

**Cleveland State University**  
**Office of the Vice President for Research**  
Office of Sponsored Programs and Research  
Jerzy T. Sawicki, Ph.D.

**YEAR-TO-DATE SUMMARY COMPARISON**

July 1, 2012 - June 30, 2013

and

July 1, 2011 - June 30, 2012

**Awards**

	Dollars			% Change (Total)	Numbers	
	Direct	Indirect	Total			% Change
2012-2013	\$ 10,596,508	\$ 1,451,230	\$ 12,047,738	-10.6%	132	-11.4%
2011-2012	\$ 11,847,253	\$ 1,636,495	\$ 13,483,748		149	

**Proposals**

	Dollars			% Change (Total)	Numbers	
	Direct	Indirect	Total			% Change
2012-2013	\$ 42,857,825	\$ 12,789,993	\$ 55,647,818	-24.8%	206	-20.5%
2011-2012	\$ 60,008,035	\$ 13,988,590	\$ 73,996,625		259	

**Expenditures**

	Dollars			% Change (Total)
	Direct	Indirect	Total	
2012-2013	\$ 15,197,977	\$ 1,509,455	\$ 16,707,432	-15.5%
2011-2012	\$ 17,993,479	\$ 1,773,105	\$ 19,766,584	

**Awards** *Includes Total Project Award Amount*  
**Monthly Comparison**

	Fiscal Year 2013			Fiscal Year 2012		
	Direct	Indirect	Total	Direct	Indirect	Total
July	\$ 375,829	\$ 8,960	\$ 384,789	\$ 1,432,230	\$ 108,857	\$ 1,541,087
August	\$ 1,280,254	\$ 228,508	\$ 1,508,762	\$ 941,294	\$ 155,991	\$ 1,097,285
September	\$ 1,059,146	\$ 63,881	\$ 1,123,027	\$ 2,798,036	\$ 798,599	\$ 3,596,635
October	\$ 1,587,874	\$ 329,454	\$ 1,917,328	\$ 259,048	\$ 40,632	\$ 299,680
November	\$ 1,671,103	\$ 133,959	\$ 1,805,062	\$ 224,425	\$ 39,054	\$ 263,479
December	\$ 155,610	\$ 41,339	\$ 196,949	\$ 80,400	\$ 7,516	\$ 87,916
January	\$ 859,191	\$ 196,157	\$ 1,055,348	\$ 2,102,088	\$ 98,455	\$ 2,200,543
February	\$ 302,811	\$ 60,509	\$ 363,320	\$ 128,896	\$ 15,798	\$ 144,694
March	\$ 1,005,033	\$ 131,166	\$ 1,136,199	\$ 366,943	\$ 53,602	\$ 420,545
April	\$ 984,894	\$ 109,440	\$ 1,094,334	\$ 965,353	\$ 46,862	\$ 1,012,215
May	\$ 728,489	\$ 33,536	\$ 762,025	\$ 791,318	\$ 90,993	\$ 882,311
June	\$ 586,274	\$ 114,321	\$ 700,595	\$ 1,757,222	\$ 180,136	\$ 1,937,358
<b>Totals</b>						
July - June	\$ 10,596,508	\$ 1,451,230	\$ 12,047,738	\$ 11,847,253	\$ 1,636,495	\$ 13,483,748
Fiscal Year	\$ 10,596,508	\$ 1,451,230	\$ 12,047,738	\$ 11,847,253	\$ 1,636,495	\$ 13,483,748

**Cleveland State University**  
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Jerzy T. Sawicki, Ph.D.

<b>Proposals</b>							
<b>Monthly Comparison</b>							
	<b>Fiscal Year 2013</b>			<b>Fiscal Year 2012</b>			
	Direct	Indirect	Total	Direct	Indirect	Total	
July	\$ 1,969,783	\$ 507,838	\$ 2,477,621	\$ 2,402,899	\$ 627,699	\$ 3,030,598	
August	\$ 898,397	\$ 104,931	\$ 1,003,328	\$ 5,594,974	\$ 947,201	\$ 6,542,175	
September	\$ 12,119,215	\$ 3,716,207	\$ 15,835,422	\$ 4,954,228	\$ 1,330,873	\$ 6,285,101	
October	\$ 2,549,923	\$ 710,054	\$ 3,259,977	\$ 10,098,174	\$ 2,256,556	\$ 12,354,730	
November	\$ 2,613,002	\$ 910,035	\$ 3,523,037	\$ 2,876,476	\$ 917,463	\$ 3,793,939	
December	\$ 2,568,828	\$ 1,088,843	\$ 3,657,671	\$ 4,332,751	\$ 941,916	\$ 5,274,667	
January	\$ 4,187,062	\$ 1,193,463	\$ 5,380,525	\$ 9,744,857	\$ 3,115,502	\$ 12,860,359	
February	\$ 5,652,829	\$ 1,298,893	\$ 6,951,722	\$ 5,962,861	\$ 1,295,999	\$ 7,258,860	
March	\$ 4,354,020	\$ 1,144,406	\$ 5,498,426	\$ 5,201,048	\$ 1,014,814	\$ 6,215,862	
April	\$ 578,921	\$ 73,559	\$ 652,480	\$ 3,058,873	\$ 576,309	\$ 3,635,182	
May	\$ 1,746,252	\$ 669,599	\$ 2,415,851	\$ 1,462,971	\$ 248,193	\$ 1,711,164	
June	\$ 3,619,593	\$ 1,372,165	\$ 4,991,758	\$ 4,317,923	\$ 716,065	\$ 5,033,988	
<b>Totals</b>							
July - June	\$ 42,857,825	\$ 12,789,993	\$ 55,647,818	\$ 60,008,035	\$ 13,988,590	\$ 73,996,625	
Fiscal Year	\$ 42,857,825	\$ 12,789,993	\$ 55,647,818	\$ 60,008,035	\$ 13,988,590	\$ 73,996,625	

<b>*Expenditures</b>							
<b>Monthly Comparison</b>							
	<b>Fiscal Year 2013</b>			<b>Fiscal Year 2012</b>			
	Direct	Indirect	Total	Direct	Indirect	Total	
July	\$ (386,706)	\$ 185,005	\$ (201,701)	\$ 835,895	\$ 189,132	\$ 1,025,027	
August	\$ 2,210,120	\$ 133,856	\$ 2,343,976	\$ 1,314,688	\$ 173,001	\$ 1,487,689	
September	\$ 1,000,481	\$ 117,065	\$ 1,117,547	\$ 1,122,551	\$ 152,635	\$ 1,275,186	
October	\$ 1,260,378	\$ 107,511	\$ 1,367,889	\$ 1,679,964	\$ 112,709	\$ 1,792,673	
November	\$ 562,818	\$ 70,566	\$ 633,384	\$ 796,302	\$ 166,945	\$ 963,247	
December	\$ 1,059,569	\$ 112,875	\$ 1,172,444	\$ 886,700	\$ 91,409	\$ 978,109	
January	\$ 3,353,156	\$ 101,194	\$ 3,454,351	\$ 1,938,282	\$ 129,249	\$ 2,067,531	
February	\$ 1,302,848	\$ 106,445	\$ 1,409,293	\$ 1,820,315	\$ 124,246	\$ 1,944,561	
March	\$ 1,195,293	\$ 116,685	\$ 1,311,978	\$ 1,104,798	\$ 127,569	\$ 1,232,367	
April	\$ 726,386	\$ 113,695	\$ 840,081	\$ 1,572,601	\$ 120,351	\$ 1,692,952	
May	\$ 938,670	\$ 51,827	\$ 990,497	\$ 1,839,667	\$ 103,959	\$ 1,943,626	
June	\$ 1,974,965	\$ 292,730	\$ 2,267,695	\$ 3,081,718	\$ 281,900	\$ 3,363,618	
<b>Totals</b>							
July - June	\$ 15,197,977	\$ 1,509,455	\$ 16,707,432	\$ 17,993,479	\$ 1,773,105	\$ 19,766,584	
CSU Fiscal Year	\$ 15,197,977	\$ 1,509,455	\$ 16,707,432	\$ 17,993,479	\$ 1,773,105	\$ 19,766,584	
CCF Fiscal Year			\$ -	\$ 30,553,528	\$ 14,371,730	\$ 44,925,258	
<b>Grand Total</b>	\$ 15,197,977	\$ 1,509,455	\$ 16,707,432	\$ 48,547,007	\$ 16,144,835	\$ 64,691,842	

\*Final expenditure data was revised to reflect accounting adjustments made by the Controller's Office.

**Cleveland State University**  
**Office of the Vice President for Research**  
Office of Sponsored Programs and Research  
Jerzy T. Sawicki, Ph.D.

**YEAR-TO-DATE SUMMARY COMPARISON - AWARDS**

July 1, 2012 - June 30, 2013

and

July 1, 2011 - June 30, 2012

College/Division Awards <i>Includes Total Project Award Amount</i>	Fiscal Year 2013				Fiscal Year 2012			
	Direct	Indirect	Total	Count	Direct	Indirect	Total	Count
College of Business Administration	\$ 225,000	\$ -	\$ 225,000	7	\$ 259,750	\$ -	\$ 259,750	9
College of Education & Human Services	\$ 1,387,797	\$ 15,858	\$ 1,403,655	12	\$ 1,784,052	\$ 144,478	\$ 1,928,530	9
College of Engineering	\$ 1,266,269	\$ 231,468	\$ 1,497,737	26	\$ 831,800	\$ 165,845	\$ 997,645	21
College of Law	\$ -	\$ -	\$ -	0	\$ 5,000	\$ -	\$ 5,000	1
College of Liberal Arts & Social Sciences	\$ 224,301	\$ 28,111	\$ 252,412	16	\$ 536,224	\$ 101,044	\$ 637,268	25
School of Nursing	\$ 307,328	\$ 19,798	\$ 327,126	4	\$ 121,262	\$ -	\$ 121,262	4
College of Sciences & Health Professions	\$ 4,605,757	\$ 918,688	\$ 5,524,445	24	\$ 3,538,840	\$ 754,999	\$ 4,293,839	22
College of Urban Affairs	\$ 1,393,669	\$ 221,563	\$ 1,615,232	34	\$ 2,629,283	\$ 467,856	\$ 3,097,139	51
Central Administration	\$ 1,186,387	\$ 15,744	\$ 1,202,131	9	\$ 2,141,042	\$ 2,273	\$ 2,143,315	7
Undergraduate Studies	\$ -	\$ -	\$ -	0	\$ -	\$ -	\$ -	0
<b>July - June Totals</b>	<b>\$ 10,596,508</b>	<b>\$ 1,451,230</b>	<b>\$ 12,047,738</b>	<b>132</b>	<b>\$ 11,847,253</b>	<b>\$ 1,636,495</b>	<b>\$ 13,483,748</b>	<b>149</b>

# Cleveland State University

Office of the Vice President for Research

Office of Sponsored Programs and Research

Jerzy T. Sawicki, Ph.D.

## YEAR-TO-DATE SUMMARY COMPARISON - PROPOSALS

July 1, 2012 - June 30, 2013

and

July 1, 2011 - June 30, 2012

### College/Division

### Proposals

	Fiscal Year 2013				Fiscal Year 2012			
	Direct	Indirect	Total	Count	Direct	Indirect	Total	Count
College of Business Administration	\$ 857,114	\$ 152,286	\$ 1,009,400	10	\$ 1,251,992	\$ 239,443	\$ 1,491,435	8
College of Education & Human Services	\$ 2,286,034	\$ 684,482	\$ 2,970,516	18	\$ 4,630,088	\$ 262,309	\$ 4,892,397	20
College of Engineering	\$ 12,228,034	\$ 4,099,804	\$ 16,327,838	44	\$ 17,320,178	\$ 4,372,631	\$ 21,692,809	58
College of Law	\$ -	\$ -	\$ -	0	\$ 5,000	\$ -	\$ 5,000	1
College of Liberal Arts & Social Sciences	\$ 880,082	\$ 316,974	\$ 1,197,056	22	\$ 3,038,504	\$ 910,228	\$ 3,948,732	35
School of Nursing	\$ 319,080	\$ 19,798	\$ 338,878	3	\$ 7,810,370	\$ 2,839,009	\$ 10,649,379	4
College of Sciences & Health Professions	\$ 22,432,375	\$ 7,111,131	\$ 29,543,506	50	\$ 18,543,074	\$ 4,576,306	\$ 23,119,380	58
College of Urban Affairs	\$ 2,162,840	\$ 392,196	\$ 2,555,036	49	\$ 3,034,674	\$ 500,459	\$ 3,535,133	63
Central Administration	\$ 1,692,266	\$ 13,322	\$ 1,705,588	10	\$ 4,374,155	\$ 288,205	\$ 4,662,360	12
Undergraduate Studies			\$ -				\$ -	
<b>July - June Totals</b>	<b>\$ 42,857,825</b>	<b>\$ 12,789,993</b>	<b>\$ 55,647,818</b>	<b>206</b>	<b>\$ 60,008,035</b>	<b>\$ 13,988,590</b>	<b>\$ 73,996,625</b>	<b>259</b>

Amount	Sponsor	Title	Principal Investigator	
<b>ENGINEERING</b>				
<b>Chemical &amp; Biomedical</b>				
\$387,818	Invacare Corporation	Next Generator Oxygen Concentrators	Talu and Ungarla	Orhan and Sridhar
\$13,957	NASA Glenn Research Center	Integration of BDE and Finite Elements Modeling & Image Visualization	Tewari and Aziz	Surendra and Ali-Abdul
\$13,068	NASA Glenn Research Center	Propulsion Health Monitoring System Dev & Instrumententaton	Tewari and Aziz	Surendra and Ali-Abdul
<b>NURSING</b>				
<b>Nursing</b>				
\$6,000	U.S.HHS via Ohio Commision on Minority Health	Preventing Diabetes using the Stanford Chronic Disease Diabetes Self Management Program	Thoman and Rutar	Joan and Pamela
<b>SCIENCES &amp; HEALTH PROFESSIONS</b>				
<b>Gene Regulation in Health &amp; Disease</b>				
\$154,000	American Heart Association	Comparative study of nonsynonymous and synonymous mutations causing hemophilia B	Komar	Anton
\$95,823	National Science Foundation via Case Western Reserve University	Novel Biophotonic Probes to Monitor Cellular Metabolism of Nucleosides	Berdis	Anthony
<b>Math</b>				
\$19,930	National Security Agency	Residues and Lattice Polytopes and Applications to Codes	Soprunov	Ivan
<b>URBAN</b>				
<b>Research &amp; Public Policy</b>				
\$10,000	Greater Cleveland Partnership	Analysis of International Flight to Frankfort	Austrian	Ziona

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 Award Activity Detail  
July 1, 2012 through June 30, 2013**

*Supplement to June 2013 Monthly Activity Report*

Amount	Sponsor	Title	Principal Investigator	
<b>BUSINESS</b>				
<b>Dean's Office</b>				
\$60,000	Ohio Department of Development	Cuyahoga SBDC at Cleveland State University	Hart	Colette
\$35,000	US SBA via Ohio Department of Development	ITAC(International Trade Assistance Center) - Cuyahoga	Hart	Colette
\$30,000	US SBA via Ohio Department of Development	ITAC(International Trade Assistance Center) - Toledo	Hart	Colette
\$30,000	US SBA via Ohio Department of Development	ITAC(International Trade Assistance Center) - Toledo	Hart	Colette
\$30,000	US SBA via Ohio Department of Development	ITAC(International Trade Assistance Center) - Cuyahoga	Hart	Colette
\$30,000	US SBA via Ohio Department of Development	Jobs Bill Funds	Hart	Colette
\$10,000	Ohio Department of Development	Cuyahoga SBDC at Cleveland State University	Hart	Colette
<b>CENTRAL ADMINISTRATION</b>				
<b>Career Services</b>				
\$105,923	Cleveland Public Library	CPL America Reads Program	Burt	Yolanda
\$80,304	Cuyahoga County Public Library	America Reads Program	Burt	Yolanda
<b>Provost</b>				
\$40,674	NASA Glenn Research Center	Simulation and Performance Analysis for CNS: Phase II Supplement 000008	Konangi	Vijay
\$40,674	NASA Glenn Research Center	Simulation and Performance Analysis for CNS: Phase II	Konangi	Vijay
<b>Recreation Center</b>				
\$25,117	Ohio Department of National Resources, Division of Watercraft	CSU Boating Safety Education Grant	Rottet	Kim
<b>Registrar's Office</b>				
\$49,000	U.S. Department of Education via Ohio Board of Regents	Ohio e-Transcript Program	Stimple	Janet

<b>Amount</b>	<b>Sponsor</b>	<b>Title</b>	<b>Principal Investigator</b>	
<b>University Engagement</b>				
\$385,439	Ohio Board of Regents	Engaged Learning Internship Program	White	Byron
\$75,000	The Cleveland Foundation	New Pathway Project: Building a Talent Pipeline from the Classroom to the Workforce	White	Byron
<b>VP Research</b>				
\$400,000	Parker Hannifin Foundation	Graduate Research Fellowship Program	Sawicki	Jerzy
<b>EDUCATION &amp; HUMAN SERVICES</b>				
<b>CASAL</b>				
\$25,000	Martha Holden Jennings Foundation	The First Ring Leadership Academy: Tier 1 Professional Development Series	Morin	Deborah
<b>Center for STEMM Education</b>				
\$675,000	KeyBank Foundation via CMSD	The MC2STEM High School	Duffy & Goodell & Jackson	Steve & Joanne & Debbie
\$335,000	KeyBank Foundation via CMSD	The MC2STEM High School	Duffy & Goodell & Jackson	Steve & Joanne & Debbie
<b>Curriculum &amp; Foundations</b>				
\$74,151	Hanban Confucius Institute HQ	Confucius Institute	Wang	Lih-Ching Chen
<b>Dean's Office</b>				
\$50,000	Stocker Foundation	Reading Adventure! Real Stories for Real Knowledge	Gombach	Marlene
<b>GCEDC</b>				
\$28,500	Martha Holden Jennings Foundation	Deep Learning for 21st Century Skills	Kowalski & Gombach	Dennis & Marlene
<b>Teacher Education</b>				
\$88,836	KeyCorp via Cleveland Public Library	College Prep Academy	Purcell	Terri
\$45,946	Federal Highway Administration via CMSD	Transportation Management Pathways: Max S. Hayes Transportation Career Path	Jackson & Duffy & Jenkins & Tukel & Perry	Debbie & Stephen & Jacqueline & Oya & Justin
\$26,876	Martha Holden Jennings Foundation	Careers in Health and Medial Professions (CHAMPS) 2013	Ferguson	Robert
\$25,000	Battelle Memorial Institute	Cleveland Regional STEM Hub & Embeded Support	Jackson	Debbie



<b>Amount</b>	<b>Sponsor</b>	<b>Title</b>	<b>Principal Investigator</b>	
\$17,600	Martha Holden Jennings Foundation	Differentiated Instruction for Campus International School	Gove	Mary
\$11,746	KeyCorp Foundation via Cleveland Public Library	College Prep Academy	Purcell	Terri
<b>ENGINEERING</b>				
<b>Chemical &amp; Biomedical</b>				
\$387,818	Invacare Corporation	Next Generator Oxygen Concentrators	Talu and Ungarla	Orhan and Sridhar
\$131,619	NASA/Marshall Space Flight Center via The University of Arizona	Effect of Varying Convection on Dendrite Morphology and Macroseggregation	Tewari	Surendra
\$50,000	NASA Glenn Research Center	Integration of BDE and Finite Elements Modeling & Image Visualization	Tewari & Aziz	Surendra & Ali-Abdul
\$49,000	NASA Glenn Research Center	Propulsion Health Monitoring System Dev & Instrumententaton	Tewari & Aziz	Surendra & Ali-Abdul
\$29,253	NASA Glenn Research Center	Propulsion Health Monitoring System Dev & Instrumententaton	Tewari & Aziz	Surendra & Ali-Abdul
\$23,977	Invacare Corporation	Characterizing and Benchmarking Zeolite Adsorbents for Oxygen Concentrators	Talu & Ungarala	Orhan & Sridhar
\$13,957	NASA Glenn Research Center	Integration of BDE and Finite Elements Modeling & Image Visualization	Tewari & Aziz	Surendra & Ali-Abdul
\$13,068	NASA Glenn Research Center	Propulsion Health Monitoring System Dev & Instrumententaton	Tewari & Aziz	Surendra & Ali-Abdul
\$10,488	Invacare Corporation	Characterizing and Benchmarking Zeolite Adsorbents for Oxygen Concentrators	Talu & Ungarala	Orhan & Sridhar
<b>Civil &amp; Environmental</b>				
\$167,115	Ohio Department of Transportation	Evaluation of Traffic Flow Analysis and Road User Cost Tools Applied to Work Zones	Jenkins	Jacqueline
\$26,900	Ohio Department of Transportation via Texas A&M University System/Texas Transportation Institute	Evaluation of Ohio Work Zone Speed Zones Process	Jenkins	Jacqueline
<b>Dean's Office</b>				
\$5,000	Ohio Space Grant Consortium	Ohio Space Grant Consortium 2013	Charity	Pamela

Amount	Sponsor	Title	Principal Investigator	
<b>Electrical &amp; Computer</b>				
\$43,200	Ohio Department of Development via Cleveland Clinic Foundation	Rapid Rehabilitation and Return to Function for Amputee Soldiers	Simon & Richter	Daniel & Hanz
\$20,000	Ford Motor Company	Automotive Engine Time-to-Torque Optimization	Simon	Daniel
\$20,000	Ford Motor Company	Automotive Engine Time-to-Torque Optimization	Simon	Daniel
\$16,000	National Science Foundation	REU Supplement - EAGER: Towards Next Generation Anonymous Communication Networks	Zhu	Ye
\$16,000	National Science Foundation	REU Supplement - MRI: Acquisition of Equipment to Establish a Secure and Dependable Computing Infrastructure for Research and Education at CSU - REU Supplement	Zhao	Wenbing
\$9,524	National Science Foundation	REU Supplement - GOALI: Biogeography-Based Optimization of Multiple Related Complex Systems	Simon	Daniel
\$2,000	IEEE Power & Energy Society	Scholarship in Power	Stankovic	Ana
<b>Mechanical</b>				
\$120,000	International Copper Association, LTD.	Hot Extrusion of Ultraconductive Nanocomposite Copper	Nayfeh	Taysir
\$90,000	International Copper Association, LTD.	Hot Extrusion of Ultraconductive Nanocomposite Copper	Nayfeh	Taysir
\$75,000	International Copper Association, LTD.	Hot Extrusion of Ultraconductive Nanocomposite Copper	Nayfeh	Taysir
\$60,000	Rockwell Automation	Industrial Internship Experience at Rockwell	Lin	Paul
\$51,552	NASA Glenn Research Center	Non-Destructive Evaluation and Structural Health Monitoring of Advanced Composite Materials and Propulsion Systems	Sawicki	Jerzy
\$34,266	National Science Foundation	US-Germany collaboration: Achieving breakthroughs in the mechanics of high-temperature ceramic coatings with novel thermal-gradient mechanical fatigue studies	Karlsson	Anette
\$32,000	NASA Glenn Research Center	Non-Destructive Evaluation and Structural Health Monitoring of Advanced Composite Materials and Propulsion Systems	Sawicki	Jerzy
<b>LIBERAL ARTS &amp; SOCIAL SCIENCES</b>				
<b>Anthropology</b>				
\$2,400	Cleveland Archeology Society	The 2013 Cleveland Archeological Society Internship in Archeology	Wanyerka	Phillip

<b>Amount</b>	<b>Sponsor</b>	<b>Title</b>	<b>Principal Investigator</b>	
<b>Art Gallery</b>				
\$7,728	Ohio Arts Council	Sustainability 2013	Thurmer	Robert
<b>Communication</b>				
\$30,000	William J. and Dorothy K. O'Niell Foundation	Film and Digital Media Center Infrastructure Initiative	Ray	George
<b>Economics</b>				
\$20,389	National Science Foundation	The Economic Spillovers from Science	Saha	Subhra
<b>History</b>				
\$46,400	National Endowment of the Humanities	American Research in China Fellowship	Kang	Wenqing
\$5,420	Town of Mt. Pleasant South Carolina	Mt. Pleasant Historical	Tebeau	Mark
<b>Music</b>				
\$10,000	George Gund Foundation	Managing the Cleveland Arts Education Consortium	Ryder	Judith
\$6,000	Kulas Foundation	Student Ticket Program AY 12-13	Browning	Birch
\$5,000	Nord Family Foundation	Cleveland Arts Education Consortium - Strengthening the Arts	Ryder	Judith
\$2,500	Dominion Foundation	Taking the Arts to Parents and Neighborhoods	Ryder	Judith
\$2,000	Cyrus Eaton Foundation	Cleveland Arts Education Program - Project Support	Ryder	Judith
<b>Political Science</b>				
\$9,941	USAID via University of Iowa	Managing International Water Conflicts	Zawahri	Neda
<b>Sociology</b>				
\$51,847	US Dept of Justice via Cuyahoga County	Family Justice Center: Implementation and Enhancement	Regoeczi	Wendy
\$20,388	National Science Foundation via Ohio State University	Investigating the Short- and Long-Term Causes of Child and Intimate Partner Homicides in the United States, 1959-2010	Regoeczi	Wendy
\$1,000	Association of American Colleges and Universities	The Arts and Sciences of Civic Engagement at an Urban University	Meiskins	Peter

<b>Amount</b>	<b>Sponsor</b>	<b>Title</b>	<b>Principal Investigator</b>	
<b>Theater</b>				
\$31,399	Cuyahoga Arts and Culture	Intersections: Connecting Community through Acts of Intergenerational Creativity	Deering	Lynn
<b>NURSING</b>				
<b>Nursing</b>				
\$211,786	DHHS via Ohio Department of Job and Family Services	MedTAPP Mentor Program	Rutar	Pam
\$75,000	Ohio Board of Regents	OBR Scholarship Programs of Innovation	Zhu & Lock	Jianping & Vida
\$34,340	Health Resources & Services Administration (HRSA)	Educating for the Future of Nursing: Building Capacity with Nursing Educators	Mitchell	Maureen
\$6,000	DHHS via Ohio Commission on Minority Health	Preventing Diabetes using the Stanford Chronic Disease Diabetes Self Management Program	Thoman and Rutar	Joan and Pamela
<b>SCIENCE &amp; HEALTH PROFESSIONS</b>				
<b>Bio, Geo, Environ</b>				
\$1,097,600	U.S. Department of Education	CSU TRIO/McNair Scholars Program	Sarveswaran	Vallipuram
\$23,500	US Geological Survey via AmericaView	Stateview Program Development and Operations for the State of Ohio	Clapham	W. B.
<b>Chemistry</b>				
\$108,610	National Institutes of Health via CWRU	Targeting Tyrosine Phosphatase SHP2 (PTPN11) for the Treatment of Pediatric Leukemias	Xu	Yan
\$95,823	National Science Foundation via Case Western Reserve University	Novel Biophotonic Probes to Monitor Cellular Metabolism of Nucleosides	Berdis	Anthony
\$82,649	National Science Foundation via Case Western Reserve University	Novel Biophotonic Probes to Monitor Cellular Metabolism of Nucleosides	Berdis	Anthony
\$75,000	Ohio Board of Regents	OBR Scholarship Programs of Innovation	Zhu & Ball	Jianping & David
\$15,000	State of Ohio 3rd Frontier Program via Cleveland Clinic	Multi-User Biosensor Integrated Platform	Bayachou	Mekki
\$5,526	NEOMED	Development of LC-MS/MS Method for Determination of NGP-01 Biological Samples (tuition)	Anderson	David
\$5,079	National Science Foundation via Case Western Reserve University	Investigating Promoter Interactions with Various RNA Polymerases	Berdis	Anthony

Amount	Sponsor	Title	Principal Investigator	
<b>Dean's Office</b>				
\$405,340	National Institutes of Health via AAMC/Association of American Colleges	Urban Universities for Health: NEOMED-CSU Partnership	Bond & Perry	Merideth & Justin
<b>Gene Regulation in Health &amp; Disease</b>				
\$436,500	National Institutes of Health	Drug Development of Orally Active Anti-Trypanosomiasis Agents	Su	Bin
\$154,000	American Heart Association	Comparative study of nonsynonymous and synonymous mutations causing hemophilia B	Komar	Anton
<b>Health Sciences</b>				
\$798,748	National Institutes of Health via CASE/MetroHealth Medical Center	Dissemination of Evidence-Based Health Disparity Interventions - Research Education & Training Core	Bonder	Bette
\$500	OPTA	Satisfaction Measurement of Physical Therapy Services at the Free Clinic	Milidonis	Mary
<b>Math</b>				
\$875,628	National Science Foundation	Mathematics Achievement as a STEP for STEM Majors	Holcomb & Duffy & Jackson & Resnick	John & Stephen & Debbie & Andrew
\$600,000	National Science Foundation	University Scholars in STEM	Gold, Duffy, Jackson, Scott, Shridhar	Leah, Stephen, Debbie, Jonathan, Nigamanth
\$338,400	Ohio Board of Regents	OBR Scholarship Programs of Innovation	Zhu & Stella	Jianping & Leah
\$279,430	Air Force Office of Scientific Research (AFOSR)	Statistical Inferences from the Topology of Complex Networks	Bubenik	Peter
\$35,000	Simons Foundation	Topological Complexity, Fibrewise Homotopy, Rational Homotopy	Lupton	Gregory
\$35,000	Simons Foundation	Problems in Topology and Geometry	Oprea	John
\$19,930	National Security Agency	Residues and Lattice Polytopes and Applications to Codes	Soprunov	Ivan
<b>Psychology</b>				
\$25,183	National Institutes of Health via Baldwin Wallace College	Project SHAKTI: Stigma reduction, Health care provider Awareness, & Knowledge enhancement on Transgender Issues, India	Fisher	Leslie
\$7,000	Benjamin Rose Institute on Aging	Fellowship in Applied Aging Research	Judge	Katherine

<b>Amount</b>	<b>Sponsor</b>	<b>Title</b>	<b>Principal Investigator</b>	
\$5,000	HHS Job and Family Services via Ohio's Long-Term Direct Service Workforce	Examining Direct Care Worker Turnover in Various Sectors of the Long-Term Care Industry in Ohio	Judge	Katherine
<b>URBAN</b>				
<b>Dean's Office</b>				
\$86,000	Nonprofit Academic Centers Council Collab	College of Urban Studies and Nonprofit Academic Centers Council Collaboration	Mendel	Stuart
<b>Research &amp; Public Policy</b>				
\$240,618	Cuyahoga County, Dept of Public Safety & Justice	Cuyahoga County Dispatch Consolidation Feasibility Studies	Shimek	Daila
\$165,000	U.S. EPA	Great Lakes Environmental Finance Center	O'Brien	Kevin
\$150,000	Ohio Board of Regents	Center for the Interdisciplinary study of Education and Leadership in Public Service	Drake	Grace
\$100,000	JumpStart	Economic Profile and Entrepreneurial Ecosystem in Jumpstart Regions	Austrian	Ziona
\$100,000	Team NEO	Research Services in Support of Northeast Ohio Regional Economic Competitive Strategy	Austrian	Ziona
\$87,400	Community Partnerships for Arts and Culture	The Cleveland Visual Arts Sector and Its Economic Impact	Lendel	Iryna
\$83,000	EPA via New Mexico Institute of Mining and Technology	Training and Technical Assistance to Improve Financial and Managerial Capacity in Small Public Water Systems	O'Brien	Kevin
\$60,000	Cuyahoga County Department of Development	Cuyahoga County Foreclosure Prevention Program Evaluation, Year 7	Hexter	Kathryn
\$57,096	City of South Euclid	Dispatch Consolidation Feasibility Study: S. Euclid, Beachwood, Euclid, Shaker Hts, University Hts	Shimek & Robey	Daila & Claudette
\$53,201	Ohio Manufacturers Assn.	Typology of Electricity Markets for Manufacturing Users	Lendel	Iryna
\$48,344	Summit County Public Health District	Abandoned and Vacant Properties Database	Salling	Mark
\$39,806	Perry County 911	Perry County Consolidated Public Safety Dispatch Feasibility Study	Shimek & Robey	Daila & Claudette
\$34,700	Northeast Ohio Regional Sewer District	Job Opportunities of the NEORSD Capital Improvement Program	Clouse	Candice
\$30,000	Ohio Lake Erie Commission	Analysis of Water Conservaiton Measures by Industry Sector	Lendel	Iryna
\$30,000	Fund for Our Economic Future	Updated Factor Analysis of What Matters to NE Ohio	Austrian	Ziona

<b>Amount</b>	<b>Sponsor</b>	<b>Title</b>	<b>Principal Investigator</b>	
\$29,501	NASA via Booz Allen Hamilton	Economic Impact Study, 2012 Update	Austrian	Ziona
\$29,500	JumpStart Inc.	The Economic Impact of JumpStart Portfolio and Client Companies, 2012	Ziona	Austrian
\$25,000	Cleveland Foundation	Living Cities Integration Initiative	Austrian	Ziona
\$22,084	Russell Township	Mail Survey of Township Residents	Hexter	Kathryn
\$19,000	Brookings Institution	Metropolitan Policy Program Northeast Ohio Metropolitan Business Plan	Schnoke	Molly
\$18,749	US Dept of Health & Human Services via Westat	Poverty and Service Delivery in Suburban America	Hexter	Kathy
\$16,675	Cleveland Foundation via LAND studio	Green Infrastructure Maintenance Study	Piazza	Merissa
\$12,000	St. Joseph Academy	Abandoned and Vacant Properties Database	Salling	Mark
\$10,000	Greater Cleveland Partnership	Analysis of International Flight to Frankfort	Austrian	Ziona
\$10,000	Welcome House Inc.	Welcome House Facilitation and Planning	Mendel	Stuart
\$9,000	Superlative Group	Defining the Value of Naming Rights for Various Playhouse Square Assets	O'Brien	Kevin
\$9,000	Superlative Group	Dallas Area Rapid Transit Project	O'Brien	Kevin
\$8,211	Center for Community Solutions	Lorain County Council Districting	Salling	Mark
<b>Urban Studies</b>				
\$15,000	Regional Studies Association	Skills, Regions, and Entrepreneurship	Qian	Haifeng
\$5,200	Northeast Ohio Sustainable Communities Consortium	Support for Quality Connected Places Committee	Date	Kirby
\$3,750	Greater Cleveland Partnership	Newly Elected Official Seminar	Ziol	Robert
\$3,750	Northeast Ohio Areawide Coordinating Agency	NOACA Board Retreat Facilitation	Date	Kirby
\$3,647	Cleveland Foundation	Newly Elected Official Seminar	Ziol	Robert

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.