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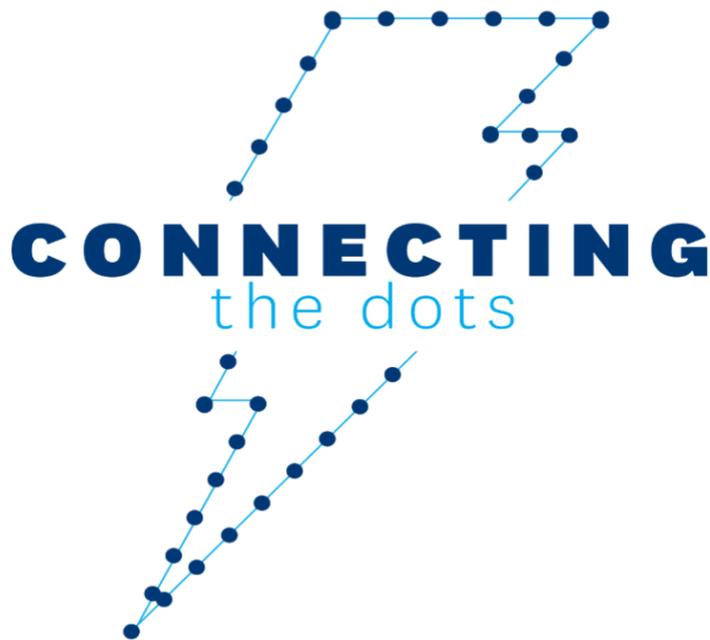
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OFFICE OF ANALYTICS NEWSLETTER

KENT STATE UNIVERSITY AT STARK

VOLUME 1

ISSUE 2

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MARKET & COMPETITION

What is the market area of Kent State Stark and which colleges and universities are our competitors? Is our market area Stark and Summit Counties? Are our competitors the public and private colleges and universities in these two counties?

Much of this issue of *Connecting the Dots* is devoted to describing Kent State Stark's market and competition. Why is this important? In a recent survey, higher education leaders selected increasing/new forms of competition for prospective students, declining traditional-age student population, increasing non-traditional student population, and declining federal and state financial support as the market trends that will most impact their institutions in the next five years (Stokes, P., et al, 2019 [6]). These trends are all market- and competition-related, and directly affect the stability and vitality of markets and competition. Informed by these trends, higher education leaders will make decisions and allocate resources. Therefore, this issue and subsequent issues of *Connecting the Dots* will delve into the following questions: What is our market area and who are our competitors, how have they changed, and how are they likely to change?

Traditional Market Area

The market area of Kent State Stark is influenced by several factors, including being a non-residential, regional campus surrounded by other Kent State campuses to the north, south, and east. Distance is a major factor defining our market area for all but online students. We will narrowly focus market area and competition on students. Colleges and universities also compete for faculty, funding, resources, and donations, but our focus is on students.

Kent State Stark's total undergraduate *preponderant* enrollment from Ohio is 3,237 students. Of these students, more than three-quarters come from Stark (60.2%) and Summit (17.5%) Counties. An additional 15.9% come from Stark's border counties, excluding Summit and including Carroll (2.0%), Columbiana (1.4%), Holmes (0.2%), Mahoning (1.0%), Portage (3.5%), Tuscarawas (3.6%), and Wayne (4.1%). Medina (1.2%) is the only other county from where at least 1% of Kent State Stark's students come, with 0.9% from Cuyahoga County. (See Fig. 2.)

Based on the 2019 preponderant enrollment data, Kent State Stark's market area is Stark County and its border counties. Its primary market area is Stark County and its secondary market areas are Summit County and the border counties excluding Summit. Given the student density of Summit County versus the seven remaining border counties, Summit County will be considered Kent State Stark's secondary market and the border counties, excluding Summit, the tertiary market. These markets are not fixed and have been shifting over time.



Market Changes

Enrollment at Kent State Stark from Stark County has fallen 7 percentage points from 67.2% in 2010 to 60.2% in 2019, and declined in number of students from 2,851 to 1,948. Summit has grown its share of enrollment slightly from 17% in 2010 to 17.5% in 2019, but the number of students has declined from 722 to 567. Much of the growth in both number and percent share has been in the border counties, which increased more than 5 percentage points from 10.6% in 2010 to 15.9% in 2019, and grew in number of students from 450 to 515. (See Figures 1 and 2.)

Medina and Cuyahoga Counties have also increased both the number and percent share of students. Medina increased the number of students from 26 to 40 and the percent share from 0.6% to 1.2%. Cuyahoga County increased the number of students from 19 to 28 and its share from 0.4% in 2010 to 0.9% in 2019. These are incremental changes, but growing, at a time when numbers of students are shrinking from most counties. These counties will be considered potential markets.

Enrollment in Ohio public colleges and universities by students from Stark and Summit Counties, the primary and secondary markets of Kent State Stark, has been declining. Concurrent enrollment by students from Stark County in Ohio public institutions of higher education (IHE) fell 35% from 18,196 in 2010 to 11,871 in 2018, and concurrent enrollment by students from Summit County decreased by 21% from 22,986 in 2010 to 18,151 in 2018. Concurrent enrollment by students from the border counties has also declined 32% from 25,092 in 2010 to 17,134 in 2018. The combined primary, secondary, and tertiary market areas contracted from 66,274 students enrolled in Ohio public IHEs to 47,156 students, a decline of 29%.

In our potential markets, concurrent enrollment by students from Medina County in Ohio public IHEs has declined only 7.4% from 7,619 in 2010 to 7,055 in 2018. Enrollment in Ohio public IHEs by Cuyahoga County students declined 32% from 59,088 students in 2010 to 39,978 students in 2018.

(Please note future *Connecting the Dots* issues will discuss Kent State Stark's online market area and the trends in the K-12 student populations of Kent State Stark's market areas. In general, K-12 student populations are declining but different counties have different trends, and within counties, not all school districts have falling student populations.)

Figure 1

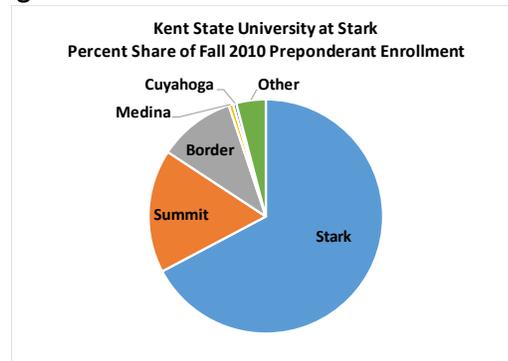
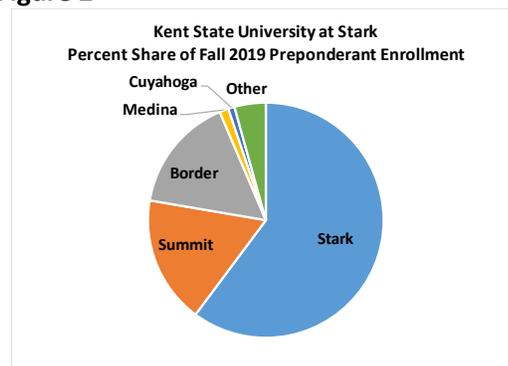


Figure 2



The Competition

HEIs in Stark County

After Cuyahoga, Franklin, and Hamilton Counties, where Cleveland, Columbus, and Cincinnati are located, Stark has the highest number of nonprofit higher education institutions among Ohio counties. Kent State Stark's primary market area, Stark County, is home to six nonprofit public and private colleges and universities (Aultman College of Nursing and Health Sciences, Kent State University at Stark, Malone University, Stark State College, University of Mount Union, and Walsh University). These institutions compete within Stark County and within Kent State Stark's secondary and tertiary markets.

Competition within the Kent State University System

Another significant factor of Kent State Stark's secondary and tertiary market areas is that five of the eight border counties – Columbiana, Mahoning, Portage, Summit, and Tuscarawas – are home to Kent State University campuses or a regional academic center. These five counties are the largest of the border counties in terms of enrollment in Ohio public institutions of higher education.



Table 1

Kent State University, Kent Campus						
Market Share Growth By KSU Campus County						
Ohio County	Concurrent Enrollment			Market Share		
	2,010	2,018	Change	2010	2018	Gain / Loss
Ashtabula County	351	275	-76	9.0%	11.9%	2.84
Columbiana County	428	335	-93	10.8%	13.0%	2.16
Geauga County	535	481	-54	14.0%	14.6%	0.59
Portage County	2,298	1,761	-537	38.8%	35.2%	-3.60
Stark County	1,500	1,634	134	8.2%	13.8%	5.52
Summit County	3,367	3,461	94	14.6%	19.1%	4.42
Trumbull County	865	714	-151	10.7%	12.8%	2.14
Tuscarawas County	318	300	-18	8.5%	12.1%	3.62
Ohio County	Preponderant Enrollment			Market Share		
	2,010	2,018	Change	2010	2018	Gain / Loss
Ashtabula County	199	231	32	5.3%	10.2%	4.83
Columbiana County	252	254	2	6.7%	10.2%	3.50
Geauga County	361	450	89	9.9%	13.8%	3.88
Portage County	2,086	1,877	-209	36.5%	36.6%	0.14
Stark County	1,074	1,365	291	6.0%	11.8%	5.72
Summit County	2,599	3,495	896	11.7%	19.2%	7.52
Trumbull County	542	630	88	7.0%	11.5%	4.52
Tuscarawas County	197	242	45	5.4%	10.0%	4.56

Kent Campus Growing its Market Share in Regional Campus Markets

The Kent Campus increased its market share in nearly every county in Ohio from 2010 to 2018 based on concurrent enrollment, excluding five counties, one of which is Portage, the home county of the Kent Campus where it lost 3.6 percentage points in market share from 38.8% in 2010 to 35.2% in 2018. However, based on preponderant enrollment, the Kent Campus gained 0.1 percentage point in market share in Portage County.

Some of the most significant gains in Kent Campus's market share is in counties with Kent State University regional campuses and its regional academic center, where percentage point gains ranged from 3.5 in Columbiana County to 7.5 in Summit County, using preponderant enrollment data. In each county with a Kent State University regional campus, a dominant growing competitor institution is Kent State University at Kent.

- In Ashtabula County, the location of the Ashtabula Campus, the Kent Campus increased its market share by 4.8 percentage points from 5.3% in Fall 2010 to 10.2% Fall 2018 – more than any other Ohio public HEI.
- In Columbiana County, where the East Liverpool and Salem Campuses are located, the Kent Campus increased its market share by 3.5 percentage points from 6.7% in Fall 2010 to 10.2% in Fall 2018, the highest market share gain of any Ohio public HEI in Columbiana County.
- In Geauga County, which is home to the Geauga Campus, the Kent Campus has increased its market share by 3.9 percentage points from 9.9% in Fall 2010 to 13.8% in Fall 2018.
- In Stark County, the location of the Stark Campus, the Kent Campus increased its market share by 5.7 percentage points from 6.0% in Fall 2010 to 11.8% Fall 2018 – more than any other Ohio public HEI.
- In Summit County, which is the location of the Twinsburg Regional Academic Center, the Kent Campus has increased its market share by 7.5 percentage points from 11.7% in Fall 2010 to 19.2% in Fall 2018.
- In Tuscarawas County, home of the Tuscarawas Campus, the Kent Campus enlarged its market area by 4.6 percentage points from 5.4% in Fall 2010 to 10% in Fall 2018, the greatest market share gain of any Ohio public HEI.
- In Trumbull County, home of the Trumbull Campus, the Kent Campus grew its market area by 4.5 percentage points from 7.0% in Fall 2010 to 11.5% in Fall 2018, the greatest market share gain of any Ohio public HEI.

Competition by Public-Nonprofit IHEs in Kent State Stark's Primary Market

Kent State Stark's primary market of Stark County currently has about 11,464 students enrolled in Ohio public IHEs. It is the smallest in enrollment size of Kent State Stark's three markets. Besides Kent State University's Kent and Stark Campuses, four other public-nonprofit IHEs have grown their market share by more than one percentage point from Fall 2010 to Fall 2018 in Stark County. Ohio State University (OSU) grew by 1.7, University of Akron (UA) by 1.5, Bowling Green State University (BGSU) by 1.2, and Cuyahoga Community College (Tri-C) by 1.1. Furthermore, Ohio University (OU), the University of Cincinnati (UC), Cleveland State University (CSU), and Kent State University at Tuscarawas have grown market share by at least 0.5 percentage points from Fall 2010 to Fall 2018. Only one Ohio public IHE, Stark State College, had a significant market share loss in Stark County. From Fall 2010 to Fall 2018, the number of students enrolled at Stark State College from Stark County decreased 60% from 7,904 to 3,171, and its market share fell from 45.2% to 27.7% in the county. The following IHEs have growing and shrinking market shares, but they all currently have a sizeable market share: Stark State College with 27.7%, Kent State Stark with 19.7%, UA with 13.9%, Kent State University at Kent with 11.9%, and OSU with 6.6%.

Competition by Public-Nonprofit IHEs in Kent State Stark's Secondary Market

Kent State Stark's secondary market of Summit County currently has about 17,658 students enrolled in Ohio public IHEs. It is mid-sized in enrollment compared to Kent State Stark's three markets. The greatest gains in market share in Summit County from Fall 2010 to Fall 2018 have come from Kent State University at Kent by 7.9 percentage points, Stark State College by 3.8 percentage points, OSU by 2 percentage points, and the UC by 1.3 percentage points. Other IHEs with at least a half a percentage point gain in market share from Fall 2010 to Fall 2018 include CSU and Kent State University at Geauga with 0.8 and 0.7 percentage point gains, respectively. During this same time period, the number of students enrolled at UA from Summit County declined 50% from 9,213 in Fall 2010 to 4,562 in Fall 2018, and its market share fell 16.3 percentage points from 42.1% to 25.8%. Tri-C lost 1.4 percentage points and University of Toledo (UT) lost 0.6 percentage points in market share from Fall 2010 to Fall 2018 in Summit County. Ohio public IHEs that currently have a sizeable market share in Summit County are UA with 25.8%, Kent State University at Kent at 19.8%, Stark State College with 17.3%, OSU with 7.4%, and Tri-C with 5.6%. In its secondary market of neighboring Summit County, Kent State Stark currently has a 3.6% market share.

Competition by Public-Nonprofit IHEs in Kent State Stark's Tertiary Market

Kent State Stark's tertiary market of Stark border counties (excluding Summit) currently has about 19,052 students enrolled in Ohio public IHEs. It is the largest of Kent State Stark's three markets in enrollment size and in geography. The greatest gains in market share from Fall 2010 to Fall 2018 in the aggregate, seven-county area that comprises Kent State Stark's tertiary market were from Kent State University at Kent with 4.8 percentage points followed by OSU with 1.3 percentage points, OU with 1.2 percentage points, Kent State Stark with 1.1 percentage points, CSU with 0.9 percentage points, Kent State University at Geauga with 0.7 percentage points, and BGSU and Kent State University at Salem each with 0.5 percentage points. During this same time period, the number of students enrolled at Youngstown State University (YSU) from the Stark border counties declined 40% from 7,831 in Fall 2010 to 4,731 in Fall 2018, and its market share fell 4.3 percentage points from 29.1 percent to 24.8 percent. Other Ohio public IHEs with larger market share losses from Fall 2010 to Fall 2018 include Kent State University at Tuscarawas and UA-Wayne College, each with 1.6 percentage point loss; Kent State University at East Liverpool with a 0.8 percentage point loss; and UA and Stark State College, each with a 0.7 percentage point loss. Ohio public IHEs that currently have a sizeable market share in Stark border counties (excluding Summit) are YSU with 24.8%, Kent State University at Kent with 16.8%, UA with 8.7%, Kent State University at Tuscarawas with 6.1%, OSU with 5.9%, Stark State College with 5.4%, and Kent State University at Salem with 4.9%. Kent State Stark currently has a 2.8% market share in its tertiary market.

Competition by Public-Nonprofit IHEs in Kent State Stark's Potential Markets

Kent State Stark's potential market of Medina County has about 6,914 students enrolled in Ohio public IHEs. The greatest gains in market share from Fall 2010 to Fall 2018 in Medina County were from Kent State University at Kent with 4 percentage points followed by OSU with 2.7 percentage points, UC with 2.2 percentage points, CSU with 2 percentage points, OU with 1.2 percentage points, and OSU Mansfield with 0.5 percentage points. IHEs losing market share in Medina include UA by 4.4, Tri-C by 3.3, UA-Wayne College by 2.7, Lorain Community College by 2.5, and UT by 1.1 percentage points from 2010 to 2018. IHEs with the largest current market share include Tri-C at 21.4%, UA at 18%, Kent State University at Kent at 11.3%, OSU at 9.7%, OU at 6.5%, and CSU at 5.6%. Kent State Stark has a 0.5% market share in Medina County.

Kent State Stark's potential market of Cuyahoga County has about 37,406 students enrolled in Ohio public IHEs. The greatest gains in market share from Fall 2010 to Fall 2018 in Cuyahoga County were from CSU at 4.3 percentage points, OSU at 3.3 percentage points, UC at 2.1 percentage points, and OU at 1.3 percentage points. IHEs with declining market shares in Cuyahoga include Tri-C by 9.1, Kent State University at Kent by 2.0, UT by 1, and Lakeland Community College by 0.5 percentage points from 2010 to 2018. IHEs with the largest current market shares in Cuyahoga County are Tri-C with 41.1%, CSU with 18.6%, OSU with 9.2%, and OU with 5%.

Summary

In the primary, secondary, and tertiary market areas of Kent State Stark, the Ohio public IHE with the highest current market share has had significant declines in enrollment and market share over the Fall 2010 to Fall 2018 period: Stark State College with a 60% decline in enrollment and a 17.5 percentage point decline in market share in Stark County, University of Akron with a 50% decline in enrollment and a 16.3 percentage point decline in market share in Summit County, and Youngstown State University with a 40% decline in enrollment and a 4.3 percentage point decline in market share in Stark border counties (excluding Summit).

The most significant growing competition by Ohio public IHEs located outside of Kent State Stark's market areas is Ohio State University in all three markets, and the following Ohio public IHEs in at least one of Kent State Stark's three markets: Bowling Green State University, Cleveland State University, Cuyahoga Community College, Ohio University, and University of Cincinnati.

This is a first dive and not a comprehensive description of our market area and competition. We have not discussed the primary and secondary school populations and their trends in our market areas or the adult population with some college or an associate's degree in our market areas. Additionally, the competition within Kent State Stark's market areas includes only undergraduate students attending Ohio public universities and colleges, which exclude students from these areas attending private institutions as well as students attending colleges and universities outside of Ohio.

However, the data we do have raise a number of initial questions, such as:

- How does Kent State Stark compete with BGSU, CSU, Tri-C, OU, and UC, all of which are successfully gaining market share in our market areas?
- In all three market areas, the dominant higher education institution is struggling and losing students and market share, can Kent State Stark do anything differently to capture more of these students? Is it too late to make inroads in Summit County, our secondary market, which is also a market with much instability?
- With the declining college student population in Stark County (coupled with the declining primary and secondary school populations in Stark County) do we shift resources to other market areas?
- Our tertiary market of the border counties is our largest market in terms of the number of students and also in terms of its geography – how do we market to this large geographic area?
- Are these three market areas equally representative of recent high school graduating students and adult learners, or are those market areas different for those student populations?
- Is there anything Kent State Stark can do in Medina County, where there are no Kent State campuses and no IHEs, to hasten our meagre market share gains and increases in the number of students from there? Tri-C, UA-Wayne College, and Lorain Community College have recently lost market share and reduced the number of students enrolling in their institutions from Medina County; is this an opportunity for Kent State Stark to move into Medina and win over students?
- Who are the students from Cuyahoga County enrolling at Kent State Stark – are they driving here for face-to-face classes or are they taking online courses? Is there an opportunity to gain market share in this county?



Data Sources and Data Limitations – Market & Competition

Sources: Kent State University Institutional Research is the source of the Kent State University undergraduate preponderant enrollment by county. Ohio Department of Higher Education is the source of concurrent undergraduate enrollment by county in Ohio public colleges and universities. The source of the survey of higher education leaders is [The Transformation-Ready Higher Education Institution](#) by Peter Stokes, Nelson Baker, Richard DeMillo, Louis Soares, and Laura Yaeger, published by Huron, American Council on Education, and the Georgia Institute of Technology in October, 2019.

One of the limitations of the data being used is that we have Ohio IHE undergraduate enrollment by county from the state that is concurrent enrollment. However, preponderant enrollment is preferred to measure market share. We have Kent State University preponderant enrollment by county and can use this to calculate market share, but the denominator – total enrollment by students from a county in Ohio public HEIs is concurrent enrollment. It is an imperfect measure, but is used consistently.

TOP MAJORS

Figures 3 and 4 provide the top majors from Kent State Stark's *preponderant* enrollment for the Spring 2019 and Fall 2019 semesters.

Figures 5 and 6 display majors with at least 20 students from Kent State Stark's concurrent enrollment in Fall 2014 and Fall 2019. Although overall enrollment declined during the five year period, and therefore, the numbers of majors in each discipline have dropped for most majors, the number of majors in two disciplines have increased: Human Development and Family Studies from 103 to 111 and Computer Science from 76 to 87.

Comparing the Fall 2019 majors under concurrent enrollment (Figure 6) with Fall 2019 majors under preponderant enrollment (Figure 4) shows the increase in enrollment from students in the Kent State University system outside of the Stark Campus.

Figure 3 and 4

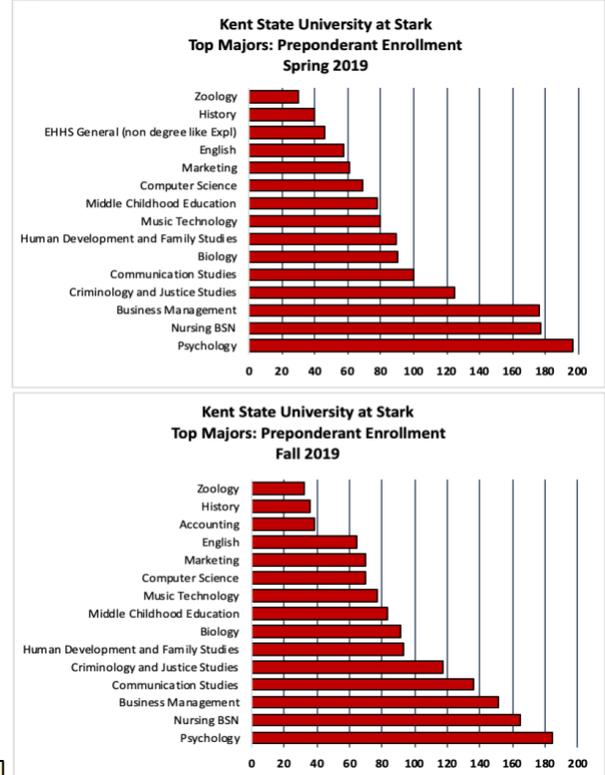


Figure 5

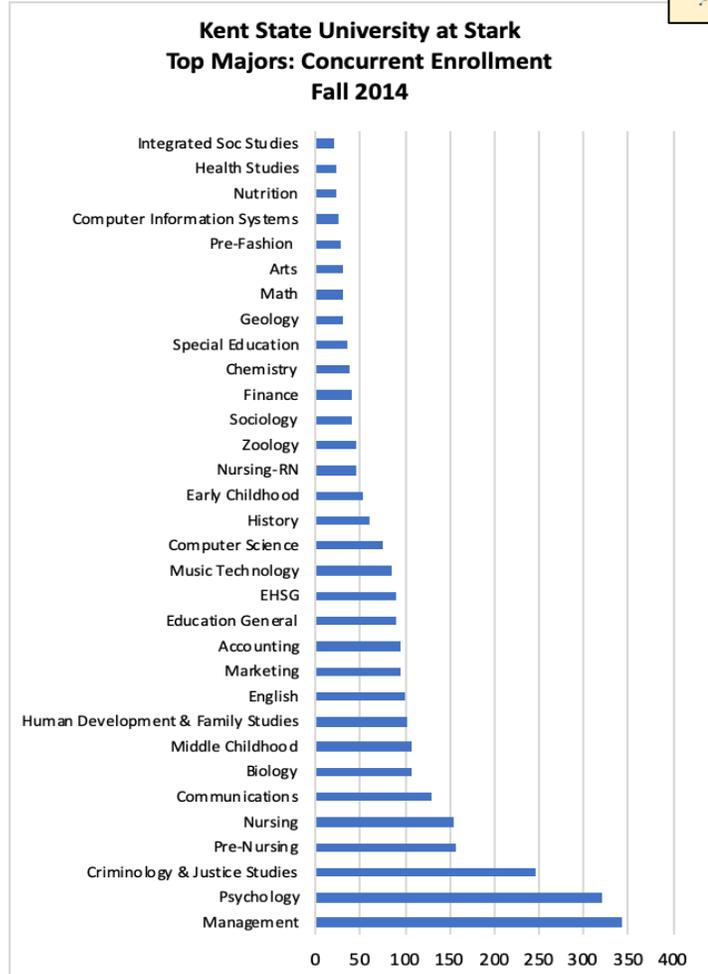
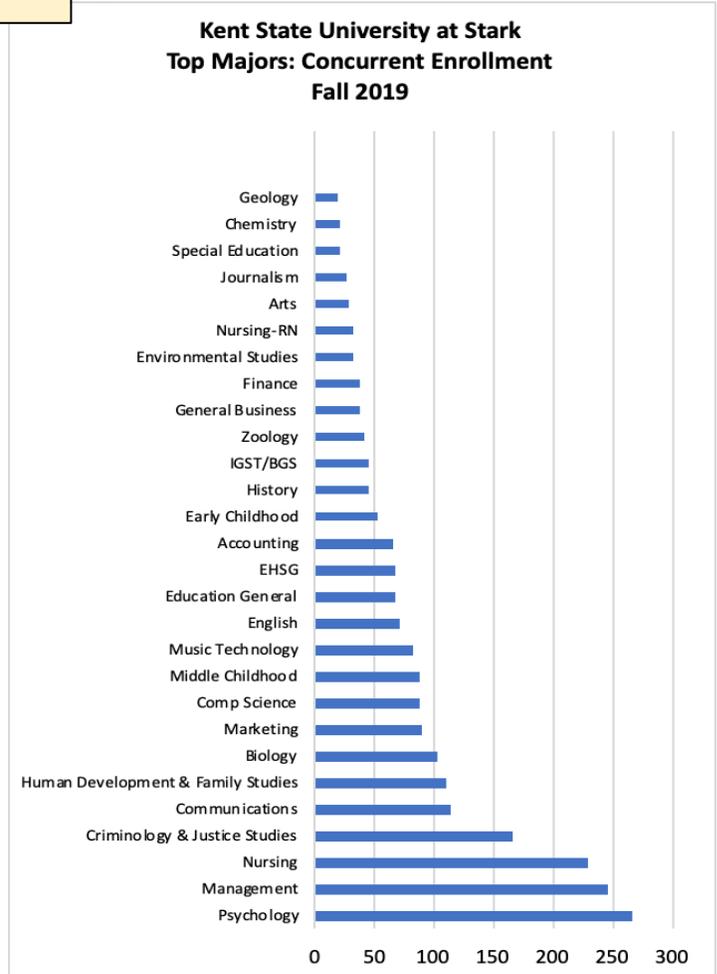
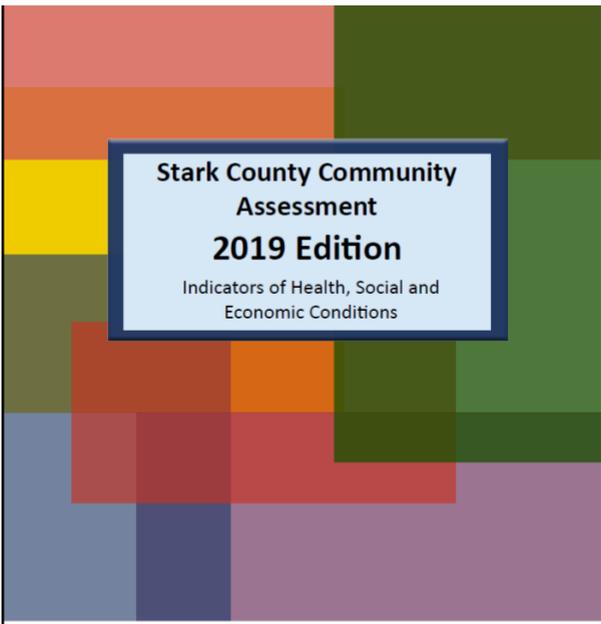


Figure 6



STARK COUNTY DATA RESOURCE



Stark County Community
Assessment
2019 Edition

Indicators of Health, Social and
Economic Conditions

The [Stark County Community Assessment, 2019 Edition: Indicators of Health, Social, and Economic Conditions](#) is available. Using the US Census Bureau's *American Community Survey*, the County Health Rankings website, Ohio Department of Education, Ohio Public Health Information Warehouse, Ohio Development Services Agency, and Local Health Assessments, the assessment provides data on Stark County's demographics; families, households, and neighborhoods; education; economics; environment; and health. It presents a comprehensive snapshot of Stark County using tables, maps, charts, and other graphics.



The *Stark County Community Assessment* answers questions, such as:

- **Where are the highest blood lead levels in the county?**
Children in Alliance are 2.5 times more likely to have elevated lead levels in their blood than children in the rest of Stark County.
- **What is the household survival budget for a family of four in Stark County?**
Using the household survival budget measure, which represents the minimum cost needed to live and work, a family of four needs \$62,952 in Stark County (compared to \$25,750, which is the federal poverty guideline).
- **Where is the highest percentage of disengaged youth?**
Massillon's youth are more than twice as likely to be disengaged from school and work than the county as a whole.
- **What is the most common unmet health need for adults in Stark County?**
Not getting prescription medications due to cost was the most common unmet health need for Stark County adults.
- **Where is chronic absenteeism from school most and least prevalent in Stark County?**
Marlington Local has the highest chronic absenteeism rate at 30.7%, followed by Canton, Massillon and Alliance Cities at 23.0%, 21.6%, and 19.7%. Lake Local has the lowest chronic absenteeism rate at 3.2% followed by Jackson Local, North Canton City, and Minerva Local at 4.7%, 7.4%, and 8.3%.
- **What income can you expect to earn with a bachelor's degree in Stark County?**
Average first-year, full-time earnings with a bachelor's degree in Stark County is \$41,611, which is \$3,633 higher than average earnings with an associate's degree, and \$17,146 lower than average earnings with a master's degree.

GRANT ACTIVITY

Table 2: Grant submissions by quarter and outcomes and award rates for the corresponding quarterly submissions are displayed in Table 1. In fiscal year (FY) 2019, 65 grant proposals, valued at approximately \$1.2 million, were submitted. The number of submitted grants is a record number of submissions compared to previous years, but the dollar value of submitted grants has declined. In the three years prior to FY 2019, 61 to 64 grants were submitted annually, ranging from \$1.6 to \$5 million. Forty-five grants, a record number of awards, have been awarded to date, valued at \$523,525, approximately \$61,000 more than FY 2018, with 1 grant still pending, valued at \$22,558. To date, in FY 2019, Kent State Stark's grant award rate is 70% (#) and 45% (\$) and the average grant award is \$11,634.

In the first quarter of FY 2020, Kent State Stark faculty and staff submitted 9 grant proposals, valued at \$1.2 million with 6 awards valued at \$254,421 and 3 pending, valued at \$950,531. The dollar value of first quarter FY 2020 grant submissions is greater than the total dollar value of all FY 2019 submissions. In the second quarter of FY 2020, which began October 1, Kent State Stark faculty and staff members have submitted 4 proposals, valued at \$202,340; all are pending.



Table 2

Kent State University at Stark													
Grant Activity by Quarter													
October 22, 2019													
	Number of Submissions by Submission Date		Dollar Value of Submissions by Submission Date		Number of Notifications by Notification Date			Dollar Value of Notifications by Notification Date			Award Rate		
	Submitted	Not Submitted	Submitted	Not Submitted	Awarded	Denied	Pending	Awarded	Denied	Pending	Number	Dollar	
Fiscal Year 2018													
Quarter 1	12	0	\$790,927	\$0	8	4	0	\$278,728	\$511,949		66.7%	35.3%	\$34,841
Quarter 2	26	0	\$590,322	\$0	11	15	0	\$50,151	\$530,833		42.3%	8.6%	\$4,559
Quarter 3	14	0	\$66,250	\$0	11	3	0	\$26,390	\$14,500		78.6%	64.5%	\$2,399
Quarter 4	12	0	\$160,814	\$0	11	1	0	\$107,494	\$45,000		91.7%	70.5%	\$9,772
FY2018 Total	64	0	\$1,608,312	\$0	41	23	0	\$462,763	\$1,102,282	\$0	64.1%	29.6%	\$11,287
Fiscal Year 2019													
Quarter 1	15	0	\$328,447	\$0	14	1	0	\$313,087	\$15,360		93.3%	95.3%	\$22,363
Quarter 2	16	0	\$148,465	\$0	11	5	0	\$98,465	\$50,000		68.8%	66.3%	\$8,951
Quarter 3 *	22	2	\$549,581	\$75,000	12	9	1	\$39,796	\$487,227	\$22,558	57.1%	7.6%	\$3,316
Quarter 4	12	1	\$151,653	\$500	8	4	0	\$72,177	\$75,800		66.7%	48.8%	\$9,022
FY2019 Total *	65	3	\$1,178,146	\$75,500	45	19	1	\$523,525	\$628,387	\$22,558	70.3%	45.4%	\$11,634
Fiscal Year 2020													
Quarter 1 *	9	1	\$1,204,952	\$5,000	6	0	3	\$254,421	\$0	\$950,531	100.0%	100.0%	\$42,404
Quarter 2 *	4	0	\$202,340	\$0	0	0	4	\$0	\$0	\$202,340	#DIV/0!	#DIV/0!	#DIV/0!
Quarter 3 *											#DIV/0!	#DIV/0!	#DIV/0!
Quarter 4 *											#DIV/0!	#DIV/0!	#DIV/0!
FY2020 Total *	13	1	\$1,407,292	\$5,000	6	0	7	\$254,421	\$0	\$1,152,871	100.0%	100.0%	\$42,404

* incomplete data



Grant Awards

The following grants were awarded to faculty and staff members of Kent State Stark:

- **A. Kasturiarachi, Ph.D., C. Kauth, R.N., Ph.D, and G. Smith, Ph.D.,** Ohio Department of Higher Education, Choose Ohio first STEMM Scholarship Program, "Regional Collaboration for Pathways to STEMM Degrees for High-Demand Occupations in Ohio," (\$125,921).
- **T. Motter, Ph.D., C. Kauth, R.N., Ph.D.,** Ohio Department of Higher Education, Choose Ohio first STEMM Scholarship Program, "Choose Ohio First STEMM Scholarships for Nursing Students at Kent State University at Kent and Stark Campuses," (\$112,000).
- **V. Pavona,** Ohio Development Services Agency (ODSA), SBDC FY 2020 Grant, \$14,700.

Grant Submissions



Kent State Stark faculty members submitted the following external grant proposals:

- **C. Kauth, R.N., Ph.D.**, Stark Community Foundation, Community Responsive Grant, “Strengthening Career Readiness in Critical Care Nursing to Improve Patient Care in Stark County (\$13,300).
- J. Ruller, J.R. Campbell, M.F.A., **A. Guercio, Ph.D., and Y. Chae, Ph.D.**, ODHE, Regionally Aligned Priorities in Delivering Skills (RAPIDS) for Northeast/Central Ohio Region (\$178,536), with University of Akron, Stark State College, and Lakeland Community College, KSU Stark (\$42,309).
- E. Soprunova, Ph.D., A. Tonge, Ph.D., M. Mikusa, Ph.D., and **A. Kasturiarachi, Ph.D.**, ODHE-ODE, Teacher Credentialing Grant, “CCP Math Teachers Credentialing at KSU,” (\$348,514).

RED FLAGS IN GRANT WRITING

The following grant-writing advice is a summary of “[10 Red Flags in Grant Writing](#)” from *Inside Higher Ed* (October 23, 2019) by Jude Mikal, a research scientist at the University of Minnesota and an on-site grant reviewer, and Sarah Grace, a Ph.D. student and teaching and learning specialist at the University of Arizona.

Mikal and Grace offer advice to faculty grant writers in the form of 10 red flags to help ensure their grant-writing time is productive. Their guide to grant writing focuses less on the grant proposal and more on an overall approach to considering and carrying out research.

1. **Hyper-focusing:** Proposals that are structured around incremental advances in research, sometimes lack a general awareness of the broader impact. The solution may be to spend time considering the applications of the research.
2. **Resistance to feedback:** Academics may interpret feedback as failure and dismiss it. The solution may be to seek feedback in forms that you may be less resistant to receiving, such as written feedback instead of face-to-face. You may also engage a colleague in helping you interpret the feedback in a constructive way.
3. **Decision paralysis:** Stalling a grant proposal occurs based on an inability to make minor decision. Keep in mind that a grant outcome seldom results from a single decision.
4. **Conducting problem, not solution, research:** Focusing on problems rather than solutions may be a red flag to scale up your research and move it beyond the identification of a problem to its quantification and intervention(s).
5. **Excluding readers:** An overreliance on field-specific jargon may result in a proposal that is incomprehensible to grant reviewers outside of your field. The solution is to write as a teacher, not as a student, so that you are writing for the benefit of your readers.
6. **Hoarding mentorship:** Instead of transitioning research roles as more seasoned researchers, faculty hang on to research roles that are better suited to new professors. One solution is to look for leadership opportunities to serve as a mentor to younger, junior investigators.
7. **Tearing down, not building up:** An overly critical approach, in which the researcher tears down the work of predecessors instead of recognizing it as a stepping stone to where the research is heading, should be avoided. The solution is to distinguish critique from criticism, and to positively reframe significant criticism.
8. **Generalizing:** If you have trouble deciding on a direction for your research, ask yourself which roles or projects in the past were most fulfilling and work on skills in those areas.
9. **Conveyor belts:** Researchers respond to feedback quickly and efficiently to appease a reviewer, but don’t necessarily produce their best work. As the opposite of those who resist feedback, the solution may be to discuss research ideas with others who can listen, ask questions, and reflect back on what they are hearing.
10. **Perfectionism:** Noted as the most common red, flag – in which endless tinkering and tweaking prevents moving forward with a proposal. The solution is “submission.”

FUNDING OPPORTUNITIES

The following is a list of grants, awards, and competitions listed by educational area with upcoming deadlines. Please contact Theresa Ford (tford15@kent.edu or x 53580) if you have any questions regarding an opportunity on this list or wish to apply to one.

Arts and Humanities

- Aaron Copland Fund for Music, [Recording Program](#), (up to \$20,000), supports recording projects of significant value by American composers – priority given to living or recently deceased composers’ works; favors first recordings but reissues will be considered if the music is not available from other sources, deadlines November 15, 2019 (preliminary application) and February 18, 2020 (invited full application).
- American Association of University Women, [Summer/Short-Term Research Publication Grants](#),(\$6,000), for women faculty (tenure-track and part-time faculty, and new and established researchers) to prepare research for publication, deadline November 1, 2019 (*Funding Brief available, contact Theresa at tford15@kent.edu or 330.244.3580*).
- American Council of Learned Societies (ACLS), [Henry Luce Foundation/ACLS Program in China Studies](#), Early Career Fellowships (up to \$50,000) in support of research and writing toward a scholarly product in English; priority given to proposals based on the applicant’s research in China; and Collaborative Reading-Workshop Grants, (up to \$15,000) in support of collaborative reading of texts in a workshop format that is interdisciplinary and crosses scholarly generations and is based on texts that illuminate a period, tradition, culture, location, or event, deadline November 6, 2019.
- American Philosophical Society, [Franklin Research Grants](#), (up to \$6,000) to support the cost of research (for example, travel to libraries and archives for research purposes, the purchase of microfilm, photocopies, or equivalent research materials, fieldwork costs, or laboratory research expenses) leading to publication in any area of knowledge, deadline December 2, 2019.
- Artfully Reimagined, [Reimaginelt Grant](#), (\$100 - \$500), to individual artists to help launch or support careers in repurposed art, no deadline.
- Bard Graduate Center, [Research Fellowship – Fields of the Future](#) (\$21,000 - \$3,500/month + housing), 1-6 month fellowship with research fellowship theme of “How do we know?,” in interdisciplinary humanities scholarship, deadline November 15, 2019.
- College Art Association, [Art History Fund for Travel to Special Exhibitions](#), to award qualifying undergraduate and graduate art history classes funds to cover students’ and instructors’ costs (travel, accommodations, and admission fees) associated with attending museum special exhibitions throughout the US and worldwide; the purpose of the grant is to enhance students’ first-hand knowledge of original works of art, deadline January 15, 2020 (requires institutional/instructor membership in CAA).
- Devos Institute of Arts Management, University of Maryland, [Global Arts Management Fellowship](#), (travel, lodging, per diem, and program materials), supports leaders in positions of decision-making authority and is designed for individuals who have dedicated themselves to management rather than artistic leadership with a four-week residency in Washington, D.C., for three consecutive summers to engage in mentoring and cohort-based activities, deadline November 15, 2019 (letter of intent).
- Mid Atlantic Arts Foundation, [USArtists International Grant](#), (\$15,000) to American dance, music, and theatre ensembles that have been invited to perform at international festivals anywhere in the world outside the U.S., deadline November 22, 2019.
- National Endowment for the Humanities, [Collaborative Research grant](#), (up to \$50,000-convening grant or up to \$250,000 over 3 years-publication grant), support groups of two or more scholars engaged in significant and sustained research in the humanities, deadline December 4, 2019.
- National Endowment for the Humanities, [Public Humanities Projects](#), (\$40,000 to \$75,000), supports projects that bring the ideas and insights of the humanities to life for general audiences; projects must engage humanities scholarship to illuminate significant themes in disciplines such as history, literature, ethics, and art, or to address challenging issues in contemporary life, deadlines November 24, 2019 (optional draft) and January 15, 2019 (full application).
- Newberry Library, [Short-Term Fellowships](#), (\$2,500-\$5,000), provides scholars who have a specific need for the Newberry’s collection with time, space, and community to pursue innovative and ground-breaking scholarship, deadline December 15, 2019; [Long-Term Fellowships](#), (\$4,200/month for 4-9 months), deadline November 1, 2019.
- Ohio Humanities Council, [Monthly Grants](#) (\$2,000), deadline 1st business day of month; [Media Planning Grants](#), (\$2,000), deadline 1st business day of month; [Cultural Heritage Tourism Planning Grant](#), (\$2,000) deadline 1st business day of month; [General Grants Program: Quarterly Grants](#) (\$5,000); and [Major Grants](#) (up to \$20,000).
- Pollock-Krasner Foundation, [Grants for Artists in Need](#), (size of award varies), dual criteria for grants are recognizable artistic merit and financial need, whether professional, personal, or both to individuals who have worked as artists over a significant period of time, deadline open.

Arts and Humanities (continued)

- Puffin Foundation West, [Social Justice Art Projects](#), (\$550- \$2,500), projects from individual artists and organizations in Ohio working within the visual arts, dance, music, theatre, photography, film/video, writing, poetry, and public interest platforms, which seek to enrich and inform the public on important topics such as the environment, social justice, civil rights, and other contemporary issues facing the country and the planet; special consideration given to communities and school districts that are underserved by the arts, deadline December 9, 2019.
- Socrates Sculpture Park, [Socrates Annual Fellowship](#), (\$5,000) awards artists the opportunity to produce sculpture and installation for The Socrates Annual Exhibition, deadline November 25, 2019.
- Women's Studio Workshop, [Art-in-Education Artist Book Residency](#), (\$350/week stipend up to 10 weeks, \$750 materials, \$250 travel within US, housing, and 24/7 studio access) support for 2 emerging women artists who are interested in creating a new artist's book and in teaching young people, deadline November 15, 2019.

Community Impact

- Center for Community Progress, [Community Revitalization Fellowship](#) (\$14,000 to institution and travel, lodging, meals and up to \$690 for three learning exchanges for fellows), engage a team comprising one institutional partner and six grassroots resident leaders from three separate communities with populations of 300,000 or less for a yearlong fellowship, which includes three cross-community learning exchanges, a revitalization workshop for residents of each community, and ongoing capacity-building assistance and mentoring for national experts and local partners, deadline November 20, 2019.
- Dominion Energy Charitable Foundation, 2019 Community Impact Award, (\$25,000 and additional awards up to \$10,000) to nonprofits making an impact in the community for projects that have made a major contribution to economic or social revitalization and that were completed between July 2018 and November 2019, deadline November 29, 2019 (contact Theresa (tford15@kent.edu or 330.244.3580) for further information.
- Home Depot Foundation, [Community Impacts Grants Program](#), (up to \$5,000), grants are given to purchase tools, materials, or services from Home Depot and focuses on serving veterans and diverse and underserved communities, deadline December 31, 2019.

Internal – KSU Grants

- Kent State of Wellness, [Seeds of Wellness](#) mini-grants, (up to \$1,000), supports initiatives related to alcohol and drug use, mental health, nutrition, physical activity, preventive care, safety, sexual health, and smoking and tobacco use, deadline rolling until funds are exhausted.

Journalism/Media

- Lenfest Institute of Journalism, [Facebook Journalism Project Community Networks Grant](#), (up to \$25,000), supports efforts that advance the mission of strengthening communities by connecting people with meaningful journalism; examples of fundable projects include efforts to build a new business around memberships, report in an underserved community, or build a tool that helps local storytellers find and engage news audiences (projects are not required to use Facebook tools or products), deadline November 6, 2019.

LGBTQ+

- [Gay Community Endowment Fund](#) via Akron Community Foundation, (\$10,000), to improve the health and well-being of the LGBTQ+ community, NOTE: information session on Thursday, November 8, at 3 p.m. at the Akron Community Foundation, if interested, please call first (330.376.8522) to inquire whether North Canton or Stark County is considered part of the Greater Akron area, deadline December 15, 2019.

Multiple Disciplines and Themes

- American Association of University Women, [Summer/Short-Term Research Publication Grants](#),(\$6,000), for women faculty (tenure-track and part-time faculty, and new and established researchers) to prepare research for publication, deadline November 1, 2019 (*Funding Brief available, contact Theresa at tford15@kent.edu or 330.244.3580*).
- American Philosophical Society, [Franklin Research Grants](#), (up to \$6,000) to support the cost of research (for example, travel to libraries and archives for research purposes, the purchase of microfilm, photocopies, or equivalent research materials, fieldwork costs, or laboratory research expenses) leading to publication in any area of knowledge, deadline December 2, 2019.
- GriffinHarte Foundation, [Projects Promoting Civil Discourse](#), (\$100-\$1,000), supports and promotes conversations, research, and scholarship grounded in questions and practices of civility and feminism; informed by a desire to define, explore, and advocate for social, political, and economic justice; and are centered in an explicit recognition of the ways lives and communication are influenced by identities – gender and sex, race and ethnicity, age, and physical disabilities, and education and economic standing, deadline December 31, 2019.

Nursing

- American Association of Critical-Care Nurses, [Impact Research Grants](#), (up to \$50,000), supports inquiry and systematic research that generates new knowledge with respect to the safety of and care of critically ill patients and their families, deadline November 1, 2019.
- Aultman Foundation, Grants, (~ \$5,000), focus on wellness, health education or human services; special consideration to projects that provide services to the underserved, especially the elderly and children, and/or helps to solve a community health need related to mental illness, obesity, infant mortality, opioid and drug abuse, and access to care, deadlines: February 14, 2020 (LOI) and February 28, 2020 (application by invitation only).
- National League of Nursing, [NLN Nursing Education Research Grants](#), (\$30,000), to support high-quality studies that contribute to the development of the science of nursing education, promote the diversity of research topics, and encourage investigators who demonstrate rigor and innovative approaches to advance the field of nursing education research, deadline February 6, 2020.
- PhRMA Foundation, [Health Outcomes Program](#), (up to \$100,000), to assist individuals in schools of medicine, pharmacy, public health, nursing, and dentistry beginning an independent research career in health outcomes at the faculty level, deadline February 1, 20120.
- Sigma Theta Tau, [Small Grants Program](#), (\$5,000), to encourage nurses to contribute to the advancement of nursing through research, deadline December 1, 2019.

Poverty

- Brady Education Foundation, [Program Evaluations](#), supports proposals related to evaluating the effectiveness of programs designed to promote positive cognitive and/or achievement outcomes for children (birth through 18 years of age) from underserved groups and/or low-resourced communities, deadline December 1, 2019 (stage-one proposals).
- Gates Foundation, [Grand Challenge Call](#) for Changing the National Conversation about Poverty, Economic Mobility, for ideas designed to support individuals and organizations interested in contributing to the long-term work of correcting mistaken assumptions and improving understanding of poverty through the actual stories of those that experience poverty, deadline November 13, 2019.

Public Affairs

- American Psychological Association, [APA Congressional Fellowship](#), (\$75,000 - \$90,000 + \$3,750 for professional development and relocation expense) one-year public policy learning experience designed to contribute to the more effective use of psychological knowledge in government and to broaden awareness about the value of psychology-government interaction among psychologists within the federal government, deadline January 5, 2020.

Retirement

- Retirement Research Foundation, [Projects in Aging](#), supports research projects with national relevance; priority areas include caregiving, housing, economic security later in life, social and intergenerational connectedness and compelling applications on other topics, deadline December 2, 2019 (letter of intent).

Social Justice

- GriffinHarte Foundation, [Projects Promoting Civil Discourse](#), (\$100-\$1,000), supports and promotes conversations, research, and scholarship grounded in questions and practices of civility and feminism; informed by a desire to define, explore, and advocate for social, political, and economic justice; and are centered in an explicit recognition of the ways lives and communication are influenced by identities – gender and sex, race and ethnicity, age, and physical disabilities, and education and economic standing, deadline December 31, 2019.
- Nathan Cummings Foundation, [Fellowship program](#), (up to \$150,000 over 18 months), to pursue a visionary social justice, economic justice, and /or climate change objective; interested in projects that demonstrate exceptional vision and a willingness to disrupt entrenched systems and take risks; all projects must relate to either inequality or climate change, deadline letter of inquiry accepted year-round.
- Open Society Foundation, [Soros Justice Fellowship](#), (Advocacy Fellowships: \$94,500-\$127,500 over 18 months; Media Fellowships: \$63,000 or \$85,000 over 12 months; Youth Activist Fellowships: \$57,500 over 18 months), supports projects that advance reform, spur debate, and catalyze change on a range of issues facing the U.S. criminal justice system; must relate to 1 or more of the following US criminal justice reform goals: reducing the number of people who are incarcerated or under correctional control, challenging extreme punishment, or promoting fairness and accountability in our systems of justice, deadline November 20, 2019.
- Public Welfare Foundation, [Criminal and Social Justice Programs](#), supports groups working on sentencing reform at the state level and working on ending the criminalization and over-incarceration of youth in the US and policy and system reforms to improve the lives of low-wage working people in the US, deadline rolling (Letters of Intent).

Social Justice (continued)

- Russell Sage Foundation, [Social, Political, and Economic Inequality Research](#), (\$35,000 to \$175,000), supports innovative research on the myriad factors that contribute to inequality in the U.S., and the extent to which social, political and economic inequalities affect social, psychological, political, and economic outcomes, including equality of access and opportunity, social mobility, civic mobilization and representation, and the intergenerational transmission of advantage and disadvantage; deadline November 26 (letter of inquiry) and March 12, 2020 (invited full proposal).

Social Sciences

- American Association of Geographers, AAG Research Grants, supports research and fieldwork; used only for direct expenses of research; salary and overhead costs are not allowed, Deadline December 31, 2019.
- American Sociological Association, [Fund for the Advancement of the Discipline](#), (up to \$8,000), to nurture the development of scientific knowledge by funding small, ground breaking research initiatives and other important scientific research activities such as conferences, deadline December 15.
- American Philosophical Society, [Franklin Research Grants](#), (up to \$6,000) to support the cost of research (for example, travel to libraries and archives for research purposes, the purchase of microfilm, photocopies, or equivalent research materials, fieldwork costs, or laboratory research expenses) leading to publication in any area of knowledge, deadline December 3, 2019.
- American Psychological Foundation, [Charles L. Brewer Distinguished Teaching of Psychology Award](#), nominations invited to recognize the significant career contributions of a psychologist who has a proven track record as an exceptional teacher of psychology, including the development of innovative curricula and courses, effective teaching methods, and/or materials, and evidence of influence as a teacher of students who become psychologists, deadline December 1, 2019.
- Russell Sage Foundation, [Small Grants in Behavioral Economics](#), to support high quality research in behavioral economics and to encourage young investigators to enter this developing field, deadline rolling.
- Smith Richardson Foundation, [Domestic Public Policy Program](#), (\$25,000 - \$104,000), supports projects that help the public and policy makers understand and address critical challenges facing the United States, deadline open (Concept Paper).

Special Collections/Research Libraries – Travel & Research Grants

Please note that many of these grants encourage scholars to call the library before applying, and many have specific time periods covered by the fellowship for library/collections use. Listed in order of upcoming deadlines; those with no deadlines are listed first.

- Langum Charitable Trust, [Langum Travel to Collections Initiative](#), (up to \$1,500), supports travel and living expenses of scholars who wish to use the Langum Family Papers or the de Mattos family Papers, both of which are located at the Abraham Lincoln Presidential Library, deadline continuous.
- Smith College Libraries, [Grants for Researchers](#), (\$1,000 - \$2,500)
 - Margaret Storrs Grierson Fellowship, Friends of the Smith College Libraries Fellowship, and German Fellowship, for research in the Sophia Smith Collection and College Archives, to support 4-6 week visits, (\$2,500).
 - Mortimer Fellowship, for research in the Mortimer Rare Book Collection, (\$1,000).
 - Travel-to-Collections Awards, (\$1,000) to offset travel expenses for researchers in Special Collections at Smith College and to support researchers at the pre-proposal stage who would like to survey holdings.

Applicants are strongly encouraged to contact Amy Hague, Research Services Archivist, (ahague@smith.edu) before applying, no application deadline.

- University of Southern California Libraries, Grants,
 - [Research Grants for German Exile Studies](#), for scholars whose work would benefit from access to German exile study materials, no deadline.
- Harvard University, Harvard Business School, [Alfred D. Chandler Jr. Travel Fellowships](#), (\$1,000-\$3,000), to facilitate library and archival research in business or economic history, deadline November 1, 2019.
- St. Deiniol's Library/Gladstone's Library, [Dr. Daisy Ronco Scholarship](#), (1-week scholarship for accommodations and not travel), for research into 19th Century studies with an emphasis on the role of women, [Richard L. Hills Scholarship](#), for research into Theology's relationship to Science/Techology, deadline November 1, 2019.
- University of California, Los Angeles (UCLA), 2019 UCLA Library Special Collections, [Short-Term Research Fellowships](#), (\$500-\$5,000 for up to 3 months), multiple fellowships, deadline November 1, 2019.
- University of Texas Harry Ransom Center, [2019-20 Research Fellowships](#), (\$3,500), scholars whose projects require extensive on-site work (1-3 months) with the Center's collections, deadline November 15, 2019.
- McGill University, Burney Centre, [McGill-ASECS Fellowship](#), (\$3,000), deadline November 30, 2019.
- University of Wisconsin-Milwaukee, American Geographical Society Library, [American Geographical Society Library Research Fellowships](#), (\$400-\$1,600), to help defray travel and living expense for research including history of cartography, history of geographic thought, discovery and exploration, historical geography, and other history themes with a significant geographical component, deadline November 30, 2019.

Special Collections/Research Libraries – Travel & Research Grants (continued)

- Texas A&M University, [O'Donnell Grant Program](#), (\$500-\$2,500), to defray living, travel and related expenses incurred while conducting research at the George Bush Presidential Library, deadline December 1, 2019.
- Wayne State University, Walter P. Reuther Library, [The Albert Shanker Fellowship for Research in Education](#), (\$600), supports research utilizing the American Federation of Teachers archives and collections related to educational history housed at the library, deadline December 1, 2019.
- University of San Francisco, USF Center for the Pacific Rim, Ricci Institute for Chinese-Western Cultural History, [Travel Grants](#), (\$2,000), for travel related expenses to conduct research including Chinese-Western cultural exchange, interaction and/or encounters, Jesuit interaction with China from the late Ming through early 20th century, and/or the history of Christianity in China, deadlines December 15 for spring semester, March 31 for summer or fall semester, and April 15 for special summer travel grant.
- McGill University, [Osler Library of the History of Medicine](#), (\$4,000 CAD), for researchers interested in the arts and humanities of medical history whose project requires travel to Montreal to consult material in the Osler Library, deadline December 31, 2019.

STEM, Environment

- American Mathematical Society, [China Exchange Program](#), supports travel of mathematical scientists at institutions in the U.S. or Canada on visits to research colleagues in China and to support travel of less senior mathematical scientists from China to the U.S. or Canada, application open period (December 1, 2019 to March 15, 2020).
- American Mathematical Society, Epsilon Fund Grants for Young Scholars Program - [Youth Summer Programs](#) (\$15,000 – half of which will be for student scholarships and half for operating expenses), supports existing summer programs for mathematically talented high school students, deadline December 15, 2019.
- American Psychological Foundation, [Charles L. Brewer Distinguished Teaching of Psychology Award](#), nominations invited to recognize the significant career contributions of a psychologist who has a proven track record as an exceptional teacher of psychology, including the development of innovative curricula and courses, effective teaching methods, and/or materials, and evidence of influence as a teacher of students who become psychologists, deadline December 1, 2019.
- Concrete Research Council, [Research Projects](#), (up to \$50,000), to support research projects that advance the knowledge and sustainability of concrete materials, construction, and structures, deadline December 2, 2019.
- ecoAmerica, [American Climate Leadership Awards](#), (\$50,000, \$25,000, and \$10,000), recognizes individuals and local and national organizations for their demonstrated success in mobilizing public support and political will on climate among key constituencies, deadline October 31, 2019 (preliminary proposals).
- National Oceanic and Atmospheric Administration (NOAA), [Climate Program Office](#) (CPO), (\$50,000 - \$300,000), supports research in 3 areas: Earth System Science and Modeling (ESSM), Climate and Societal Interactions (CSI), and Communication, Education and Engagement (CEE); climate resilience leverages climate intelligence to advance capabilities for responding to the urgent and growing demand for reliable, trusted, transparent, and timely climate information needed to protect and sustain all sectors of our economy and environment; funds high-priority climate science, assessments, decision support research, outreach, education, and capacity-building activities designed to advance our understanding of the earth's climate system, and to foster the application and use of this knowledge to improve the resilience of our Nation and its partners, deadline October 28.
- National Science Foundation, Major Research Instrumentation (MRI) Program, (Track 1: \$100,000 - \$1,000,000 and Track 2: \$1-\$4,000,000), serves to increase access to multi-user scientific and engineering instrumentation for research and research training in our Nation's institutions of higher education and not-for-profit scientific/engineering research organizations; supports the acquisition or development of a multi-user research instrument that is, in general, too costly and/or not appropriate for support through other NSF programs, deadline January 21, 2020.
- Ohio Space Grant Consortium, [Student-Innovative-Creative-Hands-On Project](#) (SICHOP), (\$5,000 with 1:1 match where unrecovered or waived indirect costs can count as match), for undergraduate student hands-on projects with a faculty mentor, deadline: proposals accepted at any time.
- Waste Management, [Charitable Giving](#), programs that WM is most motivated to support: environment (renewable resources, conservation, preservation/enhancement of natural resources), environmental education targeted at middle and high school students, including Earth Day projects, and causes important to the areas where WM operates, deadline rolling.