

# 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, 2012 - December 31, 2012

and

July 1, 2011 - December 31, 2011

#### Awards

	Dollars				Numbers	
	Direct	Indirect	Total	% Change (Total)		% Change
2012-2013	\$ 6,129,816	\$ 806,101	\$ 6,935,917	0.7%	66	13.8%
2011-2012	\$ 5,735,433	\$ 1,150,649	\$ 6,886,082		58	

#### Proposals

	Dollars				Numbers	
	Direct	Indirect	Total	% Change (Total)		% Change
2012-2013	\$ 22,719,148	\$ 7,037,908	\$ 29,757,056	-20.2%	98	-15.5%
2011-2012	\$ 30,259,502	\$ 7,021,708	\$ 37,281,210		116	

#### Expenditures

	Dollars			
	Direct	Indirect	Total	% Change (Total)
2012-2013	\$ 7,537,717	\$ 726,878	\$ 8,264,595	2.6%
2011-2012	\$ 7,200,517	\$ 856,332	\$ 8,056,849	

#### 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			\$ -	\$ 2,102,088	\$ 98,455	\$ 2,200,543
February			\$ -	\$ 128,896	\$ 15,798	\$ 144,694
March			\$ -	\$ 366,943	\$ 53,602	\$ 420,545
April			\$ -	\$ 965,353	\$ 46,862	\$ 1,012,215
May			\$ -	\$ 791,318	\$ 90,993	\$ 882,311
June			\$ -	\$ 1,757,222	\$ 180,136	\$ 1,937,358
<b>Totals</b>						
July - December	\$ 6,129,816	\$ 806,101	\$ 6,935,917	\$ 5,735,433	\$ 1,150,649	\$ 6,886,082
Fiscal Year	\$ 6,129,816	\$ 806,101	\$ 6,935,917	\$ 11,847,253	\$ 1,636,495	\$ 13,483,748

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<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			\$ -	\$ 9,744,857	\$ 3,115,502	\$ 12,860,359	
February			\$ -	\$ 5,962,861	\$ 1,295,999	\$ 7,258,860	
March			\$ -	\$ 5,201,048	\$ 1,014,814	\$ 6,215,862	
April			\$ -	\$ 3,058,873	\$ 576,309	\$ 3,635,182	
May			\$ -	\$ 1,462,971	\$ 248,193	\$ 1,711,164	
June			\$ -	\$ 4,317,923	\$ 716,065	\$ 5,033,988	
<b>Totals</b>							
July - December	\$ 22,719,148	\$ 7,037,908	\$ 29,757,056	\$ 30,259,502	\$ 7,021,708	\$ 37,281,210	
Fiscal Year	\$ 22,719,148	\$ 7,037,908	\$ 29,757,056	\$ 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	\$ 1,042,812	\$ 185,005	\$ 1,227,817	\$ 856,926	\$ 179,447	\$ 1,036,373	
August	\$ 2,282,770	\$ 133,856	\$ 2,416,626	\$ 1,393,751	\$ 167,427	\$ 1,561,178	
September	\$ 1,063,362	\$ 117,065	\$ 1,180,428	\$ 1,244,186	\$ 148,505	\$ 1,392,691	
October	\$ 1,339,704	\$ 107,511	\$ 1,447,215	\$ 1,777,070	\$ 109,807	\$ 1,886,877	
November	\$ 656,334	\$ 70,566	\$ 726,901	\$ 922,329	\$ 165,096	\$ 1,087,425	
December	\$ 1,152,734	\$ 112,875	\$ 1,265,609	\$ 1,006,255	\$ 86,050	\$ 1,092,305	
January			\$ -	\$ 1,952,489	\$ 112,800	\$ 2,065,289	
February			\$ -	\$ 1,877,835	\$ 117,740	\$ 1,995,575	
March			\$ -	\$ 1,166,633	\$ 125,277	\$ 1,291,910	
April			\$ -	\$ 1,546,873	\$ 113,934	\$ 1,660,807	
May			\$ -	\$ 1,977,150	\$ 98,602	\$ 2,075,752	
June			\$ -	\$ 2,160,008	\$ 348,420	\$ 2,508,428	
<b>Totals</b>							
July - December	\$ 7,537,717	\$ 726,878	\$ 8,264,595	\$ 7,200,517	\$ 856,332	\$ 8,056,849	
CSU Fiscal Year	\$ 7,537,717	\$ 726,878	\$ 8,264,595	\$ 17,881,505	\$ 1,773,104	\$ 19,654,609	
*CCF Fiscal Year			\$ -			\$ -	
Grand Total	\$ 7,537,717	\$ 726,878	\$ 8,264,595	\$ 17,881,505	\$ 1,773,104	\$ 19,654,609	

\*CCF expenditures will be updated when available.

# Cleveland State University

Office of the Vice President for Research & Graduate Studies

Office of Sponsored Programs and Research

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## YEAR-TO-DATE SUMMARY COMPARISON - AWARDS

July 1, 2012 - December 31, 2012

and

July 1, 2011 - December 31, 2011

### College/Division

**Awards** *Includes Total Project Award Amount*

	Fiscal Year 2013				Fiscal Year 2012			
	Direct	Indirect	Total	Count	Direct	Indirect	Total	Count
College of Business Administration	\$ 125,000	\$ -	\$ 125,000	4	\$ 20,000	\$ -	\$ 20,000	2
College of Education & Human Services	\$ 105,355	\$ 11,691	\$ 117,046	4	\$ 1,178,525	\$ 69,973	\$ 1,248,498	3
College of Engineering	\$ 523,023	\$ 84,923	\$ 607,946	13	\$ 496,777	\$ 122,798	\$ 619,575	10
College of Law	\$ -	\$ -	\$ -	0	\$ -	\$ -	\$ -	0
College of Liberal Arts & Social Sciences	\$ 119,614	\$ 2,903	\$ 122,517	8	\$ 332,708	\$ 35,286	\$ 367,994	12
School of Nursing	\$ 301,873	\$ 19,253	\$ 321,126	3	\$ 102,462	\$ -	\$ 102,462	3
College of Sciences & Health Professions	\$ 3,453,183	\$ 541,368	\$ 3,994,551	15	\$ 2,552,920	\$ 726,895	\$ 3,279,815	10
College of Urban Affairs	\$ 913,662	\$ 138,091	\$ 1,051,753	15	\$ 949,314	\$ 193,424	\$ 1,142,738	15
Central Administration	\$ 588,106	\$ 7,872	\$ 595,978	4	\$ 102,727	\$ 2,273	\$ 105,000	3
Undergraduate Studies	\$ -	\$ -	\$ -	0	\$ -	\$ -	\$ -	0
<b>July - December Totals</b>	<b>\$ 6,129,816</b>	<b>\$ 806,101</b>	<b>\$ 6,935,917</b>	<b>66</b>	<b>\$ 5,735,433</b>	<b>\$ 1,150,649</b>	<b>\$ 6,886,082</b>	<b>58</b>

# Cleveland State University

Office of the Vice President for Research & Graduate Studies

Office of Sponsored Programs and Research

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## YEAR-TO-DATE SUMMARY COMPARISON - PROPOSALS

July 1, 2012 - December 31, 2012

and

July 1, 2011 - December 31, 2011

College/Division Proposals	Fiscal Year 2013				Fiscal Year 2012			
	Direct	Indirect	Total	Count	Direct	Indirect	Total	Count
College of Business Administration	\$ 466,455	\$ 152,286	\$ 618,741	7	\$ 422,144	\$ -	\$ 422,144	3
College of Education & Human Services	\$ 1,424,924	\$ 512,484	\$ 1,937,408	11	\$ 2,477,147	\$ 177,091	\$ 2,654,238	7
College of Engineering	\$ 3,650,131	\$ 1,390,585	\$ 5,040,716	16	\$ 9,555,045	\$ 2,519,285	\$ 12,074,330	26
College of Law	\$ -	\$ -	\$ -	0	\$ -	\$ -	\$ -	0
College of Liberal Arts & Social Sciences	\$ 267,973	\$ 75,612	\$ 343,585	11	\$ 1,383,181	\$ 435,209	\$ 1,818,390	16
School of Nursing	\$ 192,253	\$ 19,253	\$ 211,506	1	\$ 18,506	\$ -	\$ 18,506	1
College of Sciences & Health Professions	\$ 14,281,107	\$ 4,674,401	\$ 18,955,508	23	\$ 11,334,414	\$ 3,337,190	\$ 14,671,604	29
College of Urban Affairs	\$ 1,099,769	\$ 208,285	\$ 1,308,054	22	\$ 1,690,157	\$ 272,600	\$ 1,962,757	26
Central Administration	\$ 1,336,536	\$ 5,002	\$ 1,341,538	7	\$ 3,378,908	\$ 280,333	\$ 3,659,241	8
Undergraduate Studies			\$ -				\$ -	0
<b>July - December Totals</b>	<b>\$ 22,719,148</b>	<b>\$ 7,037,908</b>	<b>\$ 29,757,056</b>	<b>98</b>	<b>\$ 30,259,502</b>	<b>\$ 7,021,708</b>	<b>\$ 37,281,210</b>	<b>116</b>

Amount	Sponsor	Title	Principal Investigator	
<b>EDUCATION &amp; HUMAN SERVICES</b>				
<b>Teacher Education</b>				
\$17,600	Martha Holden Jennings Foundation	Differentiated Instruction for Campus International School	Gove	Mary
<b>ENGINEERING</b>				
<b>Mechanical</b>				
\$32,000	NASA Glenn Research Center	Non-Destructive Evaluation and Structural Health Monitoring of Advanced Composite Materials and Propulsion Systems	Sawicki	Jerzy
<b>SCIENCE &amp; HEALTH PROFESSIONS</b>				
<b>Chemistry</b>				
\$82,649	National Science Foundation via Case Western Reserve University	Novel Biophotonic Probes to Monitor Cellular Metabolism of Nucleosides	Berdis	Anthony
<b>Health Sciences</b>				
\$500	OPTA	Satisfaction Measurement of Physical Therapy Services at the Free Clinic	Milidonis	Mary
<b>URBAN</b>				
<b>Research &amp; Public Policy</b>				
\$34,700	Northeast Ohio Regional Sewer District	Job Opportunities of the NEORSD Capital Improvement Program	Clouse	Candice
\$29,500	JumpStart Inc.	The Economic Impact of JumpStart Portfolio and Client Companies, 2012	Ziona	Austrian

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 December 31, 2012**

*Supplement to December 2012 Monthly Activity Report*

Amount	Sponsor	Title	Principal Investigator	
<b>BUSINESS</b>				
<b>Dean's Office</b>				
\$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) - Cuyahoga STEP \$	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 STEP\$	Hart	Colette
<b>CENTRAL ADMINISTRATION</b>				
<b>Career Services</b>				
\$80,304	Cuyahoga County Public Library	America Reads Program	Burt	Yolanda
<b>Provost</b>				
\$75,000	The Cleveland Foundation, Fenn Educational Fund	New Pathway Project: Building a Talent Pipeline from the Classroom to the Workforce	White	Byron
\$40,674	NASA Glenn Research Center	Simulation and Performance Analysis for CNS: Phase II	Konangi	Vijay
<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>GCEDC</b>				
\$28,500	Martha Holden Jennings Foundation	Deep Learning for 21st Century Skills	Kowalski & Gombach	Dennis & Marlene

Amount	Sponsor	Title	Principal Investigator	
<b>Teacher Education</b>				
\$45,946	Federal Highway Administration via CMSD	Transportation Management Pathways: Max S. Hayes Transportation Career Path	Jackson & Duffy & Jenkins & Tukul & Perry	Debbie & Stephen & Jacqueline & Oya & Justin
\$17,600	Martha Holden Jennings Foundation	Differentiated Instruction for Campus International School	Gove	Mary
<b>ENGINEERING</b>				
<b>Chemical &amp; Biomedical</b>				
\$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
\$23,977	Invacare Corporation	Characterizing and Benchmarking Zeolite Adsorbents for Oxygen Concentrators	Talu & Ungarala	Orhan & Sridhar
\$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
<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
\$16,000	National Science Foundation	MRI: Acquisition of Equipment to Establish a Secure and Dependable Computing Infrastructure for Research and Education at CSU - REU Supplement	Zhao	Wenbing
<b>Engineering</b>				
\$60,000	Rockwell Automation	Industrial Intership Experience at Rockwell	Lin	Paul



Amount	Sponsor	Title	Principal Investigator	
<b>Mechanical Engineering</b>				
\$90,000	International Copper Association, LTD.	Hot Extrusion of Ultraconductive Nanocomposite Copper	Nayfeh	Taysir
\$34,266	NSF (Transfer)	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>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
<b>Music</b>				
\$10,000	George Gund Foundation	Managing the Cleveland Arts Education Consortium	Ryder	Judith
\$5,000	Nord Family Foundation	Cleveland Arts Education Consortium - Strengthening the Arts	Ryder	Judith
\$2,000	Cyrus Eaton Foundation	Cleveland Arts Education Program - Project Support	Ryder	Judith
<b>Sociology</b>				
\$1,000	Association of American Colleges and Universities	The Arts and Sciences of Civic Engagement at an Urban University	Meiskins	Peter
<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

Amount	Sponsor	Title	Principal Investigator	
\$34,340	Health Resources & Services Administration (HRSA)	Educating for the Future of Nursing: Building Capacity with Nursing Educators	Mitchell	Maureen
<b>SCIENCE &amp; HEALTH PROFESSIONS</b>				
<b>Art Gallery</b>				
\$7,728	Ohio Arts Council	Sustainability 2013	Thurmer	Robert
<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>				
\$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 via CSU	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
<b>Health Sciences</b>				
\$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
\$35,000	Simons Foundation	Topological Complexity, Fibrewise Homotopy, Rational Homotopy	Lupton	Gregory
\$35,000	Simons Foundation	Problems in Topology and Geometry	Oprea	John

Amount	Sponsor	Title	Principal Investigator	
<b>Psychology</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
\$7,000	Benjamin Rose Institute on Aging	Fellowship in Applied Aging Research	Judge	Katherine
\$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 Collaboration	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
\$150,000	Ohio Board of Regents	Center for the Interdisciplinary study of Education and Leadership in Public Service	Drake	Grace
\$100,000	JumpStart Inc.	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
\$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	Hexter	Kathryn
\$57,096	City of South Euclid	Dispatch Consolidation Feasibility Study: S. Euclid, Beachwood, Euclid, Shaker Hts, University Hts	Shimek & Robey	Daila & Claudette
\$39,806	Perry County	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
\$29,500	JumpStart Inc.	The Economic Impact of JumpStart Portfolio and Client Companies, 2012	Austrian	Ziona
\$25,000	Cleveland Foundation	Living Cities Integration Initiative	Austrian	Ziona
\$22,084	Russell Township	Mail Survey of Township Residents	Hexter	Kathryn

<b>Amount</b>	<b>Sponsor</b>	<b>Title</b>	<b>Principal Investigator</b>	
\$18,749	US Dept of Health & Human Services via Westat	Poverty and Service Delivery in Suburban America	Hexter	Kathryn
<b>Urban Studies</b>				
\$5,200	Northeast Ohio Sustainable Communities Consortium	Support for Quality Connected Places Committee	Date	Kirby

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