

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

**YEAR-TO-DATE SUMMARY COMPARISON**

July 1, 2018 - June 30, 2019

and

July 1, 2017 - June 30, 2018

**Awards**

	Dollars				Numbers	
	Direct	Indirect	Total	% Change (Total)		% Change
2018-2019	\$ 10,646,967	\$ 1,243,750	\$ 11,890,717	-30.4%	121	-10.4%
2017-2018	\$ 14,267,791	\$ 2,815,598	\$ 17,083,389		135	

**Proposals**

	Dollars				Numbers	
	Direct	Indirect	Total	% Change (Total)		% Change
2018-2019	\$ 50,811,755	\$ 16,943,838	\$ 67,755,593	-9.7%	202	-20.2%
2017-2018	\$ 57,181,638	\$ 17,864,903	\$ 75,046,541		253	

**Expenditures**

	Dollars			
	Direct	Indirect	Total	% Change (Total)
2018-2019	\$ 13,152,458	\$ 1,960,626	\$ 15,113,084	4.6%
2017-2018	\$ 12,596,056	\$ 1,858,352	\$ 14,454,408	

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

**Monthly Comparison**

	Fiscal Year 2019			Fiscal Year 2018		
	Direct	Indirect	Total	Direct	Indirect	Total
July	\$ 824,999	\$ 137,609	\$ 962,608	\$ 1,840,854	\$ 175,638	\$ 2,016,492
August	\$ 419,534	\$ 124,043	\$ 543,577	\$ 2,383,653	\$ 635,264	\$ 3,018,917
September	\$ 1,417,820	\$ 56,626	\$ 1,474,446	\$ 1,866,889	\$ 234,480	\$ 2,101,369
October	\$ 274,451	\$ 36,482	\$ 310,933	\$ 284,919	\$ 28,986	\$ 313,905
November	\$ 460,082	\$ 120,601	\$ 580,683	\$ 1,226,233	\$ 402,669	\$ 1,628,902
December	\$ 751,694	\$ -	\$ 751,694	\$ 560,071	\$ 108,120	\$ 668,191
January	\$ 1,573,204	\$ 239,249	\$ 1,812,453	\$ 2,028,765	\$ 652,860	\$ 2,681,625
February	\$ 1,009,362	\$ 106,267	\$ 1,115,629	\$ 1,750,629	\$ 112,495	\$ 1,863,124
March	\$ 536,896	\$ 78,850	\$ 615,746	\$ 1,341,512	\$ 377,337	\$ 1,718,849
April	\$ 2,016,424	\$ 57,178	\$ 2,073,602	\$ 147,495	\$ 17,733	\$ 165,228
May	\$ 491,007	\$ 151,011	\$ 642,018	\$ 310,219	\$ 18,608	\$ 328,827
June	\$ 871,494	\$ 135,834	\$ 1,007,328	\$ 526,552	\$ 51,408	\$ 577,960
<b>Totals</b>						
June	\$ 10,646,967	\$ 1,243,750	\$ 11,890,717	\$ 14,267,791	\$ 2,815,598	\$ 17,083,389
Fiscal Year	\$ 10,646,967	\$ 1,243,750	\$ 11,890,717	\$ 14,267,791	\$ 2,815,598	\$ 17,083,389

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<b>Proposals</b>						
<b>Monthly Comparison</b>						
	<b>Fiscal Year 2019</b>			<b>Fiscal Year 2018</b>		
	Direct	Indirect	Total	Direct	Indirect	Total
July	\$ 2,941,024	\$ 1,123,999	\$ 4,065,023	\$ 6,250,505	\$ 2,095,763	\$ 8,346,268
August	\$ 2,699,601	\$ 742,911	\$ 3,442,512	\$ 2,548,761	\$ 339,760	\$ 2,888,521
September	\$ 1,794,580	\$ 695,676	\$ 2,490,256	\$ 2,959,327	\$ 1,207,123	\$ 4,166,450
October	\$ 9,429,391	\$ 2,963,533	\$ 12,392,924	\$ 9,625,191	\$ 3,482,509	\$ 13,107,700
November	\$ 2,852,633	\$ 1,010,165	\$ 3,862,798	\$ 1,395,612	\$ 548,716	\$ 1,944,328
December	\$ 1,404,326	\$ 663,566	\$ 2,067,892	\$ 784,118	\$ 240,380	\$ 1,024,498
January	\$ 2,922,159	\$ 499,819	\$ 3,421,978	\$ 3,258,348	\$ 825,244	\$ 4,083,592
February	\$ 11,147,794	\$ 3,487,870	\$ 14,635,664	\$ 8,662,268	\$ 2,441,158	\$ 11,103,426
March	\$ 2,076,728	\$ 801,231	\$ 2,877,959	\$ 5,052,839	\$ 1,661,514	\$ 6,714,353
April	\$ 4,209,917	\$ 868,217	\$ 5,078,134	\$ 817,797	\$ 352,578	\$ 1,170,375
May	\$ 2,139,471	\$ 850,373	\$ 2,989,844	\$ 6,842,919	\$ 2,114,307	\$ 8,957,226
June	\$ 7,194,131	\$ 3,236,478	\$ 10,430,609	\$ 8,983,953	\$ 2,555,851	\$ 11,539,804
<b>Totals</b>						
June	\$ 50,811,755	\$ 16,943,838	\$ 67,755,593	\$ 57,181,638	\$ 17,864,903	\$ 75,046,541
Fiscal Year	\$ 50,811,755	\$ 16,943,838	\$ 67,755,593	\$ 57,181,638	\$ 17,864,903	\$ 75,046,541

<b>Expenditures</b>						
<b>Monthly Comparison</b>						
	<b>Fiscal Year 2019</b>			<b>Fiscal Year 2018</b>		
	Direct	Indirect	Total	Direct	Indirect	Total
July	\$ 1,457,335	\$ 271,801	\$ 1,729,136	\$ 1,034,917	\$ 204,468	\$ 1,239,385
August	\$ 1,494,674	\$ 176,096	\$ 1,670,770	\$ 992,670	\$ 196,974	\$ 1,189,643
September	\$ 1,032,818	\$ 153,509	\$ 1,186,327	\$ 860,645	\$ 152,813	\$ 1,013,458
October	\$ 671,226	\$ 113,309	\$ 784,535	\$ 732,240	\$ 103,562	\$ 835,802
November	\$ 1,551,103	\$ 130,655	\$ 1,681,758	\$ 754,907	\$ 95,183	\$ 850,090
December	\$ 866,927	\$ 127,498	\$ 994,425	\$ 1,297,665	\$ 118,294	\$ 1,415,959
January	\$ 277,686	\$ 85,464	\$ 363,150	\$ 1,063,702	\$ 94,638	\$ 1,158,340
February	\$ 1,124,084	\$ 124,791	\$ 1,248,875	\$ 695,835	\$ 129,179	\$ 825,014
March	\$ 644,499	\$ 134,609	\$ 779,107	\$ 907,528	\$ 120,463	\$ 1,027,991
April	\$ 788,412	\$ 110,687	\$ 899,099	\$ 903,308	\$ 116,868	\$ 1,020,176
May	\$ 1,008,594	\$ 194,772	\$ 1,203,366	\$ 1,205,759	\$ 164,230	\$ 1,369,989
June	\$ 2,235,101	\$ 337,435	\$ 2,572,536	\$ 2,146,881	\$ 361,681	\$ 2,508,562
<b>Totals</b>						
June	\$ 13,152,458	\$ 1,960,626	\$ 15,113,084	\$ 12,596,056	\$ 1,858,352	\$ 14,454,408
CSU Fiscal Year	\$ 13,152,458	\$ 1,960,626	\$ 15,113,084	\$ 12,596,056	\$ 1,858,352	\$ 14,454,408
CCF Fiscal Year*			\$ -			
<b>Grand Total</b>	\$ 13,152,458	\$ 1,960,626	\$ 15,113,084	\$ 12,596,056	\$ 1,858,352	\$ 14,454,408

\*\*CCF Expenditures will be updated when available.

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

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

**July 1, 2018 - June 30, 2019**

**and**

**July 1, 2017 - June 30, 2018**

**College/Division**

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

	<b>Fiscal Year 2019</b>				<b>Fiscal Year 2018</b>			
	Direct	Indirect	Total	Count	Direct	Indirect	Total	Count
College of Business Administration	\$ 317,995	\$ -	\$ 317,995	5	\$ 248,892	\$ -	\$ 248,892	4
College of Education & Human Services	\$ 624,154	\$ 18,358	\$ 642,512	10	\$ 657,519	\$ 36,357	\$ 693,876	12
College of Engineering	\$ 1,784,277	\$ 546,075	\$ 2,330,352	20	\$ 2,120,292	\$ 749,563	\$ 2,869,855	16
College of Law	\$ 52,000	\$ -	\$ 52,000	1	\$ -	\$ -	\$ -	0
College of Liberal Arts & Social Sciences	\$ 235,499	\$ 18,909	\$ 254,408	11	\$ 514,945	\$ 78,680	\$ 593,625	16
School of Nursing	\$ 171,163	\$ 11,872	\$ 183,035	7	\$ 330,199	\$ 9,216	\$ 339,415	6
College of Sciences & Health Professions	\$ 1,103,611	\$ 210,363	\$ 1,313,974	13	\$ 5,388,664	\$ 1,672,864	\$ 7,061,528	26
College of Urban Affairs	\$ 1,201,535	\$ 148,109	\$ 1,349,644	31	\$ 1,739,763	\$ 166,895	\$ 1,906,658	36
Central Administration	\$ 5,156,733	\$ 290,064	\$ 5,446,797	23	\$ 3,267,517	\$ 102,022	\$ 3,369,539	19
<b>June Totals</b>	<b>\$ 10,646,967</b>	<b>\$ 1,243,750</b>	<b>\$ 11,890,717</b>	<b>121</b>	<b>\$ 14,267,791</b>	<b>\$ 2,815,597</b>	<b>\$ 17,083,388</b>	<b>135</b>

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

**YEAR-TO-DATE SUMMARY COMPARISON - PROPOSALS**

**July 1, 2018 - June 30, 2019**

**and**

**July 1, 2017 - June 30, 2018**

**College/Division  
Proposals**

	<b>Fiscal Year 2019</b>				<b>Fiscal Year 2018</b>			
	Direct	Indirect	Total	Count	Direct	Indirect	Total	Count
College of Business Administration	\$ 366,763	\$ 91,576	\$ 458,339	6	\$ 10,000	\$ -	\$ 10,000	1
College of Education & Human Services	\$ 2,746,200	\$ 709,726	\$ 3,455,926	15	\$ 3,596,817	\$ 756,628	\$ 4,353,445	23
College of Engineering	\$ 22,166,291	\$ 8,344,979	\$ 30,511,270	53	\$ 20,590,784	\$ 7,488,158	\$ 28,078,942	56
College of Law	\$ 236,999	\$ 78,278	\$ 315,277	2	\$ 416,582	\$ 177,713	\$ 594,295	3
College of Liberal Arts & Social Sciences	\$ 1,491,129	\$ 341,782	\$ 1,832,911	17	\$ 1,421,727	\$ 319,162	\$ 1,740,889	26
School of Nursing	\$ 591,461	\$ 38,373	\$ 629,834	9	\$ 3,626,850	\$ 420,265	\$ 4,047,115	8
College of Sciences & Health Professions	\$ 16,475,041	\$ 6,580,214	\$ 23,055,255	46	\$ 15,909,870	\$ 6,191,307	\$ 22,101,177	61
College of Urban Affairs	\$ 1,955,987	\$ 502,921	\$ 2,458,908	33	\$ 2,665,682	\$ 424,914	\$ 3,090,596	45
Central Administration	\$ 4,781,884	\$ 255,989	\$ 5,037,873	21	\$ 8,943,326	\$ 2,086,756	\$ 11,030,082	30
<b>June Totals</b>	<b>\$ 50,811,755</b>	<b>\$ 16,943,838</b>	<b>\$ 67,755,593</b>	<b>202</b>	<b>\$ 57,181,638</b>	<b>\$ 17,864,903</b>	<b>\$ 75,046,541</b>	<b>253</b>

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

**July 1, 2018 - June 30, 2019**

**and**

**July 1, 2017- June 30, 2018**

**College/Division  
Expenditures**

	<b>Fiscal Year 2019</b>			<b>Fiscal Year 2018</b>		
	Direct	Indirect	Total	Direct	Indirect	Total
College of Business Administration	\$ 256,196	\$ -	\$ 256,196	\$ 238,539	\$ -	\$ 238,539
College of Education & Human Services	\$ 869,200	\$ 83,370	\$ 952,570	\$ 1,037,610	\$ 80,907	\$ 1,118,517
College of Engineering	\$ 1,466,484	\$ 429,565	\$ 1,896,049	\$ 1,721,089	\$ 412,563	\$ 2,133,652
College of Law	\$ 33,481	\$ -	\$ 33,481	\$ -	\$ -	\$ -
College of Liberal Arts & Social Sciences	\$ 247,548	\$ 23,935	\$ 271,483	\$ 284,899	\$ 42,078	\$ 326,977
School of Nursing	\$ 269,327	\$ 10,477	\$ 279,804	\$ 251,283	\$ 8,692	\$ 259,975
College of Sciences & Health Professions	\$ 2,847,186	\$ 988,866	\$ 3,836,052	\$ 3,136,573	\$ 956,945	\$ 4,093,518
College of Urban Affairs	\$ 1,257,717	\$ 135,363	\$ 1,393,080	\$ 1,302,658	\$ 133,784	\$ 1,436,442
Central Administration	\$ 5,905,319	\$ 289,050	\$ 6,194,369	\$ 4,623,405	\$ 223,384	\$ 4,846,789
<b>June Totals</b>	<b>\$ 13,152,458</b>	<b>\$ 1,960,626</b>	<b>\$ 15,113,084</b>	<b>\$ 12,596,056</b>	<b>\$ 1,858,353</b>	<b>\$ 14,454,409</b>

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

**Sponsored Programs and Research Award Activity Detail  
July 1, 2018 through June 30, 2019**

*Supplement to June 2019 Monthly Activity Report*

Amount	Sponsor	Title	Principal Investigator
<b>BUSINESS</b>			
<b>Dean's Office</b>			
\$160,620	U.S. Small Business Administration (Development Services Agency)	Small Business Development Centers	Colette Hart
\$77,375	Ohio Development Services Agency	State - SBDC - ODOD funds	Colette Hart
\$62,000	Burton D. Morgan Foundation	Academic and Experiential Entrepreneurship Funding Proposal	Colette Hart
\$10,000	Ohio Development Services Agency	Ohio Export Internship Program	Colette Hart
\$8,000	Ohio Development Services Agency	2019 Ohio Germany Trade Mission	Colette Hart
<b>CENTRAL ADMINISTRATION</b>			
<b>Academic Programs</b>			
\$433,133	Ohio Department of Education	OhioCorps	Shannon Greybar Milliken
\$55,400	Association of Public and Land Grant Universities	Connect to College	Peter Meiksins
\$50,000	Ohio Department of Higher Education	Adult Promise Initiative	Peter Meiksins
\$25,000	Association of Public and Land Grant Universities	Adaptive Courseware for Early Success	Peter Meiksins
\$19,000	Ohio Department of Education	Campus-Level Action and Success Supports	Peter Meiksins
\$5,000	KeyBank Foundation	KeyBank Scholars	Peter Meiksins
<b>Business &amp; Finance</b>			
\$14,652	Ohio Department of Natural Resources	ODNR 2019 Boating Safety Education Grant	Michelle Rieger
<b>Graduate Studies</b>			
\$299,967	National Science Foundation	EAGER: Composing Pathways for Collaboration Between Computer Science Researchers and Practitioners (CompPath)	Nigamanth Sridhar
\$250,247	Cleveland Foundation	Computer Science for All in CMSD - Phase 4	Nigamanth Sridhar
\$64,935	Envision (Cleveland Foundation)	Collaborative relationship with NEOSTEM Ecosystem	Nigamanth Sridhar
\$50,000	Ohio Department of Higher Education	Short Term Certificates	Nigamanth Sridhar
<b>Provost</b>			
\$1,436,400	Ohio Board of Regents	Choose Ohio First FY2020	Barbara Margolius
\$1,286,435	Ohio Board of Regents	Choose Ohio First FY2019	Barbara Margolius
<b>Research Office</b>			
\$1,005,249	Case Western Reserve University (Cleveland Foundation)	Cleveland IoT Collaborative - Phase 2	Jerzy Sawicki
\$168,560	Universities Space Research Association (NASA)	Development and application of NDE techniques for advanced aerospace materials and structures	Jerzy Sawicki
\$49,992	Ford Motor Company	Automotive Systems Optimization	Daniel Simon

Amount	Sponsor	Title	Principal Investigator
<b>Student Affairs</b>			
\$227,208	Substance Abuse and Mental Health Services Administration	Building Partners for Suicide Prevention	Katharine Hahn
<b>University Police</b>			
\$5,621	Ohio Office of Criminal Justice Services	JAG Grant	Anthony Traska
<b>EDUCATION &amp; HUMAN SERVICES</b>			
<b>Center for STEMM Education</b>			
\$32,000	Battelle Memorial Institute	Northeast Ohio Regional STEM Hub Investment & Embed Support	Debbie Jackson
<b>Dean's Office</b>			
\$252,000	Cleveland Metropolitan School District	Teaching Fellows	Sajit Zachariah
\$159,000	Cleveland Foundation	Cleveland Foundation Teaching Fellows Program (Year 4)	Sajit Zachariah
\$30,000	Ohio Department of Education (US Department of Education)	Recruiting Diverse Teachers	Sajit Zachariah
<b>Health &amp; Human Performance</b>			
\$15,000	Alliance for a Healthier Generation (St. Luke's Foundation)	CSU-CMSD School Health Fellowship Project	Judith Ausherman
<b>Teacher Education</b>			
\$100,000	Ohio Dean's Compact (Ohio Department of Education)	Project DREAM: Dual Resident Education Action Model	Tachelle Banks
\$25,750	Martha Holden Jennings Foundation	Viking CHAMPS	Joann Goodell
\$20,000	National Writing Project (USDE)	The City is Our Campus: Amplifying Youth Voice, Expanding Youth Space.	Mary Buckley
<b>Urban Education</b>			
\$8,762	American Institutes for Research (U.S. Department of Education)	Cleveland Partnership for English Learner Success	Adam Voight
<b>ENGINEERING</b>			
<b>Chemical &amp; Biomedical</b>			
\$346,889	National Science Foundation	Engineered Organic Color Centers for Profiling Protein-Carbohydrate Recognition	Geyou Ao
\$292,357	Cincinnati Children's Hospital Medical Center (National Institutes of Health)	Modeling diabetes using an integrated plate system	Moo-Yeal Lee
\$80,000	Colgate- Palmolive	Colgate-Palmolive Company	Moo-Yeal Lee
\$31,185	National Science Foundation	CAREER: Interrogating dense anisotropic colloidal suspensions with SMR-TIRM	Christopher Wirth
\$16,394	PPG	Developing the Variable Angle Inspection Microscopy to measure kinematics of drying paint	Christopher Wirth
\$15,000	Ohio State University (Ohio Department of Higher Education)	Ohio I-Corps Program	Geyou Ao
\$10,740	Cuyahoga Community College (National Institutes of Health)	Bridges to Success in Sciences	Jorge Gatica
<b>Civil</b>			
\$500,000	Greater Cleveland Regional Transit Authority (U.S. Ohio Department of Transportation)	RTA Project	Stephen Duffy
<b>Dean's Office</b>			
\$161,160	Fenn Education Fund (Cleveland Foundation)	Maximizing Accessibility: Fenn Engineering Cooperative Education Experiences	Anette Karlsson
\$9,000	Ohio Space Grant Consortium	Ohio Space Grant AY18-AY19	Rose Begalla



<b>Amount</b>	<b>Sponsor</b>	<b>Title</b>	<b>Principal Investigator</b>
<b>Electrical &amp; Computer</b>			
\$299,977	National Science Foundation	SaTC: EDU: Game-Based Cyber Security Education on Anonymous Communication	Ye Zhu
\$130,000	Midcontinent Independent System Operator, Inc.	Data-driven approach to building watchlist of security constraint	Hongxing Ye
\$49,992	Ford Motor Company	Ridesharing Optimization with Real-Time Multi-Objective Swarm Intelligence	Daniel Simon
<b>Mechanical</b>			
\$159,906	Air Force Office of Scientific Research	Fundamentals of Strengthening Mechanisms in Carbon Nanotube (CNT)/ Graphene Nanoplatelet (GNP) Reinforced Metal Matrix Composites for Aerospace Structural Applications	Tushar Borkar
\$105,539	Cleveland Clinic Foundation (National Institutes of Health)	Reproducibility in simulation-based prediction of natural knee mechanics	Jason Halloran
\$60,192	Stryker	Computational Modeling of the Knee Using Intra-Operative Measurement Tools	Jason Halloran
\$52,037	Akron Children's Hospital	Pediatric Engineering Research	Brian Davis
\$9,984	Forging Industry Educational & Research Foundation	Effect of Processing Variables and Die Geometry on Microstructure of Forged IN718	Tushar Borkar
<b>LAW</b>			
<b>Law</b>			
\$52,000	Charles Koch Foundation	Use of "big data" in law enforcement and policy	Brian Ray
<b>LIBERAL ARTS &amp; SOCIAL SCIENCES</b>			
<b>Art</b>			
\$13,553	Ohio Arts Council	Sustainability 2018-2019	Robert Thurmer
<b>Dean's Office</b>			
\$8,000	Kulas Foundation	Kulas Student Ticket Program	Gregory Sadlek
<b>History</b>			
\$11,996	Lorain Public Library System	Lorain Public Library System Local History Digital Archive	J. Mark Souther
<b>Music</b>			
\$11,000	Cleveland Foundation	Cleveland Arts Education Consortium (CAEC) 2019 Programming	Judith Ryder Frumker
\$10,000	Char and Chuck Fowler Family Foundation	CAEC: Serving Members and Community	Judith Ryder Frumker
\$8,000	George Gund Foundation	Cleveland Arts Education Programs & Gen Op 2018-2019	Judith Ryder Frumker
\$2,946	Ohio Arts Council	CAEC 2018-2019 Ohio Arts Council	Judith Ryder Frumker
\$2,000	Cyrus Eaton Foundation	CAEC 2018-19 Cyrus Eaton	Judith Ryder Frumker
\$2,000	Nord Family Foundation	CAEC 2018-19 Nord Family Foundation	Judith Ryder Frumker
<b>Social Work</b>			
\$35,000	St. Vincent Charity Medical Center	Medical Legal Partnership Program	Cathleen Lewandowski
<b>Sociology</b>			
\$149,913	Alzheimer's Association	A Virtual Interaction Training Guide as a Quality of Life Intervention	Linda Francis

Amount	Sponsor	Title	Principal Investigator
<b>NURSING</b>			
<b>Nursing</b>			
\$83,000	Northeast Ohio Medical University (Health Resources and Services Administration)	Area Health Education Centers Point of Service Maintenance & Enhancement	Joan Thoman
\$26,000	Cuyahoga County Board of Health (Centers for Disease Control and Prevention)	Racial & Ethnic Approaches to Community Health (REACH)	Joan Thoman
\$23,562	Northeast Ohio Medical University (Health Resources and Services Administration)	Area Health Education Center	Joan Thoman
\$19,940	Summa Health Systems (Health Resource & Services Administration)	Geriatrics Workforce Enhancement	Joan Niederriter
\$15,000	Ohio State University (Ohio Department of Higher Education)	Ohio I-Corps Program	William Matcham
\$13,534	Summa Health Systems (Health Resource and Service Administration)	Geriatrics Workforce Enhancement	Joan Niederriter
\$2,000	Ohio Nurses Foundation	Post-Partum Skin-To-Skin Contact (SSC to reduce neonatal abstinence syndrome severity)	Raouth Kostandy
<b>SCIENCES &amp; HEALTH PROFESSIONS</b>			
<b>Chemistry</b>			
\$58,410	Cleveland Clinic Lerner College of Medicine (National Institutes of Health)	HDL Structure, Function and Dysfunction	Valentin Gogonea
\$36,375	Cleveland Clinic Foundation (National Institutes of Health)	Mechanism of ApoA1 Lipidation by ABCA1 in HDL Biogenesis	Valentin Gogonea
<b>Dean's Office</b>			
\$118,267	Ohio State University (National Institutes of Health)	Ohio LSAMP Alliance	John Holcomb
<b>Gene Regulation in Health &amp; Disease</b>			
\$445,500	National Institutes of Health	RNase L contributes to lipid homeostasis	Aimin Zhou
\$17,395	Case Western Reserve University (National Institutes of Health)	Salt-Sensitive Hypertension: Role of renal superoxide	Andrew Resnick
<b>Health Sciences</b>			
\$238,441	RAPIDS School of Health Sciences Equipment	Ohio Department of Higher Education	Elizabeth Domholdt
\$30,000	Northeastern Ohio Medical University (Health Resources and Services Administration)	Health Professions Affinity Community (HPAC) Undergraduate Test Prep and Experiential Enrichment Program	Brigette Wilson
<b>Mathematics</b>			
\$249,000	Ohio State University (National Science Foundation)	LSAMP Cleveland State	John Holcomb
\$19,787	Sanford I. Weill Medical College of Cornell University	Identifying mechanisms of tissue injury in MS lesions: a multi-modality imaging approach	Sandra Hurtado Rua
\$18,306	Case Western Reserve University (National Institutes of Health)	Mitochondrial Biomarkers in Huntington's Disease	Yiyang Fan
<b>Psychology</b>			
\$49,629	William T. Grant Foundation	Integrated Data to Reduce Disproportionality in School Discipline Referrals and Increase Access to Supports	Shereen Naser
\$28,639	University of Pittsburgh (National Institutes of Health)	Biobehavioral inflexibility and risk for juvenile-onset depression	Ilya Yaroslavsky
\$4,225	Northwestern University (National Institutes of Health)	Language in Primary Progressive Aphasia	Robert Hurley

Amount	Sponsor	Title	Principal Investigator
<b>URBAN</b>			
<b>Research &amp; Public Policy</b>			
\$300,000	U.S. Mission to Georgia	University Research and Entrepreneurship Program	Iryna Lendel
\$256,699	Public Utilities Commision of Ohio (PUCO)	The Center for Emergency Preparedness	Robert Ziol
\$130,000	JobsOhio	Shale Investment Dashboard FY2020	Andrew Thomas
\$85,000	Greater Cleveland Regional Transit Authority	GCRTA Economic Impact Study	Iryna Lendel
\$74,280	Northeast Ohio Public Energy Council	Electricity Competition Update	Andrew Thomas
\$65,000	Ohio Steel Council	Economic impact of the Ohio steel industry	Iryna Lendel
\$50,000	Cuyahoga County	Cuyahoga County Research Services	Iryna Lendel
\$50,000	Cleveland Foundation	Microgrid Investigation Phase 2	Andrew Thomas
\$45,395	Texas A&M University	Managing NACC Programs	Robert Ziol
\$30,000	TeamNEO	Microgrid Project	Andrew Thomas
\$28,818	Coalition of Urban and Metropolitan Universities	Urban and Metropolitan Opportunity Youth Programs Research	Molly Schnoke
\$25,000	City of Lorain	City of Lorain Housing Study	Kirby Date
\$25,000	Cuyahoga County	Cuyahoga County Services	Iryna Lendel
\$16,400	Neighborhood Leadership Institute	Training and Development (Salary & Fringe portion-fixed fee)	Robert Ziol
\$12,300	Neighborhood Leadership Institute	NLC 35 Training and Development CR	Robert Ziol
\$12,000	FRONT Exhibition Company	Economic impact of FRONT International on the Cleveland-Elyria Metropolitan Statistical Area	Iryna Lendel
\$10,000	Cleveland Clinic Foundation	Cleveland Clinic Geocoding	Merissa Piazza
\$5,120	Campaign Legal Center	Analysis of Jailed Prisoners Eligible to Vote on Weekend Prior to Election	Mark Salling
\$2,780	Cleveland Development Advisors (CDA)	CDFI tract maps and data table	Mark Salling
\$2,352	Urban Land Institute	Urban Plan for Public Officials	Robert Ziol
\$1,000	Campaign Legal Center	Engagement as Expert for Ohio Late-Jailed Electors Litigation	Mark Salling
<b>Urban Affairs</b>			
\$75,000	Cleveland Public Library	America Reads	Anita Ruf-Young
<b>Urban Studies</b>			
\$47,500	Cleveland Foundation	Smart Cities Cataloging Project	Obed Pasha

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.