: Synthesis and Characterization of Functional Molecular Building Blocks for Responsive Materials	Holland	Nolan
\$100,000	NASA Headquarters	Strain-Tolerant Self-Sensing Environmental Barrier Coating for SiC/SiC Ceramic Matrix Composites and Si3N4 Ceramics	Tewari & Aziz	Surendra & Ali-Abdul
\$72,000	NASA Glenn Research Center	Development of Acoustics, Tomography and Radiography Sciences and Facilities Operations	Tewari & Aziz	Surendra & Ali-Abdul
\$52,658	NASA Glenn Research Center	Planar Optical Diagnostics for flow Field Measurements and Optical Systems Build Up	Tewari & Aziz	Surendra & Ali-Abdul
\$52,000	NASA Glenn Research Center	Propulsion Health Monitoring System Dev & Instrumententaton	Tewari & Aziz	Surendra & Ali-Abdul
\$50,000	NASA Glenn Research Center	Development of Acoustics, Tomography and Radiography Sciences and Facilities Operations	Tewari & Aziz	Surendra & Ali-Abdul
\$43,465	NASA through The University of Arizona	Effect of Convection and Step-Change in Growth Speed on Dendritic Array Morphology During Directional Solidification	Tewari	Surendra
\$43,427	NASA Glenn Research Center	Integration of NDE and Finite Elements Modeling & Image Visualization	Tewari & Aziz	Surendra & Ali-Abdul
\$40,019	NASA Glenn Research Center	Propulsion Health Monitoring System Dev & Instrumententaton	Tewari & Aziz	Surendra & Ali-Abdul
\$31,968	NASA Glenn Research Center	Integration of NDE and Finite Elements Modeling & Image Visualization	Tewari & Aziz	Surendra & Ali-Abdul
\$19,584	Algaeventure Systems	Medium Design for Optimal Algae Growth and Lipid Production	Belovich	Joanne
\$15,300	NASA Glenn Research Center	Development of Acoustics, Tomography and Radiography Sciences and Facilities Operations	Tewari & Aziz	Surendra & Ali-Abdul
\$15,000	NASA Glenn Research Center	Integration of NDE and Finite Elements Modeling & Image Visualization	Tewari & Aziz	Surendra & Ali-Abdul
\$10,000	NASA Glenn Research Center	Integration of NDE and Finite Elements Modeling & Image Visualization	Tewari & Aziz	Surendra & Ali-Abdul
Civil & Environmental				
\$500,000	National Science Foundation	Implementation and Assessment of Failure Case Studies in the Engineering Curriculum	Delatte & Bosela & Bagaka's	Norbert & Paul & Joshua
\$463,400	US Department of Transportation	Work Zone Safety and Efficiency	Duffy	Stephen
\$269,849	US Department of Energy	Modeling Stress Strain Relationships and Predicting Failure Probabilities for Graphite Core Components	Duffy	Stephen

Amount	Sponsor	Title	Principal Investigator	
\$156,999	National Science Foundation via Arizona State University	An Integrated Framework for Creation and Assessment of Sustainable Construction Processes	Delatte	Norbert
\$70,000	US Department of Transportation Federal Highway Administration	Feasibility of expanding use of steel slag as a concrete pavement aggregate	Bosela & Delatte	Paul & Norbert
\$20,000	Ohio Department of Transportation	Study of Bankfull Culvert Design Effectiveness	Tumeo	Mark
\$19,913	Ohio Department of Health	Risk-Based Approach for Examinaing VSD in On-Site Wastewater Disposal Systems	Tumeo	Mark
Dean				
\$13,000	Ohio Space Grant Consortium	NASA/OSGC Scholarships for Engineering Students (2008-2009)	Charity	Pam
\$4,000	Ohio Space Grant Consortium	NASA/OSGC Scholarships for Engineering Students (2008-2009)	Charity	Pam
Electrical & Computer				
\$82,000	American Diabetes Association	Stabilization of Immobilized Enzymes for Implantable Glucose Monitoring Devices	Yau	Siu-Tung
\$74,795	Ohio Department of Development through Cleveland Clinic Foundation	Rapid Rehabilitation and Return to Function for Amputee Soldiers	Simon	Daniel
\$20,000	Nat'l Superconducting Cyclotron Lab of Michigan State Univ	Development of Active Disturbance Rejection Based RF Control For Superconducting	Gao	Zhiqiang
\$16,000	National Science Foundation	Towards a Lightweight Highly Dependable Storage System for Home Networks (REU Supplement)	Zhao, Sridhar, Yu, Fu	Wenbing, Nigamanth, Chansu, Yongjian
\$16,000	National Science Foundation	Efficient Multi-Threading for Embedded Networked Systems - REU Supplement	Sridhar	Nigamanth
\$16,000	National Science Foundation	Towards Verifiable Programs for Reactive Systems (Request for REU Supplement)	Sridhar	Nigamanth
\$15,000	National Science Foundation	Travel Support for Students Attending the 2009 ACM Symposium on Embedded Networked Sensor Systems	Sridhar	Nigamanth
\$12,000	National Science Foundation	REU Supplement for CMMI Grant 0826124	Simon	Daniel
\$987	Oviation Polymers Inc.	System Response Characteristics of Carbon Nanotube Compounds	Simon	Daniel
Mechanical				
\$530,000	US Army Power Division via General Technical Svces LLC	Production of High Conductivity Steel and Copper Nanocomposites	Nayfeh	Taysir

Amount	Sponsor	Title	Principal Investigator	
\$87,612	NASA Headquarters	Smart Structural Health Monitoring of Rotating Components Using Active Magnetic Force Actuators	Sawicki	Jerzy
\$70,000	NASA Glenn Research Center	Non-Destructive Evaluation and Structural Health Monitoring of Advanced Composit Materials and Propulsion Systems	Sawicki	Jerzy
\$50,000	State of Ohio through Global Cooling Manufacturing, Inc.	Advanced Commercial Stirling Cooler Development for Integration into Diverse Market Applications	Ibrahim	Mounir
\$47,500	NASA Glenn Research Center	Non-Destructive Evaluation and Structural Health Monitoring of Advanced Composit Materials and Propulsion Systems	Sawicki	Jerzy
\$29,204	NASA Headquarters	Smart Structural Health Monitoring of Rotating Components Using Active Magnetic Force Actuators	Sawicki	Jerzy
LIBERAL ARTS & SOCIAL SCIENCES				
Art Gallery				
\$3,463	Ohio Arts Council	Sustainability 2010	Thurmer	Robert
History				
\$110,547	U.S. Department of Education through Educational Services Center of Cuyahoga County	The Sounds of American History	Tebeau	Mark
\$48,600	U.S. Department of Education through Educational Services Center of Cuyahoga County	The Sounds of American History	Tebeau	Mark
Music				
\$20,000	Cleveland Foundation	Cleveland Arts Education Consortium Manager	Shames	Kay
\$10,000	Cleveland Foundation	Cleveland Arts Education Consortium	Shames & Ryder	Kay & Judith
\$5,000	Cleveland Foundation	Cleveland Arts Education Consortium - General Operating	Shames	Kay
\$3,225	National String Project Consortium	CSU String Project	Liva	Victor
\$3,225	National String Project Consortium	CSU String Project	Liva	Victor
\$2,000	Cyrus Eaton Foundation	Cleveland Arts Education Consortium - General Operating	Shames	Kay

Amount	Sponsor	Title	Principal Investigator	
Social Work				
\$246,500	US Department of Health through Ohio Department of Job and Family Services	Child Welfare Workforce Professional Education Program (CWWPEP)	Jackson	Maggie
Sociology				
\$60,511	Cuyahoga County Prosecutor's Office	Examining the Application of Discretion in Police Decision Making in Cuyahoga County	Regoczi, Kent, Dunn & Bowen	Wendy, Stephanie, Ronnie & Bill
SCIENCE & HEALTH PROFESSIONS				
Bio, Geo, Environ				
\$368,363	National Science Foundation	U12-dependent Spliceosomal snRNAs	Shukla	Girish
\$273,742	National Institute of Allergy and Infectious Diseases	Characterization of Trypanosome Telomere Complex	Li	Bibo
\$272,075	National Science Foundation	Urban Parks and Vacant Lands as Mechanisms of Ecological and Social Stability in the Cleveland Urban Ecosystem	Walton	B. Michael
\$253,231	National Science Foundation	Late Holocene Climate Variability From Eolian Lake Sediments in Relict San Luis Lakes	Yuan	Fasong
\$219,520	U.S. Department of Education	Cleveland State University McNair Scholars Program	Sarveswaran	Vallipuram
\$213,000	National Institutes of Health	Molecular Regulation of Skeletal Myoblast Apoptosis (ARRA Competitive Revision)	Weyman	Crystal
\$120,000	Human Frontier Science Program (HFSP)	Kinetic Control of co-translational protein folding by translational pausing	Komar	Anton
\$77,000	American Heart Association	Pharmacological Modulation of Cardiovascular Circadian Clock	Kondratov	Roman
\$67,938	National Institutes of Health	Functional Analysis of the Synaptoenmal Complet-Administrative Supplement BOERN08	Boerner	Valentin
\$65,000	American Heart Association (AHA)	Novel Approach to Create Chimeric Proteins for Therapeutic Applications	Komar	Anton
\$60,500	American Heart Association	Resolution of Cellular Inflammation: Role of Translational Silencing	Mazumder	Barsanjit
\$58,220	National Institutes of Health	Circadian Control of ROS Homeostatis	Kondratov	Roman
\$24,999	Cuyahoga County Planning Commission	Baseline Assessment and Monitoring of Larval Fish Habitat Enhancements in Cuyahoga River	Wolin	Julie
\$21,000	American Heart Association	Extra-ribosomal Function of Ribosomal Protein L13a in Translational Silencing and Monocyte Mediated Oxidation of LDL	Mazumder & Das	Barsanjit & Priyanka

Amount	Sponsor	Title	Principal Investigator	
\$20,000	OBR - Research Challenge Fund	Characterization of T. Brucei Tin2 Function in Antigenic Variation	Li	Bibo
\$14,707	Ohio Lake Erie Commission	Protecting Mussel Habitat on Lake Erie's Coast	Krebs	Robert
\$3,500	OBR - Research Challenge Fund	Faculty Release Time	Li	Bibo
Chemistry				
\$514,962	National Science Foundation	MRI: Acquisition of an LC-MS/MS System by Cleveland State University	Xu & Anderson	Yan & David
\$500,805	National Institutes of Health through Cleveland Clinic Foundation	Biophysical and Computational Chemistry Core	Gogonea	Valentin
\$306,900	National Institute of Health	Recombinant and Chemo-/Bio-Orthogonal Synthesis of Liposomal Thrombomodulin	Sun	Xue-Long
\$255,000	National Science Foundation	Mechanistic Insights into Nitric Oxide Synthase Catalytic Function	Bayachou	Mekki
\$130,656	US Department of Education	GAANN Chemistry Scholars	Xu & Anderson & Ng	Yan & David & Lily
\$80,000	OBR - Research Challenge Fund	Efficacy of Kinase	Kalafatis	Michael
\$20,000	OBR - Research Challenge Fund	Deciphering the role of DNA-Pkes in the Dna damage response through a Cyclin E Fragment	Bayachou	Mekki
\$10,000	National Science Foundation through Ohio State University Research Foundation	Ohio Consortium for Undergraduate Research: Research Experiences to Enhance Learning (REEL)	Wej	Robert
\$4,782	Case Western Reserve University	Summer Collaborative Research Agreement	Anderson	David
\$2,800	American Chemical Society	Computational Chemistry of Potential New High Energy Materials	Ball	David
\$204	National Institutes of Health/Predocctoral Minority Fellowship Program (T31)	Factor Va Regulation of Prothrombinase Activity	Kalafatis	Michael
Dean				
\$49,593	Ohio Board of Regents	Choose Ohio First Engaged Scholarship Programs in Bioscience and Healthcare	Bonder	Bette
\$27,312	Ohio Board of Regents	Choose Ohio First Engaged Scholarship Programs in Bioscience and Healthcare	Bonder	Bette
\$5,000	OBR - Research Challenge Fund	Professional Services	Anderson	David

Amount	Sponsor	Title	Principal Investigator	
Health Sciences				
\$53,965	US Department of Health and Human Services through Case Western Reserve University	Geriatric Education Centers	Bonder	Bette
\$19,979	OBR - Research Challenge Fund	Examine and Identify Physician and physician assistant Workforce Distribution and Supply Projection in Metro vs rural area of Ohio	He	Xiaoxing
Math				
\$193,751	National Science Foundation	Flash applets for WeBWork online homework system	Margolius & Wu	Barbara & Yuping
\$14,984	National Security Agency	Sparse Polynomial Systems: Residues and Duality, Toric Codes, and Lattice Points in Polytopes	Soprunov	Ivan
\$10,915	OBR - Research Challenge Fund	Evaluation Fibrations from Sectional Category Point of View	Lupton	Gregory
Physics				
\$76,648	National Institutes of Health	Flow Effects on Primary Cilium Deflection	Resnick	Andrew
\$720	General Electric	Experimental Coatings Deposition	Fodor	Petru S
Psychology				
\$9,106	OBR - Research Challenge Fund	Understanding PTSD in Pregnant Women	Doane	Lisa
UNDERGRADUATE STUDIES				
Honors Program				
\$75,488	Ohio Board of Regents	Student Success in Mathematics	Margolius	Barbara
URBAN				
Dean				
\$110,000	Industrial Resource Centers of Pennsylvania	Best Manufacturing Practices in Pennsylvania	Hill & Lendel	Edward & Iryna
\$9,301	Cleveland Clinic	Cleveland Clinic Internship - External Affairs	Singer	Rachel
\$7,500	The Cleveland Foundation	Beyond Foreclosure: A Series of Public Policy Forums	Hexter	Kathryn
Health Equity				
\$7,571	The Center for Community Solutions	Treuhaft Chair in Health Planning Initiative	Whitt	Peter

Amount	Sponsor	Title	Principal Investigator	
NODIS				
\$16,341	Chicago Metropolitan Agency for Planning	Indicators of Civic Engagement and Health	Salling	Mark
\$15,002	TeamNEO	Quarterly Northeast Ohio ZIP Code Occupation Matrix	Salling	Mark
Research & Public Policy				
\$245,911	U.S. EPA	Great Lakes Environmental Finance Center 2009 - 2010	O'Brien	Kevin
\$222,222	United States EPA	Great Lakes Environmental Finance Center 2010-2011	O'Brien	Kevin
\$184,000	Ohio Board of Regents	Center for the Interdisciplinary study of Education and Leadership in Public Service	Drake	Grace
\$159,200	Ohio Board of Regents	Advancement of Women in Public Service	Drake	Grace
\$150,319	Economic Development Administration	FY 2009 University Center Economic Development Program	Austrian	Ziona
\$139,615	U.S. Department of Commerce via Upjohn Institute	EDD and CEDS Evaluation Research Project	O'Brien	Kevin
\$100,200	Fund for Our Economic Future	Dashboard Update 2010 & 2011	Austrian	Ziona
\$85,194	Northeast Ohio Regional Sewer District	Economic Impact of the Capital Improvement Program	Austrian	Ziona
\$72,100	Community Partnership for Arts and Culture	Economic Impact of Cleveland Music Subsector, 2010	Lendel	Iryna
\$63,000	Berea Community Development thru Cleveland Aerotropolis Exploratory Team	Exploring the Feasibility of an Aerotropolis at Cleveland Hopkins International Airport	O'Brien	Kevin
\$60,000	Cuyahoga County Department of Development	Cuyahoga County Foreclosure Prevention Services Evaluation	Hexter	Kathryn
\$53,733	National Science Foundation through University of North Carolina	State Science Policies: Modeling Their Origins, Nature, Fit and Effects on Local Universities	Lendel	Iryna
\$53,127	Economic Development Administration thru University of Michigan	CEAP Program	Austrian	Ziona
\$44,938	The Urban Institute	Revitalizing Older Suburbs	Hexter	Kathryn
\$38,940	City of Parma	Consolidated Public Safety Dispatch Center Feasibility: The Next Steps	Shimek	Daila

Amount	Sponsor	Title	Principal Investigator	
\$35,616	Merchandising Mart Properties, Inc.	Economic Impact of the Cleveland Medical Mart and Convention Center	O'Brien & Robey	Kevin & Claudette
\$35,251	Community Partnership for Arts and Culture	AHWRO Research Project	Salling	Mark
\$31,900	NorTech	The High Tech Sector in Northeast Ohio: 2009 Update	Austrian	Ziona
\$30,427	The Center for Community solutions	William Family Fellow	Salling	Mark
\$30,427	The Center for Community solutions	William Family Fellow	Salling	Mark
\$27,872	The Center for Community Solutions	The Council on Older Persons Initiative	Hexter	Kathryn
\$25,469	Ohio Secretary of State	Mock Districting Plan, Training, Manual, Consulting, and Plan Evaluation	Salling	Mark
\$25,300	JumpStart	JumpStart Economic Impact	Austrian	Ziona
\$24,999	NASA Glenn Research Center	An Economic Impact Study, 2009 Update	Austrian	Ziona
\$23,250	Cleveland-Cuyahoga Port Authority	Redeveloping the Waterfront: An Economic Impact Analysis	Austrian	Ziona
\$21,905	NEORSD via Raftelis Financial Consultants, Inc.	Northeast Ohio Regional Sewer District Rate Study: Flow Projections, Economic Impact, and Affordability Programs	Salling	Mark
\$15,156	Cuyahoga County Dept of Development	Evaluation of the Cuyahoga County Foreclosure Initiative,	Hexter	Kathryn
\$11,703	The Ohio Manufactures Association	Data for the 2010 Ohio Election Guide	Salling	Mark
\$11,631	The Center for Community Solutions	ADAMHS Board of Cuyahoga County 2010 Needs Assessment	Salling	Mark
\$10,000	Weston Hurd, LLP	Market Area Demographic Profiles for Automobile Dealerships in Northeast Ohio	Salling	Mark
\$10,000	Ohio Attorney General's Office via Empowering and Strenghtening Ohio's People - ESOP	Evaluation of Statewide Foreclosure Prevention Counseling Program	Hexter	Kathryn
\$10,000	Cuyahoga County Treasurer's Office	Cuyahoga County Foreclosure Prevention Evaluation	Hexter	Kathryn
\$5,400	Ohio Manufacturers' Association	Automotive Industry Data	Austrian	Ziona

Amount	Sponsor	Title	Principal Investigator	
\$5,000	Cuyahoga County Treasurer's Office	Cuyahoga County Foreclosure Prevention Evaluation	Hexter	Kathryn
\$1,196	University Hospitals Health System	Geocoding and Assignment of Geographic Data	Salling	Mark
Urban Studies				
\$275,000	Ohio Water Resources Council	Statewide Best Local Land Use Practices Ohio Water Resources Council	Date	Kirby
\$199,678	Cuyahoga County Board of Commissioners	Cuyahoga County Career Executive Service Year Four	Tyler	Zoe
\$153,101	Cuyahoga County Board of Commissioners	EFS Mangement Development Program	Tyler	Zoe
\$37,800	The Center for Community Solutions	Regional Tax Growth Sharing and Land Use	Date	Kirby
\$37,800	Fund for our Economic Future via Regional Prosperity Initiative	Regional Tax Growth Sharing and Land Use	Date	Kirby
\$37,500	Greater Cincinnati Workforce Network via Christopher Spence and Colleagues	Evaluation of the Greater Cincinnati Workforce Network	Elvery	Joel
\$29,763	Ohio Lake Erie Commission	Statewide Best Local Land Use Practices Program Lake Erie Basin	Date	Kirby
\$29,167	Boys and Girls Clubs of Cleveland	Decade to be Great Outcome Measurements	Noble & Mendel	Faith & Stuart
\$20,000	The Generation Foundation	The Center for Energy Policy and Urban Change	Bowen	William
\$20,000	The Cleveland Foundation	The Center for Energy Policy and Urban Change	Bowen	William
\$20,000	The Gund Foundation	The Center for Energy Policy and Urban Change	Bowen	William
\$15,000	City of South Euclid	South Euclid Open Space Plan	Date	Kirby
\$12,000	USDA Forest Service	USDA Forest Service Volunteerism Study	Brudney	Jeffrey
\$8,190	Ohio Lake Erie Commission	Statewide Best Local Land Use Practices Program Lake Erie Basin	Date	Kirby
\$1,504	Albert and Audrey Ratner Foundation	Governance and the Economic and Social Development of Contested Space	Rosentraub	Mark

Note: The Total Dollars of Awards in this report may differ from the totals contained in the Summary Comparison Section. This is due to the effect of cumulative transactions which cross reporting time periods.