FERRIS STATE UNIVERSITY

FERRIS FORWARD

Proposed Center for Virtual Learning

A NEW HOME FOR PROGRAMS WITH RAPID GROWTH AND HIGH DEMAND

The proposed Center for Virtual Learning will provide a new home for University wide online Instruction, and undergraduate and graduate programs experiencing rapid growth and high demand

- ⇒ Career and Technical Education
- ⇒ Teacher Education
- ⇒ Virtual Learning

- ⇒ Digital Media
- ⇒ Digital Animation and Game Design
- ⇒ Information Security and Intelligence

HOW THIS NEW FACILTY WILL IMPACT STUDENTS, THE ECONOMY AND ULTIMATELY, MICHIGAN

Ferris State University has a unique statewide responsibility and leadership position in career and technical education. It coordinates for the State a variety of career and technical programs. Additionally, it helps persons with experience in technical fields to enter the teaching profession.

Teacher Education programs at Ferris are the largest in West Michigan, and unlike other university programs in our area, grew by 50 percent from 2010-15. Ferris places a special emphasis on preparing teachers for success in areas with significant economic challenges, both in urban and rural areas.



Internet-based learning at

Ferris focuses on unique career-oriented programs for industry, manufacturing, technology and healthcare fields. The future of business, industry and healthcare in Michigan depends upon the expansion of education-delivery options to everyone, independent of time and place.

The Center for Virtual Learning will bring the **development of new programs** and **support for existing efforts** into one place, helping to meet these critical and growing needs. Ferris' **online programs** help place-bound individuals prepare for a new career or career enhancement while they continue to work without relocation.

There is considerable demand for graduates in the Digital Media, Information Security and Intelligence, and Career and Technical Education fields. Ferris State University is an institution where traditionally over 90 percent of its students find employment upon graduation. Support for the growth of these programs will help fuel the continued economic success in Michigan.

FERRIS STATE UNIVERSITY

FERRIS FORWARD



2019 Highlights

FERRIS RANKS HIGH IN RETURN ON INVESTMENT

Ferris State University recently ranked in the top five among Michigan's public universities in return on investment, according to the findings from a recent Georgetown University study. For Ferris graduates the estimates are

- \$115K after 10 years;
- \$450K after 20 years;
- \$724K after 30 years; and
- \$949K after 40 years

FERRIS RANKED AMONG 'MOST AFFORDABLE COLLEGES'

Ferris State University "comes at a price that's walletfriendly" according to a list of the "Most Affordable Colleges" published by <u>study.com</u>. Factors included in Ferris' top-40 ranking were its facilities, financial aid, 16:1 student-to-teacher ratio, 200-plus student organizations, scholarship offerings and more than 190 academic majors.

"The value Ferris offers is often higher than even that of a leading national institution, as we remain a significant and affordable option for our students," said Kristen Salomonson, dean of Enrollment Services. "We continue to carefully listen to what our students and their parents are telling us, and we're responding in a way that continues to make Ferris a preferred choice for many students."

FERRIS RANKED IN U.S. NEWS AND WORLD REPORT RANKINGS

The University again ranks among the nation's best universities in multiple categories in the U.S. News and World Report 2020 Best Colleges Rankings. Among Engineering programs, at Institutions that do not offer a doctorate, Ferris tied for 110th.

OTHER NOTABLE HIGHLIGHTS

- Digital Animation and Game
 Design Receives Top-20 Ranking
 from the Princeton Review
- Online Master of Science in Nursing Cited as a Top-10 Program by Healthcare Information Source
- Student Ryan Meppelink Wins Bronze
 Medal and Best of Nation Award at
 WorldSkills
- Swan Annex Capital Outlay Project Completed
- Celebrated the University's 135th Anniversary of its Founding

Ferris State University

- 96% of Ferris graduates find employment or pursue advanced education
- 89% of Ferris graduates find jobs in their field of study
- Top 20% of all institutions nationally in critical skills areas with annually more than 1700 degrees awarded
- Ferris graduates more students in critical skills areas than any other public university except Wayne, Michigan, and Michigan
- Ferris is the top 5 public institutions in mobility, students who come from families in the bottom 20% economically and then achieve the top 20% economically.

Selected Associate Degrees

Accountancy Allied Health Sciences Architectural Technology Automotive Service Technology Building Construction Technology CAD Drafting and Tool Design Tech Civil Engineering Technology Civil Engineering Tech - Highway Emph Computer Information Systems Criminal Justice Dental Hygiene Diagnostic Medical Sonography Dietary and Food Service Management Digital Media Early Childhood Education Graphic Communication Graphic Design Health Information Technology Heavy Equipment Technology **HVACR Technology**

Industrial Chemistry Technology Industrial Electronics Technology Information Security and Intelligence Legal Studies Manufacturing Technology Manufacturing Tooling Technology Marketing Mechanical Engineering Technology Medical Laboratory Technology Nutrition and Food Service Management Plastics and Polymer Engineering Tech Print Digital Graphic Image Technology Professional Brew Management Psychology Radiography Respiratory Care Restaurant and Food Industry Mgmt Social Work Surveying Technology Welding Technology

FERRIS STATE UNIVERSITY

OFFICE OF THE PRESIDENT

Tuition Incentive Program Funding

1201 S. State Street, CSS 301 Big Rapids, MI 49307-2747

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Background

- The Tuition Incentive Program provides two levels of support.
- Level I currently covers tuition toward an associate degree for qualified students enrolled in Michigan community colleges and public universities with associate degree programs.
- Level II provides \$1,000 a year for TIP students who have completed an associate degree to earn a bachelor's degree at qualified Michigan institutions.
- To qualify for TIP support students must have had Medicaid coverage for 24 months within a 36-consecutive month period before completing high school.
- Initially established in the 1986-87 budget as an incentive for these students to complete high school, TIP is funded through the pass-through of federal TANF funds.
- Many TIP students are first generation students and tend to be less prepared for college.

Ferris provides a Career-Oriented Education

- Ferris State offers a significant number of career-oriented associate degrees (see reverse).
- Ferris currently enrolls 1,820 TIP students.
- Our success rates with TIP students far exceed the state average and these students graduate with ready employment prospects.

The Challenge

- The Executive Budget proposal would unfairly limit TIP support for students enrolled at public universities to 2.5 times the in-district community college rate.
- Because we offer both associate and bachelor degree programs, we serve as the community college in our area.
- For university students enrolled in associate degree programs this will be between a \$4,000 \$5,000 reduction in financial support.
- This would be an insurmountable financial burden for many of our TIP students.

Please Help Restore TIP Funding for Our Students

- Through the TIP program Ferris State University helps students, especially students in rural areas, escape the cycle of generational poverty.
- Our students have been pledged this support from the state, for some of them since the time
 they entered middle school. To diminish this support would be very difficult for them, many of
 whom are the first in their family to attend college.

Thank you on behalf of our students, David L. Eisler, president eislerd@ferris.edu

House Appropriations Subcommittee on Higher Education

March 12, 2020

Preserving Our Students' Futures

David L. Eisler, president Shae Gibbs, TIP student Chairman VanSingel and members of the House Appropriations Subcommittee on Higher Education, thank you for taking time from your busy schedules this morning to hear from Ferris State University about the vital importance of the Tuition Incentive Program for our students. It is an honor to appear before you today.

In speaking with you I am talking with our friends and supporters. You are our advocates in Lansing. We need your help and support more now than ever, and I look forward to working with you.

Students come to Ferris from every county in Michigan, and many are from the districts you represent and serve:

- Rep. Hoadley 113 students
- Rep. Bollin 135 students
- Rep. Green 165 students
- Rep. Anthony 219 students
- Rep. Slagh 535 students
- Rep. Huizenga 974 students
- Rep. VanSingel 1,697 students

These students are your constituents. They are our next construction managers, designers, police officers, nurses, optometrists, pharmacists, and welders; all future leaders for Michigan. Thank you for representing their interests in Lansing.

At Ferris State University, we are fortunate to have a strong Board of Trustees, and I want to recognize each of them. These are committed citizens who have a strong interest in our state's future and who are advocates for higher education and our students. Our trustees include:

- Amna P. Seibold of East Grand Rapids Chair
- Ana L. Ramirez-Saenz of Caledonia Vice Chair
- Rupesh K. Srivastava of Wixom Secretary
- Lori A. Gwizdala of Bay City
- Robert J. Hegbloom of Norton Shores
- Kurt A. Hofman of Grand Rapids
- Kari L. Sederburg of East Lansing
- LaShanda R. Thomas of Grosse Point

This is a very special year for Ferris State University as we are celebrating our 135th anniversary. In 1884, Woodbridge and Helen Ferris founded the Big Rapids Industrial School as a place to provide displaced loggers, subsistence farmers and others an opportunity to learn the skills they needed to make a better living in a changing economy. The Ferris' educational philosophy was both practical and visionary. It was also inclusive. Women comprised a third of the first class of 15 students and the school accepted students of color early in its history, reflecting the Ferris' egalitarian vision that guides the University today.

Mr. Ferris founded his school around opportunity. Today we celebrate and embrace that value, remembering his words delivered in 1916 as he was concluding his second term as Governor of our state -

"My plea in Michigan - and it will be my plea to the last breath I draw and the last word I speak - is education for all children, all men and all women of Michigan, all the people in all our states, all the time."

In 1884 our area's primary industry, lumber extraction, had peaked, forcing many people to retrain for new jobs – some of which were not yet even in existence. Replace the demise of the timber business with the rise of automation, information technology and artificial intelligence, and you have a pretty good description of what our students face today. In retrospect it is easy to see how education was crucial not just to improving the lives of individuals, but to the state as a whole. That truth remains the same today.

Tuition Incentive Program

Because of Ferris State University's unique history of providing opportunity and our strong associate degree programs, we are a top choice for first-generation and economically challenged students. As president, I cannot stress enough the importance of the Tuition Incentive Program (TIP) funding in helping these students. TIP is a state program funded primarily through the federal TANF program. Students in grades 6 through 12 who are Michigan Medicaid-eligible for 24 months in a 36-consecutive-month period can qualify for TIP. TIP provides an incentive to students to complete high school and go on to college by pledging to pay their tuition and fees for an associate degree or certificate programs (Phase I), as well as up to \$2,000 toward a bachelor degree (Phase II). This is a promise made by the state to these students and is something they depend upon to make college possible.

This year Ferris enrolled 1,820 TIP students; 1,330 in Phase I and 490 in Phase II. We believe helping these students is at the core of our mission. Ferris is uniquely positioned to help lower-income students be successful in earning a career-oriented degree and finding employment. We have a track record of effectively doing so. Students first earn their associate degree and many continue on to earn a bachelor's degree. In doing so, we help them escape the endless cycle of economic poverty. Because of our focus on student success and our experience with first generation students, in the past seven years TIP students have earned 2,088 degrees at Ferris. (Slide One)

The TIP program personifies the opportunity we provide at Ferris State University. Please remember that we serve as the community college for students in five adjacent counties. TIP attracts extraordinary young people to our campus, students who are determined that education is the pathway to their future. Most importantly, our TIP students graduate with work-ready degrees – over 71% in high demand careers. No other institution in the state has this record of success. (Slide Two)

You can learn much about TIP by seeing how many students it helps, but it is in hearing the individual stories of our TIP students, that its true value becomes clear. Shae Gibbs, a first-year Environmental Biology major from Grand Rapids is with me today. I've asked Shae to share his story with you.

Good morning. My name is Shae Gibbs, and I am a graduate of C.A. Frost Environmental Science Academy in Grand Rapids. This is my first year at Ferris State University, and I am majoring in Environmental Biology.

I was adopted at a young age. It was challenging, being adopted. There were times when I felt like I didn't fit in, or was accepted. Heading into high school, I was not sure college was in my future. My parents said they wanted me to go to college, but they never pushed me to. Also, no one in my immediate family has gone to college, so it was a completely new concept for me.

Later in life I had the opportunity to meet my birth parents. They were struggling financially and not in a position to encourage me to attend college or help me financially. However, I knew that in order to break this cycle I needed to pursue higher education. Hearing that Ferris State University had a really good science program, and how much they help their students, I decided to apply to Ferris. This was 100% my decision. I wasn't sure how I was going to pay for tuition, or how I would pay for living on campus, but I knew this is what I was meant to do. As the financial aid deadline neared, I was shocked to learn that I was eligible for the Tuition Incentive Program – and that all of my tuition would be covered by this program. I am still in shock, honestly, that I have this opportunity.

I have five younger siblings, and my personal goal is to be the first in my family to graduate from college, to set an example for them, to encourage and help them get to college, so they too can have an opportunity to succeed. My career goal is to graduate with my bachelor's degree in Environmental Biology and help find ways to make our earth's resources more sustainable for the future. I am off to a great start, making over a B average and doing well living on campus.

Without TIP funding and the other financial aid I receive, I would not be able to attend Ferris State University. Or chase my dream of an education so I can make a better life for myself and my family someday. There are many TIP students at Ferris, who like me, need this support to make a college education possible. Your help will make an important difference for them and for me.

Thank you for allowing me this opportunity to share my story with you.

For our TIP students Ferris State University provides increased degree options in high demand, cutting-edge fields. We are a safe geographic location where students can live on campus and participate fully in this student experience. We provide a full array of academic support services, including a full-time dedicated support person specifically for our TIP Scholars program.

What we do at Ferris is provide opportunity, not only through access but also with the support students need to both graduate and achieve success. Harvard Professor Raj Chetty has quantified our success through his studies on intergenerational income mobility. He tracks students who come from families in the bottom 20% economically and then achieve the top 20% economically. In this Ferris State University is ranked among the top five public college and universities in the state, higher than all other state institutions that receive TIP funding except one. (Slide Three) Additional information on this study and its methodology is contained in the printed materials you received. This analysis was created by Ferris Economics Professor Dr. Jennifer Dirmeyer and I am grateful for her insight and assistance. (Attachment One)

For these reasons, the Tuition Incentive Program is exactly the type of program Michigan needs to help people break the cycle of economic poverty. The simple truth is that at Ferris State University the TIP program works. It works for our students, for employers and for our state.

The proposed language in the Executive Budget is a blunt instrument attacking the futures of TIP students at Michigan public universities that offer associate degrees - Ferris State University, Lake State Superior State University, and Northern Michigan University. The proposed changes would be devastating for our programs and our students. If this becomes a reality, students like Shae next year would be forced to pay the difference in tuition previously funded by the TIP program, between \$4,000 and \$5,000 for next year. You will make his dream of a college education unaffordable for him.

Closing Thoughts

This is the sixth time since 2010 that I have testified in Lansing, working to preserve opportunity and access for our TIP students. In reflecting on this experience, I am drawn back to the students who have assisted me by sharing their stories before committees like this one today. (Slide Four)

Each student's story is special, and I would like to relate each of them to you. For today, I will share just three.

Melissa DiVietri accompanied me during my testimony in 2010. At the time she was a 21-year old freshman who came from a family of seven adopted children. She has a rare disease called sacral agenesis, which limits her ability to walk, but it no way limits her spirit which fills up a room. Today she is a successful entrepreneur and worldwide traveler with her own social media consulting firm. She alternates her home office between Colombia and Detroit. Rep. Anthony, the committee that day was chaired by someone we both respect greatly – Joan Bauer.

In 2017 I shared Kaylia Ervin's story with this committee. Rep. Hoadley I believe you were a part of the committee that day. Kaylia is a foster child who earned her degree in criminal justice from Ferris with no family support whatsoever. Her junior year she took in her sister from an abusive foster situation so she could graduate from high school. I know Kaylia well as she worked in our office. It was a proud day when she earned her law degree from Michigan State University.

Tekarra Coleman also testified with me in 2017. Just as Shae aspires to do, she has achieved her dream of being the first in her family to graduate from college, earning her associate degree. She is finishing a bachelor's degree with us in Health Information Management.

There is a commonality in these stories – life-changing success. Despite obstacles and a lack of support that would deter many of us, these are students who changed the trajectory of their future. Ultimately, education is about people and the incredible power this has to change lives. Students like Melissa, Kaylia, Tekarra, Dymend, Miranda, and Shae personify what makes Ferris State University a great American university, committed to opportunity and to access. Each of us in this room understands the crucial difference access to higher education can make and the opportunity it has created for us. We can and will succeed in this effort with these students, but we need your help, because we cannot do it alone.

When you consider funding for our students please remember these stories. Students come to Ferris because of the support we provide, the degrees we offer, and the in-demand career opportunities our TIP students receive. We know we can help TIP students break the cycle of poverty and become successful, productive citizens. Just like Shae who sits here with us today, our students need and deserve this support.

Help to preserve their future. On behalf of these students both now and future, thank you so very much.

These materials are accessible online at https://www.ferris.edu/president/presentations/homepage.htm

TIP Student Success

	Associate Degrees	Bachelor's Degrees	Total Degrees
2012-13	80	86	166
2013-14	47	110	157
2014-15	89	115	204
2015-16	111	155	266
2016-17	198	212	410
2017-18	219	181	400
2018-19	180	203	383
2019 Fall	48	54	102
Total	972	1,116	2,088

FERRIS STATE UNIVERSITY

Slide One

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Work Ready Associate Degrees

TIP Graduates 2012-2019

Accountancy	16	Info Security and Intelligence	3
Architectural Technology	17	Legal Studies	14
Automotive Service Technology	12	Manufacturing Technology	17
Building Construction Tech	18	Manufacturing Tooling Tech	1
CAD Drafting Tool Design Tech	12	Marketing	43
Civil Eng Tech - Hwy Emphasis	3	Mechanical Engineering Tech	24
Civil Engineering Technology	5	Medical Laboratory Technology	3
Computer Information Systems	10	Nutrition/Food Service Mgmt	2
Criminal Justice	132	Plastics Polymer Eng Tech	26
Dental Hygiene	24	Print Digital Graphic Img Tech	2
Diagnostic Medical Sonography	13	Professional Brew Management	5
Dietary and Food Service Mgmt	1	Psychology	17
Digital Media	9	Radiography	37
Early Childhood Education	29	Respiratory Care	23
Graphic Communication	9	Restaurant and Food Ind Mgmt	23
Graphic Design	21	Social Work	27
Health Information Technology	31	Surveying Technology	3
Heavy Equipment Technology	16	Welding Technology	14
HVACR Technology	11	TOTAL 2012-2019 (71%)	688
Industrial Chemistry Tech	4	• •	
Industrial Electronics Tech	11		

Slide Two

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Michigan 2- and 4-Year Public Colleges Mobility Rate

RANK	NAME	MOBILITY RATE
1	Wayne State University	2.45%
2	University of Michigan - Dearborn	2.38%
3	West Shore Community College	1.96%
4	Michigan Technological University	1.75%
5	Ferris State University	1.70%

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Slide Three

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Melissa DiVietri - 2010



Kaylia Ervin - 2017



Tekarra Coleman - 2017



Miranda Roberts - 2018



Dymend Ross - 2018

Slide Four

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Attachment One

Mobility Report Cards for Michigan Public Universities

Data: Opportunity Insights, MRC Table 1 URL: https://opportunityinsights.org/data/

Analysis: Jennifer Dirmeyer, PhD

Date: 3/6/2020

Mobility Rates Among Michigan 4-Year Public Universities

Recent work by Harvard Professor, Raj Chetty and co-authors, indicates that undergraduate degree granting institutions have the ability to affect intergenerational income mobility for their students. The study's authors calculate a mobility rate for each college- the product of the college's access to low-income students and the percentage of low-income students who go on to earn incomes in the top 20% of the income distribution. The Mobility Rate for each Michigan college is calculated as follows:

Mobility Rate = Access Rate x Success Rate

The Access Rate is the percentage of students whose parents are in the bottom income quintile at the time the student enrolled at the university.

The Success Rate is the percentage of students with parents in the bottom income quintile who ended up earning an income in the top income quintile.

Rank	University	Mobility Rate
1	Wayne State University	2.45%
2	University Of Michigan - Dearborn	2.38%
3	Michigan Technological University	1.75%
4	Ferris State University	1.70%
5	University Of Michigan - Flint	1.62%
6	University Of Michigan - Ann Arbor	1.51%
7	Michigan State University	1.39%
8	Northern Michigan University	1.34%
9	Lake Superior State University	1.33%
10	Saginaw Valley State University	1.29%
11	Eastern Michigan University	1.17%
12	Oakland University	1.10%
13	Northwestern Michigan College	1.07%
14	Central Michigan University	1.03%
15	Western Michigan University	1.01%
16	Grand Valley State University	0.79%

¹ Chetty, Raj, John Friedman, Emmanuel Saez, Nicholas Turner, and Danny Yagan. "Mobility Report Cards: The Role of Colleges in Intergenerational Mobility." *NBER Working Paper No. 23618*, July 2017. https://doi.org/10.3386/w23618.

Most universities with the top 5 highest Mobility Rate achieve that ranking by having a high degree of success with a relatively small population of students from low-income families. Among 4-year public colleges and universities, only Wayne State University and Ferris State University combine high access rates and relatively high success rates.

Rank	University	Access Rate	Success Rate	Mobility Rate
1	Wayne State University	12,60%	19.42%	2.45%
2	Northwestern Michigan College	10.40%	10.25%	1.07%
3	Ferris State University	9.15%	18.55%	1.70%
4	Lake Superior State University	8.46%	15.74%	1.33%
5	Northern Michigan University	7.15%	18.70%	1.34%
6	University Of Michigan - Dearborn	6.60%	36.13%	2,38%
7	Saginaw Valley State University	6.36%	20.32%	1.29%
8	University Of Michigan - Flint	6.24%	26.02%	1.62%
9	Eastern Michigan University	6.15%	19.01%	1.17%
10	Oakland University	5.10%	21.63%	1.10%
11	Central Michigan University	4.37%	23.64%	1.03%
12	Michigan State University	4.09%	33.92%	1.39%
13	Michigan Technological University	3.74%	46.68%	1.75%
14	Western Michigan University	3.45%	29.11%	1.01%
15	Grand Valley State University	3.39%	23.31%	0.79%
16	University Of Michigan - Ann Arbor	3.00%	50.35%	1.51%

Mobility Rate and Community Colleges

Community colleges tend to have lower mobility rates that 4-year colleges. Only one 2-year public college ranks in the top 5 Mobility Rates among Michigan public colleges and 3 rank in the top 10.

Rank	Name	Mobility Rate	Rank Name	Mobility Rate
1	Wayne State University	2.45%	21 Macomb Community College	1.03%
2	University Of Michigan - Dearborn	2.38%	22 Western Michigan University	1.01%
3	West Shore Community College	1.96%	23 Wayne County Community College District	1.00%
4	Michigan Technological University	1.75%	24 Southwestern Michigan College	0.99%
5	Ferris State University	1,70%	25 Washtenaw Community College	0.92%
6	Henry Ford Community College	1.66%	26 Kellogg Community College	0.91%
7	University Of Michigan - Flint	1.62%	27 Jackson College	0.90%
8	Alpena Community College	1.53%	28 Gogebic Community College	0.86%
9	University Of Michigan - Ann Arbor	1.51%	29 St. Clair County Community College	0.86%
10	Michigan State University	1.39%	30 North Central Michigan College	0.84%
11	Northern Michigan University	1.34%	31 Oakland Community College	0.83%
12	Lake Michigan College	1.33%	32 Charles Stewart Mott Community College	0.81%
13	Lake Superior State University	1.33%	33 Grand Valley State University	0.79%
14	Montcalm Community College	1.32%	34 Monroe County Community College	0.77%
15	Saginaw Valley State University	1.29%	35 Muskegon Community College	0.76%
16	Eastern Michigan University	1.17%	36 Kalamazoo Valley Community College	0.75%
17	Oakland University	1.10%	37 Lansing Community College	0.74%
18	Northwestern Michigan College	1.07%	38 Bay De Noc Community College	0.68%
19	Delta College	1.07%	39 Schoolcraft College	0.67%
20	Central Michigan University	1.03%	40 Grand Rapids Community College	0.61%

Community colleges tend to have higher access rates and lower success rates than 4-year colleges. 9 out of the top 10 college Access Rates are community colleges. The average community college Access Rate is 12%, while the average Success Rate is only 9%. This contributes to the below average Mobility Rate of .9%.

Only two colleges, Wayne State University and Ferris State University, have access rates in the top half of Michigan public institutions *and* success rates significantly above 10%.

Rank	Name	Access Rate	Success Rate	Mobility Rate
1	Wayne County Community College District	27.21%	3.68%	1.00%
2	West Shore Community College	18.64%	10.50%	1.96%
3	Alpena Community College	15.90%	9.61%	1.53%
4	Henry Ford Community College	15.89%	10.46%	1.66%
5	Montcalm Community College	14.91%	8.84%	1.32%
6	Bay De Noc Community College	14.34%	4.75%	0.68%
7	Lake Michigan College	14.01%	9.50%	1.33%
8	Gogebic Community College	13.05%	6.58%	0.86%
9	Charles Stewart Mott Community College	12,73%	6.39%	0.81%
10	Wayne State University	12.60%	19.42%	2.45%
11	Southwestern Michigan College	12.49%	7.94%	0.99%
12	North Central Michigan College	11.96%	7.06%	0.84%
13	Delta College	11.48%	9.29%	1.07%
14	Jackson College	10.48%	8.58%	0.90%
15	Northwestern Michigan College	10,40%	10.25%	1.07%
16	Kellogg Community College	10.05%	9.06%	0.91%
17	Kalamazoo Vailey Community College	9.45%	7.99%	0.75%
18	Ferris State University	9.15%	18.55%	1.70%
19	Washtenaw Community College	8.98%	10.20%	0.92%
20	Muskegon Community College	8.84%	8.57%	0.76%
21	Lansing Community College	8.49%	8.73%	0.74%
22	St. Clair County Community College	8.49%	10.10%	0.86%
23	Lake Superior State University	8,46%	15.74%	1.33%
24	Oakland Community College	7.71%	10.79%	0.83%
25	Northern Michigan University	7.15%	18.70%	1.34%
26	Grand Rapids Community College	7.12%	8.55%	0.61%
27	Monroe County Community College	6.78%	11.39%	0.77%
28	University Of Michigan - Dearborn	6.60%	36.13%	2.38%
29	Macomb Community College	6.39%	16.15%	1.03%
30	Saginaw Valley State University	6.36%	20.32%	1.29%
31	University Of Michigan - Flint	6.24%	26.02%	1.62%
32	Eastern Michigan University	6.15%	19.01%	1.17%
33	Schoolcraft College	5.28%	12.72%	0.67%
34	Oakland University	5.10%	21.63%	1.10%
35	Central Michigan University	4.37%	23.64%	1.03%
36	Michigan State University	4.09%	33.92%	1.39%
37	Michigan Technological University	3.74%	46.68%	1.75%
38	Western Michigan University	3.45%	29.11%	1.01%
39	Grand Valley State University	3.39%	23.31%	0.79%
40	University Of Michigan - Ann Arbor	3.00%	50.35%	1.51%

Implications

As the study's authors indicate, Access Rates are generally negatively correlated with Success Rate.² The explanation for schools that combine higher Access Rates with higher Success Rates could be the selection of more prepared students in the lower income or educational and support practices that help lower income students succeed. While it is not possible with this data to determine which explanation is correct, one implication of this analysis is that expanding access at institutions who are able to maintain both high access rates and relatively high success rates could increase income mobility in Michigan.

² Chetty, Raj, John Friedman, Emmanuel Saez, Nicholas Turner, and Danny Yagan. "Mobility Report Cards: The Role of Colleges in Intergenerational Mobility." *NBER Working Paper No. 23618*, July 2017. https://doi.org/10.3386/w23618, pg.4