

# 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, 2011 - December 31, 2011

and

July 1, 2010 - December 31, 2010

#### Awards

	Dollars				% Change (Total)	Numbers	
	Direct	Indirect	Total	% Change			
2011-2012	\$ 5,754,233	\$ 1,150,649	\$ 6,904,882	-35.3%	59	-3.3%	
2010-2011	\$ 9,408,683	\$ 1,257,942	\$ 10,666,625		61		

#### Proposals

	Dollars				% Change (Total)	Numbers	
	Direct	Indirect	Total	% Change			
2011-2012	\$ 31,084,892	\$ 7,357,451	\$ 38,442,343	24.8%	117	17.0%	
2010-2011	\$ 23,793,070	\$ 7,004,407	\$ 30,797,477		100		

#### Expenditures

	Dollars				% Change (Total)
	Direct	Indirect	Total	% Change	
2011-2012	\$ 7,200,517	\$ 856,332	\$ 8,056,849	21.8%	
2010-2011	\$ 5,865,930	\$ 746,179	\$ 6,612,109		

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

#### Monthly Comparison

	Fiscal Year 2012			Fiscal Year 2011		
	Direct	Indirect	Total	Direct	Indirect	Total
July	\$ 1,432,230	\$ 108,857	\$ 1,541,087	\$ 1,173,716	\$ 113,332	\$ 1,287,048
August	\$ 941,294	\$ 155,991	\$ 1,097,285	\$ 4,647,807	\$ 884,511	\$ 5,532,318
September	\$ 2,798,036	\$ 798,599	\$ 3,596,635	\$ 294,470	\$ 68,230	\$ 362,700
October	\$ 259,048	\$ 40,632	\$ 299,680	\$ 2,696,891	\$ 54,743	\$ 2,751,634
November	\$ 243,225	\$ 39,054	\$ 282,279	\$ 414,937	\$ 127,420	\$ 542,357
December	\$ 80,400	\$ 7,516	\$ 87,916	\$ 180,862	\$ 9,706	\$ 190,568
January			\$ -	\$ 1,453,627	\$ 544,204	\$ 1,997,831
February			\$ -	\$ 114,336	\$ 21,731	\$ 136,067
March			\$ -	\$ 436,883	\$ 47,817	\$ 484,700
April			\$ -	\$ 1,156,812	\$ 340,443	\$ 1,497,255
May			\$ -	\$ 261,639	\$ 19,957	\$ 281,596
June			\$ -	\$ 930,818	\$ 63,038	\$ 993,856
<b>Totals</b>						
July - December	\$ 5,754,233	\$ 1,150,649	\$ 6,904,882	\$ 9,408,683	\$ 1,257,942	\$ 10,666,625
Fiscal Year	\$ 5,754,233	\$ 1,150,649	\$ 6,904,882	\$ 13,762,798	\$ 2,295,132	\$ 16,057,930

# Cleveland State University

## Office of the Vice President for Research & Graduate Studies

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### Proposals

#### Monthly Comparison

	Fiscal Year 2012			Fiscal Year 2011		
	Direct	Indirect	Total	Direct	Indirect	Total
July	\$ 2,402,899	\$ 627,699	\$ 3,030,598	\$ 6,159,682	\$ 2,325,925	\$ 8,485,607
August	\$ 5,594,974	\$ 947,201	\$ 6,542,175	\$ 1,297,017	\$ 390,506	\$ 1,687,523
September	\$ 4,954,228	\$ 1,330,873	\$ 6,285,101	\$ 636,542	\$ 196,434	\$ 832,976
October	\$ 10,098,174	\$ 2,256,556	\$ 12,354,730	\$ 7,779,663	\$ 2,312,809	\$ 10,092,472
November	\$ 3,946,376	\$ 1,355,901	\$ 5,302,277	\$ 5,232,929	\$ 1,143,955	\$ 6,376,884
December	\$ 4,088,241	\$ 839,221	\$ 4,927,462	\$ 2,687,237	\$ 634,778	\$ 3,322,015
January			\$ -	\$ 5,486,156	\$ 1,401,848	\$ 6,888,004
February			\$ -	\$ 6,313,470	\$ 1,908,275	\$ 8,221,745
March			\$ -	\$ 8,634,298	\$ 1,538,069	\$ 10,172,367
April			\$ -	\$ 2,462,443	\$ 844,919	\$ 3,307,362
May			\$ -	\$ 8,319,753	\$ 1,033,177	\$ 9,352,930
June			\$ -	\$ 5,714,880	\$ 1,394,792	\$ 7,109,672
<b>Totals</b>						
July - December	\$ 31,084,892	\$ 7,357,451	\$ 38,442,343	\$ 23,793,070	\$ 7,004,407	\$ 30,797,477
Fiscal Year	\$ 31,084,892	\$ 7,357,451	\$ 38,442,343	\$ 60,724,070	\$ 15,125,487	\$ 75,849,557

### Expenditures

#### Monthly Comparison

	Fiscal Year 2012			Fiscal Year 2011		
	Direct	Indirect	Total	Direct	Indirect	Total
July	\$ 856,926	\$ 179,447	\$ 1,036,373	\$ 937,795	\$ 191,913	\$ 1,129,707
August	\$ 1,393,751	\$ 167,427	\$ 1,561,179	\$ 1,186,987	\$ 136,559	\$ 1,323,545
September	\$ 1,244,186	\$ 148,505	\$ 1,392,691	\$ 907,407	\$ 115,611	\$ 1,023,018
October	\$ 1,777,070	\$ 109,807	\$ 1,886,877	\$ 1,048,035	\$ 82,122	\$ 1,130,156
November	\$ 922,329	\$ 165,096	\$ 1,087,425	\$ 929,031	\$ 124,881	\$ 1,053,912
December	\$ 1,006,255	\$ 86,050	\$ 1,092,305	\$ 856,675	\$ 95,095	\$ 951,770
January			\$ -	\$ 1,845,847	\$ 125,298	\$ 1,971,145
February			\$ -	\$ 1,002,007	\$ 101,207	\$ 1,103,214
March			\$ -	\$ 862,017	\$ 111,376	\$ 973,393
April			\$ -	\$ 1,589,251	\$ 127,770	\$ 1,717,021
May			\$ -	\$ 1,553,636	\$ 96,086	\$ 1,649,722
June			\$ -	\$ 2,012,460	\$ 227,723	\$ 2,240,183
<b>Totals</b>						
July - December	\$ 7,200,517	\$ 856,332	\$ 8,056,849	\$ 5,865,930	\$ 746,179	\$ 6,612,109
CSU Fiscal Year	\$ 7,200,517	\$ 856,332	\$ 8,056,849	\$ 14,731,148	\$ 1,535,639	\$ 16,266,787
*CCF Fiscal Year			\$ -	\$ 29,877,218	\$ 13,765,751	\$ 43,642,969
<b>Grand Total</b>	\$ 7,200,517	\$ 856,332	\$ 8,056,849	\$ 44,608,366	\$ 15,301,390	\$ 59,909,756

# 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, 2011 - December 31, 2011

and

July 1, 2010 - December 31, 2010

### College/Division

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

	Fiscal Year 2012				Fiscal Year 2011			
	Direct	Indirect	Total	Count	Direct	Indirect	Total	
College of Business Administration	\$ 20,000	\$ -	\$ 20,000	2	\$ 10,000	\$ -	\$ 10,000	1
College of Education & Human Services	\$ 1,178,525	\$ 69,973	\$ 1,248,498	3	\$ 445,848	\$ 28,941	\$ 474,789	7
College of Engineering	\$ 496,777	\$ 122,798	\$ 619,575	10	\$ 702,050	\$ 102,870	\$ 804,920	10
College of Law	\$ -	\$ -	\$ -	0	\$ 171,303	\$ -	\$ 171,303	1
College of Liberal Arts & Social Sciences	\$ 332,708	\$ 35,286	\$ 367,994	12	\$ 27,239	\$ 3,612	\$ 30,851	4
School of Nursing	\$ 121,262	\$ -	\$ 121,262	4	\$ 188,000	\$ -	\$ 188,000	1
College of Sciences & Health Professions	\$ 2,552,920	\$ 726,895	\$ 3,279,815	10	\$ 1,638,438	\$ 670,572	\$ 2,309,010	7
College of Urban Affairs	\$ 949,314	\$ 193,424	\$ 1,142,738	15	\$ 828,023	\$ 159,183	\$ 987,206	20
Central Administration	\$ 102,727	\$ 2,273	\$ 105,000	3	\$ 5,397,782	\$ 292,764	\$ 5,690,546	10
Continuing Education*	\$ -	\$ -	\$ -	0	\$ -	\$ -	\$ -	0
Undergraduate Studies	\$ -	\$ -	\$ -	0	\$ -	\$ -	\$ -	0
<b>July - December Totals</b>	<b>\$ 5,754,233</b>	<b>\$ 1,150,649</b>	<b>\$ 6,904,882</b>	<b>59</b>	<b>\$ 9,408,683</b>	<b>\$ 1,257,942</b>	<b>\$ 10,666,625</b>	<b>61</b>

\*As of 7/1/11 (Fiscal Year 2012), the College of Continuing Education has been closed. The entry remains for comparison purposes to Fiscal Year 2011.

# 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, 2011 - December 31, 2011

and

July 1, 2010 - December 31, 2010

College/Division Proposals	Fiscal Year 2012				Fiscal Year 2011			
	Direct	Indirect	Total	Count	Direct	Indirect	Total	
College of Business Administration	\$ 422,144	\$ -	\$ 422,144	3	\$ 69,390	\$ 10,409	\$ 79,799	1
College of Education & Human Services	\$ 2,477,147	\$ 177,091	\$ 2,654,238	7	\$ 3,045,316	\$ 260,668	\$ 3,305,984	9
College of Engineering	\$ 10,380,435	\$ 2,855,028	\$ 13,235,463	27	\$ 4,485,649	\$ 1,324,222	\$ 5,809,871	26
College of Law	\$ -	\$ -	\$ -	0	\$ 171,303	\$ -	\$ 171,303	1
College of Liberal Arts & Social Sciences	\$ 1,383,181	\$ 435,209	\$ 1,818,390	16	\$ 789,475	\$ 314,141	\$ 1,103,616	6
School of Nursing	\$ 18,506	\$ -	\$ 18,506	1	\$ -	\$ -	\$ -	0
College of Sciences & Health Professions	\$ 11,334,414	\$ 3,337,190	\$ 14,671,604	29	\$ 9,183,650	\$ 3,609,173	\$ 12,792,823	25
College of Urban Affairs	\$ 1,690,157	\$ 272,600	\$ 1,962,757	26	\$ 2,183,513	\$ 559,192	\$ 2,742,705	25
Central Administration	\$ 3,378,908	\$ 280,333	\$ 3,659,241	8	\$ 3,864,774	\$ 926,602	\$ 4,791,376	7
Continuing Education*	\$ -	\$ -	\$ -	0	\$ -	\$ -	\$ -	0
Undergraduate Studies	\$ -	\$ -	\$ -	0	\$ -	\$ -	\$ -	0
<b>July - December Totals</b>	<b>\$ 31,084,892</b>	<b>\$ 7,357,451</b>	<b>\$ 38,442,343</b>	<b>117</b>	<b>\$ 23,793,070</b>	<b>\$ 7,004,407</b>	<b>\$ 30,797,477</b>	<b>100</b>

\*As of 7/1/11 (Fiscal Year 2012), the College of Continuing Education has been closed. The entry remains for comparison purposes to Fiscal Year 2011.

Amount	Sponsor	Title	Principal Investigator	
<b>BUSINESS</b>				
<b>Dean</b>				
\$10,000	Ohio Department of Development	Cuyahoga SBDC at Cleveland State University	Hart	Colette
<b>ENGINEERING</b>				
<b>Electrical &amp; Computer</b>				
\$4,000	IEEE Power & Energy Society	Scholarship in Power	Stankovic	Ana
<b>LIBERAL ARTS &amp; SOCIAL SCIENCES</b>				
<b>Music</b>				
\$5,000	Davis Fund through the Cleveland Foundation	Cleveland Arts Education Consortium	Ryder	Judith
<b>NURSING</b>				
<b>Nursing</b>				
\$18,506	Cleveland Foundation through Kent State University	Partners Investing in Nursing's Future: Expanding the Number of Non-Traditional Nursing Educators through Online Education	Lock	Vida
<b>SCIENCES &amp; HEALTH PROFESSIONS</b>				
<b>Chemistry</b>				
\$25,000	Parker-Hannifin Foundation	Parker-Hannifin Postdoc Fellowship in Clinical Chemistry	Anderson	David
<b>URBAN</b>				
<b>Urban Studies</b>				
\$25,410	Federal Transit Administration through Regional Transit Authority	Evaluation of the Euclid Corridor Transportation Project	Mikelbank	Brian

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, 2011 through December 31, 2011**

*Supplement to December 2011 Monthly Activity Report*

Amount	Sponsor	Title	Principal Investigator	
<b>BUSINESS</b>				
<b>Dean</b>				
\$10,000	Ohio Department of Development	Cuyahoga SBDC at Cleveland State University	Hart	Colette
\$10,000	SBDC through ODOD	Jobs Bill Funds	Hart	Colette
<b>CENTRAL ADMIN</b>				
<b>Career Services</b>				
\$40,000	Cuyahoga County Public Library	CCPL Administrator/Operational Support (America Reads)	Burt	Yolanda
\$40,000	Cuyahoga County Public Library	CCPL Tutor Support (America Reads)	Burt	Yolanda
<b>Office of Research</b>				
\$25,000	The Kresge Foundation	Asset Education and Nonprofit Organizational Effectiveness	Weisblat & Brudney	Gina & Jeff
<b>EDUCATION &amp; HUMAN SERVICES</b>				
<b>CASAL</b>				
\$23,500	Martha Holden Jennings Foundation	Tier II Professional Development Series for Administrators - First Ring Leadership Academy	Morin	Deborah
<b>Greater Cleveland Educational Development Center</b>				
\$25,000	Martha Holden Jennings Foundation	21st Century Skills Deep Learning	Kowalski & Gombach	Dennis & Marlene
<b>Teacher Education</b>				
\$1,199,998	National Science Foundation	MUST STEM Fellows	Goodell & Jackson & Corrigan & Sridhar & Holcomb	Joanne & Debbie & Diane & Nigamanth & John
<b>ENGINEERING</b>				
<b>Chem &amp; Biomed</b>				
\$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

Amount	Sponsor	Title	Principal Investigator	
<b>Civil &amp; Environmental</b>				
\$40,000	US Dept of Transportation through ODOT	Uncontrolled Concrete Bridge Parapet Cracking	Delatte & Bosela	Norbert & Paul
<b>Dean</b>				
\$60,000	Rockwell Automation	Industrial Internship Experience at Rockwell Automation	Lin	Paul
\$27,000	NASA via Ohio Space Grant Consortium	Engineering Scholarships	Charity	Pam
<b>Electrical &amp; Computer</b>				
\$122,173	Ohio Department of Development through Cleveland Clinic Foundation	Rapid Rehabilitation and Return to Function for Amputee Soldiers	Simon & Richter	Daniel & Hanz
\$95,327	National Science Foundation	TC_EAGER: Towards Next Generation Anonymous Communication Networks	Zhu	Ye
\$60,000	USAID through University of Illinois	US-Egypt Cooperative Research: Ultrasmall Silicon Nanoparticle Technology for Renewable Energy Applications	Yau	Siu-Tung
\$8,333	US Dept of Energy through the University of Minnesota	A Nationwide Consortium of Universities to Revitalize Electric Power Engineering Education by State-of-the-Art Laboratories	Stankovic	Ana
\$4,000	IEEE Power & Energy Society	Scholarship in Power	Stankovic	Ana
<b>Mechanical</b>				
\$159,277	NASA via U.S. Naval Academy	Experimental and Computational Investigation of Unsteady Endwall and Tip Gap Flows in Gas Turbine Passages	Ibrahim	Mounir
<b>LIBERAL ARTS &amp; SOCIAL SCIENCES</b>				
<b>Art Gallery</b>				
\$5,448	Ohio Arts Council	Sustainability 2012	Thurmer	Robert
\$731	Ohio Arts Council	Sustainability 2011	Thurmer	Robert
<b>History</b>				
\$49,990	National Endowment for the Humanities	Mobile Historical	Tebeau & Bell	Mark & Erin
\$13,500	City of Shaker Heights	Shaker Centennial for Cleveland Historical	Tebeau	Mark
\$6,000	Eastern Washington University	Spokane Historical	Tebeau	Mark



<b>Amount</b>	<b>Sponsor</b>	<b>Title</b>	<b>Principal Investigator</b>	
\$5,000	National Park Service via Cuyahoga Valley National Park	Engaging Students to Gather Oral Histories on Cuyahoga Valley Farming	Tebeau	Mark
\$4,500	Baltimore Heritage, Inc.	Baltimore Historical	Tebeau	Mark
<b>Music</b>				
\$20,000	Cleveland Foundation	Cleveland Arts Education Consortium - General Operating	Shames	Kay
\$10,000	George Gund Foundation	Manager's Position - Cleveland Arts Education Consortium	Shames	Kay
\$5,000	Davis Fund through the Cleveland Foundation	Cleveland Arts Education Consortium	Ryder	Judith
\$1,325	National String Project Consortium	CSU String Project	Liva	Victor
<b>Social Work</b>				
\$246,500	US Department of Health through Ohio Department of Job and Family Services	Child Welfare Workforce Professional Education Program (CWWPEP)	Jackson	Maggie
<b>NURSING</b>				
<b>Nursing</b>				
\$59,379	Health Resources & Services Administration (HRSA)	Increasing Nurse Educator Capacity	Mitchell	Maureen
\$24,577	Health Resources & Services Administration (HRSA)	Providing Access to the Profession of Nursing in Cleveland: Supporting Students from Disadvantaged Backgrounds	Lock	Vida
\$18,800	Ohio Board of Regents through Case Western Reserve University	Building the Nursing Workforce in Northeastern Ohio	Lock	Vida
\$18,506	Cleveland Foundation through Kent State University	Partners Investing in Nursing's Future: Expanding the Number of Non-Traditional Nursing Educators through Online Education	Lock	Vida
<b>SCIENCES &amp; HEALTH PROFESSIONS</b>				
<b>Bio, Geo, Environ</b>				
\$1,455,500	National Institutes of Health	Circadian Clock and Dietary Restriction	Kondratov	Roman
\$284,000	National Institutes of Health	Control of Pairing and Recombination During Meiosis	Boerner	Valentin

<b>Amount</b>	<b>Sponsor</b>	<b>Title</b>	<b>Principal Investigator</b>	
\$68,513	National Science Foundation	Acquisition of a Liquid Water Isotope Analyzer for Earth and Environmental Science Research	Yuan	Fasong
\$23,800	US Geological Survey through AmericaView, Inc.	Stateview Program Development and Operations for State of Ohio	Clapham	Wentworth
<b>Chemistry</b>				
\$336,324	National Institutes of Health	The Involvement of Rnase L in the Pathogenesis of Inflammatory Bowel Disease	Zhou	Aimin
\$267,219	National Science Foundation	MRI: Acquisition of a 500 MHz NMR Spectrometer	Sun	Xue-Long
\$25,000	Parker-Hannifin Foundation	Parker-Hannifin Postdoc Fellowship in Clinical Chemistry	Anderson	David
\$15,000	State of Ohio 3rd Frontier Program via Cleveland Clinic via CSU	Multi-User Biosensor Integrated Platform	Bayachou	Mekki
<b>Physics</b>				
\$472,115	National Science Foundation	MRI: Acquisition of a Field Emission Scanning Electron Microscope for Multidisciplinary Nanotechnology Research	Fodor & Turner & Kaufman & Talu	Petru & John & Miron & Orhan
\$332,344	National Institutes of Health	Fluid Flow May be an Environmental Modifier of ADPKD Disease Progression	Resnick	Andrew
<b>URBAN</b>				
<b>Research &amp; Public Policy</b>				
\$664,999	Economic Development Administration (EDA)	University Center Economic Development Administration Program in the Levin College of Urban Affairs at Cleveland State University	Austrian	Ziona
\$125,000	Ohio Chamber of Commerce	Analysis of the Economic Potential for Shale Gas in Ohio	Lendel & Thomas	Iryna & Andrew
\$100,000	JobsOhio	JobsOhio Project	Austrian	Ziona
\$42,900	Ohio Manufacturers' Association	Moving Ohio Manufacturing Forward: Competitive Electricity Pricing	Lendel	Iryna
\$38,900	The Greater Cleveland Film Commission	Analysis and Economic Impact of the Film Industry in NEO and Ohio	Clouse	Candice
\$38,250	BioOhio	Bioscience Industry in Ohio 2011	Austrian	Ziona
\$27,400	NorTech	Inclusion in High-Tech Industries	Austrian	Ziona
\$16,079	Chagrin River Watershed Partners	Needs Assessment and Service Strategy	Shimek & Robey	Daila & Claudette

<b>Amount</b>	<b>Sponsor</b>	<b>Title</b>	<b>Principal Investigator</b>	
\$13,346	US Dept of Commerce through the Ohio Dept of Natural Resources	Climate Change Survey Analysis	Shimek	Daila
\$10,000	Summit County Health District	Abandoned and Vacant Properties Database	Salling	Mark
\$9,304	Medina County Board of Elections	Medina County Precinct Revisions	Salling	Mark
\$8,650	The Center for Community Solutions	NEO Regional Planning Data and GIS Assessment Consulting	Salling	Mark
<b>Urban Studies</b>				
\$25,410	Federal Transit Administration through Regional Transit Authority	Evaluation of the Euclid Corridor Transportation Project	Mikelbank	Brian
\$20,000	The George Gund Foundation	Re-Thinking the Future of Community Development	Krumholz	Norman
\$2,500	Cleveland Metropolitan School District	Geocoding and Associate Mapping Part 2	Wyles	Jim

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