

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

YEAR-TO-DATE SUMMARY COMPARISON

July 1, 2019 - December 31, 2019

and

July 1, 2018 - December 31, 2018

Awards

	Dollars				Numbers	
	Direct	Indirect	Total	% Change (Total)		% Change
2019-2020	\$ 5,677,095	\$ 931,901	\$ 6,608,996	42.9%	59	22.9%
2018-2019	\$ 4,148,580	\$ 475,361	\$ 4,623,941		48	

Proposals

	Dollars				Numbers	
	Direct	Indirect	Total	% Change (Total)		% Change
2019-2020	\$ 30,444,011	\$ 8,670,402	\$ 39,114,413	38.1%	140	62.8%
2018-2019	\$ 21,121,555	\$ 7,199,850	\$ 28,321,405		86	

Expenditures

	Dollars			
	Direct	Indirect	Total	% Change (Total)
2019-2020	\$ 6,173,872	\$ 1,055,579	\$ 7,229,451	-10.2%
2018-2019	\$ 7,074,083	\$ 972,868	\$ 8,046,951	

Awards *Includes Total Project Award Amount*

Monthly Comparison

	Fiscal Year 2020			Fiscal Year 2019		
	Direct	Indirect	Total	Direct	Indirect	Total
July	\$ 339,650	\$ 60,736	\$ 400,386	\$ 824,999	\$ 137,609	\$ 962,608
August	\$ 459,614	\$ 138,507	\$ 598,121	\$ 419,534	\$ 124,043	\$ 543,577
September	\$ 2,822,290	\$ 230,809	\$ 3,053,099	\$ 1,417,820	\$ 56,626	\$ 1,474,446
October	\$ 505,425	\$ 119,740	\$ 625,165	\$ 274,451	\$ 36,482	\$ 310,933
November	\$ 1,129,223	\$ 329,811	\$ 1,459,034	\$ 460,082	\$ 120,601	\$ 580,683
December	\$ 420,893	\$ 52,298	\$ 473,191	\$ 751,694	\$ -	\$ 751,694
January			\$ -	\$ 1,573,204	\$ 239,249	\$ 1,812,453
February			\$ -	\$ 1,009,362	\$ 106,267	\$ 1,115,629
March			\$ -	\$ 536,896	\$ 78,850	\$ 615,746
April			\$ -	\$ 2,016,424	\$ 57,178	\$ 2,073,602
May			\$ -	\$ 491,007	\$ 151,011	\$ 642,018
June			\$ -	\$ 871,494	\$ 135,834	\$ 1,007,328
Totals						
December	\$ 5,677,095	\$ 931,901	\$ 6,608,996	\$ 4,148,580	\$ 475,361	\$ 4,623,941
Fiscal Year	\$ 5,677,095	\$ 931,901	\$ 6,608,996	\$ 10,646,967	\$ 1,243,750	\$ 11,890,717

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Proposals						
Monthly Comparison						
	Fiscal Year 2020			Fiscal Year 2019		
	Direct	Indirect	Total	Direct	Indirect	Total
July	\$ 3,168,562	\$ 1,052,828	\$ 4,221,390	\$ 2,941,024	\$ 1,123,999	\$ 4,065,023
August	\$ 4,266,380	\$ 1,012,096	\$ 5,278,476	\$ 2,699,601	\$ 742,911	\$ 3,442,512
September	\$ 4,420,108	\$ 1,281,650	\$ 5,701,758	\$ 1,794,580	\$ 695,676	\$ 2,490,256
October	\$ 14,857,699	\$ 4,566,774	\$ 19,424,473	\$ 9,429,391	\$ 2,963,533	\$ 12,392,924
November	\$ 1,977,317	\$ 429,546	\$ 2,406,863	\$ 2,852,633	\$ 1,010,165	\$ 3,862,798
December	\$ 1,753,945	\$ 327,508	\$ 2,081,453	\$ 1,404,326	\$ 663,566	\$ 2,067,892
January			\$ -	\$ 2,922,159	\$ 499,819	\$ 3,421,978
February			\$ -	\$ 11,147,794	\$ 3,487,870	\$ 14,635,664
March			\$ -	\$ 2,076,728	\$ 801,231	\$ 2,877,959
April			\$ -	\$ 4,209,917	\$ 868,217	\$ 5,078,134
May			\$ -	\$ 2,139,471	\$ 850,373	\$ 2,989,844
June			\$ -	\$ 7,194,131	\$ 3,236,478	\$ 10,430,609
Totals						
December	\$ 30,444,011	\$ 8,670,402	\$ 39,114,413	\$ 21,121,555	\$ 7,199,850	\$ 28,321,405
Fiscal Year	\$ 30,444,011	\$ 8,670,402	\$ 39,114,413	\$ 50,811,755	\$ 16,943,838	\$ 67,755,593

Expenditures						
Monthly Comparison						
	Fiscal Year 2020			Fiscal Year 2019		
	Direct	Indirect	Total	Direct	Indirect	Total
July	\$ 1,071,893	\$ 267,524	\$ 1,339,417	\$ 1,457,335	\$ 271,801	\$ 1,729,136
August	\$ 1,926,965	\$ 220,217	\$ 2,147,182	\$ 1,494,674	\$ 176,096	\$ 1,670,770
September	\$ 724,482	\$ 135,301	\$ 859,783	\$ 1,032,818	\$ 153,509	\$ 1,186,327
October	\$ 739,182	\$ 142,688	\$ 881,870	\$ 671,226	\$ 113,309	\$ 784,535
November	\$ 775,021	\$ 124,180	\$ 899,201	\$ 1,551,103	\$ 130,655	\$ 1,681,758
December	\$ 936,329	\$ 165,669	\$ 1,101,998	\$ 866,927	\$ 127,498	\$ 994,425
January			\$ -	\$ 277,686	\$ 85,464	\$ 363,150
February			\$ -	\$ 1,124,084	\$ 124,791	\$ 1,248,875
March			\$ -	\$ 644,499	\$ 134,609	\$ 779,107
April			\$ -	\$ 788,412	\$ 110,687	\$ 899,099
May			\$ -	\$ 1,008,594	\$ 194,772	\$ 1,203,366
June			\$ -	\$ 2,235,101	\$ 337,435	\$ 2,572,536
Totals						
December	\$ 6,173,872	\$ 1,055,579	\$ 7,229,451	\$ 7,074,083	\$ 972,868	\$ 8,046,951
CSU Fiscal Year	\$ 6,173,872	\$ 1,055,579	\$ 7,229,451	\$ 13,152,458	\$ 1,960,626	\$ 15,113,084
CCF Fiscal Year*			\$ -			
Grand Total	\$ 6,173,872	\$ 1,055,579	\$ 7,229,451	\$ 13,152,458	\$ 1,960,626	\$ 15,113,084

**CCF Expenditures will be updated when available.

Cleveland State University
Office of the Vice President for Research
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YEAR-TO-DATE SUMMARY COMPARISON - AWARDS

July 1, 2019 - December 31, 2019

and

July 1, 2018 - December 31, 2018

College/Division

Awards *Includes Total Project Award Amount*

	Fiscal Year 2020				Fiscal Year 2019			
	Direct	Indirect	Total	Count	Direct	Indirect	Total	Count
College of Business Administration	\$ 102,848	\$ -	\$ 102,848	3	\$ 237,995	\$ -	\$ 237,995	2
College of Education & Human Services	\$ 90,651	\$ 13,609	\$ 104,260	4	\$ 234,374	\$ 6,626	\$ 241,000	3
College of Engineering	\$ 685,760	\$ 287,594	\$ 973,354	8	\$ 756,258	\$ 262,707	\$ 1,018,965	8
College of Law	\$ 100,000	\$ -	\$ 100,000	1	\$ 52,000	\$ -	\$ 52,000	1
College of Liberal Arts & Social Sciences	\$ 407,675	\$ 75,910	\$ 483,585	9	\$ 206,499	\$ 18,909	\$ 225,408	8
School of Nursing	\$ 75,900	\$ 3,992	\$ 79,892	4	\$ 20,463	\$ 1,477	\$ 21,940	2
College of Sciences & Health Professions	\$ 786,119	\$ 377,503	\$ 1,163,622	6	\$ 417,573	\$ 12,558	\$ 430,131	5
College of Urban Affairs	\$ 906,567	\$ 148,362	\$ 1,054,929	11	\$ 786,077	\$ 86,797	\$ 872,874	11
Central Administration	\$ 2,521,575	\$ 24,931	\$ 2,546,506	13	\$ 1,437,341	\$ 86,287	\$ 1,523,628	8
December Totals	\$ 5,677,095	\$ 931,901	\$ 6,608,996	59	\$ 4,148,580	\$ 475,361	\$ 4,623,941	48

Cleveland State University
Office of the Vice President for Research
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YEAR-TO-DATE SUMMARY COMPARISON - PROPOSALS

July 1, 2019 - December 31, 2019

and

July 1, 2018 - December 31, 2018

**College/Division
Proposals**

	Fiscal Year 2020				Fiscal Year 2019			
	Direct	Indirect	Total	Count	Direct	Indirect	Total	Count
College of Business Administration	\$ 280,472	\$ -	\$ 280,472	5	\$ 239,216	\$ 68,515	\$ 307,731	2
College of Education & Human Services	\$ 2,442,558	\$ 662,101	\$ 3,104,659	8	\$ 1,303,416	\$ 417,744	\$ 1,721,160	5
College of Engineering	\$ 9,032,097	\$ 2,541,678	\$ 11,573,775	35	\$ 9,597,955	\$ 3,299,071	\$ 12,897,026	21
College of Law	\$ 100,000	\$ -	\$ 100,000	1	\$ 236,999	\$ 78,278	\$ 315,277	2
College of Liberal Arts & Social Sciences	\$ 1,841,183	\$ 703,981	\$ 2,545,164	16	\$ 42,050	\$ 1,999	\$ 44,049	6
School of Nursing	\$ 46,230	\$ 19,941	\$ 66,171	2	\$ 223,832	\$ 7,671	\$ 231,503	5
College of Sciences & Health Professions	\$ 10,908,495	\$ 3,963,309	\$ 14,871,804	38	\$ 6,819,772	\$ 2,980,949	\$ 9,800,721	26
College of Urban Affairs	\$ 1,983,631	\$ 467,878	\$ 2,451,509	17	\$ 593,081	\$ 131,179	\$ 724,260	10
Central Administration	\$ 3,809,345	\$ 311,514	\$ 4,120,859	18	\$ 2,065,234	\$ 214,444	\$ 2,279,678	9
December Totals	\$ 30,444,011	\$ 8,670,402	\$ 39,114,413	140	\$ 21,121,555	\$ 7,199,850	\$ 28,321,405	86

Cleveland State University
Office of the Vice President for Research
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YEAR-TO-DATE SUMMARY COMPARISON - EXPENDITURES

July 1, 2019 - December 31, 2019

and

July 1, 2018 - December 31, 2018

**College/Division
Expenditures**

	Fiscal Year 2020			Fiscal Year 2019		
	Direct	Indirect	Total	Direct	Indirect	Total
College of Business Administration	\$ 149,721	\$ -	\$ 149,721	\$ 122,082	\$ -	\$ 122,082
College of Education & Human Services	\$ 234,852	\$ 29,047	\$ 263,899	\$ 374,970	\$ 39,264	\$ 414,234
College of Engineering	\$ 905,357	\$ 285,041	\$ 1,190,398	\$ 620,813	\$ 173,727	\$ 794,540
College of Law	\$ 3,386	\$ -	\$ 3,386	\$ -	\$ -	\$ -
College of Liberal Arts & Social Sciences	\$ 152,897	\$ 19,051	\$ 171,948	\$ 121,089	\$ 14,274	\$ 135,363
School of Nursing	\$ 88,406	\$ 6,581	\$ 94,987	\$ 143,469	\$ 3,960	\$ 147,429
College of Sciences & Health Professions	\$ 1,575,674	\$ 492,135	\$ 2,067,809	\$ 1,514,665	\$ 536,916	\$ 2,051,581
College of Urban Affairs	\$ 603,098	\$ 68,180	\$ 671,278	\$ 608,527	\$ 60,503	\$ 669,030
Central Administration	\$ 2,460,481	\$ 155,544	\$ 2,616,025	\$ 3,568,468	\$ 144,223	\$ 3,712,691
December Totals	\$ 6,173,872	\$ 1,055,579	\$ 7,229,451	\$ 7,074,083	\$ 972,867	\$ 8,046,950

Amount	Sponsor	Title	Principal Investigator
CENTRAL ADMINISTRATION			
Graduate Studies			
\$70,263	Ohio Department of Higher Education	Short Term Certificates: Finish Your Future	John Holcomb
Research Office			
\$1,251	Case Western Reserve University (Cleveland Foundation)	Cleveland IoT Collaborative	Jerzy Sawicki
Student Affairs			
\$7,500	Ohio State University	Impaired Driving Prevention Pilot Program	Denise Keary
EDUCATION & HUMAN SERVICES			
Teacher Education			
\$29,850	University of Cincinnati (Ohio Department of Education & Ohio Dean's Compact)	CSU 12-Hour Reading Core Curriculum Redesign	Laura Northrup
Urban Education			
\$34,898	American Institutes for Research (U.S. Department of Education)	Cleveland Partnership for English Learner Success	Adam Voight
ENGINEERING			
Mechanical			
\$74,844	Washington State University (National Institutes of Health)	Reproducibility in simulation-based prediction of natural knee mechanics	Antonie van den Bogert
LAW			
Law			
\$100,000	George Gund Foundation	Day 1 Project	Jonathan Witmer-Rich
LIBERAL ARTS & SOCIAL SCIENCES			
Music			
\$8,000	George Gund Foundation	Gund - CAEC Programs & Gen Op 2019	Judith Ryder Frumker
NURSING			
Nursing			
\$26,000	Cuyahoga County Board of Health (Centers for Disease Control and Prevention)	Racial & Ethnic Approaches to Community Health (REACH)	Joan Thoman
SCIENCES & HEALTH PROFESSIONS			
Mathematics			
\$20,585	Sanford I. Weill Medical College of Cornell University	Identifying mechanisms of tissue injury in MS lesions: a multi-modality imaging approach	Sandra Hurtado Rua
URBAN			
Research & Public Policy			
\$100,000	Ohio Department of Higher Education	Co-op Internship Program	Robert Ziol

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, 2019 through December 31, 2019**

Supplement to December 2019 Monthly Activity Report

Amount	Sponsor	Title	Principal Investigator
BUSINESS			
Dean's Office			
\$79,113	State of Ohio, Development Services Agency	Small Business Development Center	Colette Hart
\$23,735	Ohio Development Services Agency	SBDC FY19 Supplemental Grant Funding	Colette Hart
CENTRAL ADMINISTRATION			
Academic Programs			
\$19,000	U.S. Department of Higher Education (Ohio Department of Higher Education)	Ohio Strong Start to Finish	John Holcomb
\$5,000	Association of Public & Land Grant Universities	Connect to College	Peter Meiksins
Graduate Studies			
\$102,600	Envision	Collaborative relationship with NEOSTEM Ecosystem	Nigamanth Sridhar
\$70,263	Ohio Department of Higher Education	Short Term Certificates: Finish Your Future	John Holcomb
Health & Wellness			
\$196,280	Medical Mutual	Wellness Initiative	Jeanell Hughes
Library			
\$4,999	State Library of Ohio	General Photograph Collection Conservation	Marsha Miles
Provost			
\$1,729,562	Ohio Department of Higher Education	Choose Ohio First 2020-2021	Barbara Margolius
\$175,000	U.S. Department of Education	Cleveland State University TRIO/Student Support Services 2015-2020	George Bovell
Research Office			
\$150,000	Kent State University (Ohio Development Services Agency)	CSU & KSU Technology Validation and Start-up Fund-the TeCK Fund	Jerzy Sawicki
\$85,051	Universities Space Research Association (NASA)	Development and application of NDE techniques for advanced aerospace materials and structures	Jerzy Sawicki
\$1,251	Case Western Reserve University (Cleveland Foundation)	Cleveland IoT Collaborative	Jerzy Sawicki
Student Affairs			
\$7,500	Ohio State University	Impaired Driving Prevention Pilot Program	Denise Keary
EDUCATION & HUMAN SERVICES			
CASAL			
\$24,512	Martha Holden Jennings Foundation	First Ring Leadership Academy: Professional Development Program for Teacher Leaders	Deborah Morin
Teacher Education			
\$29,850	University of Cincinnati (Ohio Department of Education & Ohio Dean's Compact)	CSU 12-Hour Reading Core Curriculum Redesign	Laura Northrup
\$15,000	Martha Holden Jennings Foundation	Teacher Action Research	Grace Huang
Urban Education			
\$34,898	American Institutes for Research (U.S. Department of Education)	Cleveland Partnership for English Learner Success	Adam Voight

Amount	Sponsor	Title	Principal Investigator
ENGINEERING			
Chemical & Biomedical			
\$299,873	National Science Foundation	Collaborative Research: Design and development of a multifunctional nanoplatform for augmented elastic matrix repair	Chandrasekhar Kothapalli
\$287,935	Cincinnati Children's Hospital Medical Center (National Institutes of Health)	Modeling diabetes using an integrated plate system	Moo-Yeal Lee
\$10,080	National Science Foundation	Engineered Organic Color Centers for Profiling Protein-Carbohydrate Recognition- Supplemental Funding	Geyou Ao
Electrical & Computer			
\$180,000	Florida International University (Department of Energy)	Secure Data Logging and Processing with Blockchain and Machine Learning	Wenbing Zhao
Mechanical			
\$74,844	Washington State University (National Institutes of Health)	Reproducibility in simulation-based prediction of natural knee mechanics	Antonie van den Bogert
\$65,621	National Science Foundation	Research Coordination Networks	Yongxin Tao
\$50,000	National Science Foundation	USUK Workshop	Yongxin Tao
\$5,000	Ohio Space Grant Consortium	Flow Physics of Transient Rooftop Vortices at High Reynolds Numbers to Mitigate Wind Hazards	Wei Zhang
LAW			
Law			
\$100,000	George Gund Foundation	Day 1 Project	Jonathan Witmer-Rich
LIBERAL ARTS & SOCIAL SCIENCES			
Art			
\$11,708	Ohio Arts Council	Sustainability 2019-2020	Robert Thurmer
Dean's Office			
\$6,000	Kulas Foundation	Kulas Student Ticket Program	Allyson Robichaud
History			
\$14,175	Ohio Humanities Council	Suffrage: Voting rights and the 15th and 19th Amendments	Robert Shelton
\$2,000	Cleveland Donauschwaben German-American Cultural Center	Cleveland German-American Oral History Project	Mark Cole
Music			
\$8,000	George Gund Foundation	Gund - CAEC Programs & Gen Op 2019	Judith Ryder Frumker
\$3,864	Ohio Arts Council	OAC Artstart-2019-20 Ohio Arts Council	Judith Ryder Frumker
\$1,000	Cyrus Eaton Foundation	CAEC 2019-20 Cyrus Eaton	Judith Ryder Frumker
Social Work			
\$246,500	Ohio Department of Job and Family Services	Child Welfare Workforce Professional Education Program	Catherine Lewandowski
Sociology			
\$190,338	Cuyahoga County Board of Health (Center for Disease Control & Prevention)	Establishing Linkages to Care	Miyuki Tedor

Amount	Sponsor	Title	Principal Investigator
NURSING			
Nursing			
\$42,714	Northeast Ohio Medical University (Health Resources and Services Administration)	Geriatrics Workforce Enhancement	Joan Niederriter
\$26,000	Cuyahoga County Board of Health (Centers for Disease Control & Prevention)	Racial & Ethnic Approaches to Community Health (REACH)	Joan Thoman
\$6,614	Northeast Ohio Medical University (Health Resources & Services Administration)	Area Health Education Center	Joan Thoman
\$4,564	Summa Health Systems (Health Resources & Services Administration)	Geriatrics Workforce Enhancement	Joan Niederriter
SCIENCES & HEALTH PROFESSIONS			
Bio, Geo, Environ			
\$79,914	Iowa State University (United States Department of Agriculture)	Biogeochemical consequences of updating an aging agricultural infrastructure	Kevin Mueller
Chemistry			
\$371,250	Cleveland Clinic Lerner College of Medicine (National Institutes of Health)	Gut Microbiome and Cardiometabolic Diseases	Valentin Gogonea
Gene Regulation in Health & Disease			
\$445,499	National Institutes of Health	Bending Primary Cilia: evidence for a structure-function relationship?	Andrew Resnick
Mathematics			
\$20,585	Sanford I. Weill Medical College of Cornell University	Identifying mechanisms of tissue injury in MS lesions: a multi-modality imaging approach	Sandra Hurtado Rua
Physics			
\$216,875	University of Wisconsin-Madison (U.S. Department of Energy)	Characterizing Land-Atmosphere Interactions Using ARG SGP Observations	Thijs Heus
Psychology			
\$29,499	University of Pittsburgh (National Institutes of Health)	Biobehavioral inflexibility and risk for juvenile-onset depression	Ilya Yaroslavsky
URBAN			
Dean's Office			
\$500,000	Ohio Department of Higher Education	Regional Leadership Development Initiative	Roland Anglin
Research & Public Policy			
\$120,000	Advocate Aurora Health	Economic Impact of Advocate Aurora Health	Iryna Lendel
\$119,625	Cleveland Indians Baseball, LLC	Economic Impact of Cleveland Indians	Iryna Lendel
\$100,000	Ohio Department of Higher Education	Co-op Internship Program	Robert Ziol
\$80,000	U.S. Department of Commerce	EDA FY20-Yr 4 of 5	Iryna Lendel
\$13,300	Chester Township	Chester Township Community Questionnaire	Kirby Date
\$5,000	Hambden Township	Hambden Township Comprehensive Plan Update	Kirby Date
\$2,004	Horizon Education Centers	Geospatial analysis of possible locations for new HEC sites in Cuyahoga County	Mark Salling
Urban Affairs			
\$75,000	US Department of Commerce	Technical Assistance for Eastgate	Iryna Lendel

Amount	Sponsor	Title	Principal Investigator
\$40,000	City of East Cleveland	Creating Visioning Project for City of East Cleveland	Roland Anglin

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