

**THE OHIO LOUIS STOKES
ALLIANCE FOR MINORITY
PARTICIPATION (LSAMP)**

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The Ohio LSAMP 2019-2020 Impact Report

The Ohio LSAMP Alliance



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INTRODUCTION

About the Alliance

The Ohio LSAMP alliance consists of six four-year institutions (Central State University, University of Cincinnati, Cleveland State University, Miami University, The Ohio State University, and Wright State University) and four community colleges (Cincinnati State Technical and Community College, Columbus State Community College, Cuyahoga Community College, and Sinclair Community College). The purpose of the Alliance is to significantly increase underrepresented minority (URM) student recruitment, retention, persistence, and attainment of science, technology, engineering, and mathematics (STEM) degrees. The goal of the program is to double the number of URM baccalaureate degrees in STEM disciplines at four-year partner institutions within five years, using the LSAMP model for programming which focuses on academic integration, social integration, and professionalism.

The Alliance has six main objectives:

1. To continue the innovative, evidence-based high-impact practices that have proven to be effective in recruitment and retention of URM STEM students;
2. To strengthen pathways for smooth transitions from community colleges to four-year institutions;
3. To initiate innovative interventions that fortify mathematical knowledge, reform mathematics curricula, and prevent mathematics from being a barrier to progression of URM students in STEM;
4. To increase access to high quality research experiences;
5. To prepare URM students for and facilitate their seamless transition into STEM graduate programs; and
6. To develop and implement an alliance-wide communications plan, including an interactive website, for effective communication and dissemination of information.

About this Report

This report provides an overview of what the Ohio LSAMP accomplished in the 2019-2020 academic year¹, the second year of the second phase of the Ohio LSAMP award. Specifically, this report provides information about 2019-2020 LSAMP Scholars in the following areas:

- Enrollment
- Demographics
- STEM Disciplines
- Activity Participation
- Grade Point Average (GPA)
- Graduation Rates

CITATION: Johnson, B. D., & Gallant, D. J. (2021, July). *The Ohio LSAMP 2019-2020 impact report*. Columbus, OH: The Ohio State University.

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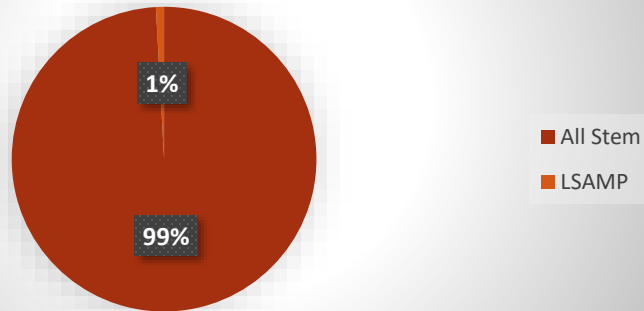
¹ Data used in this report were provided by partner institutions through the submission of the LSAMP Annual Survey for 2019-2020.

ENROLLMENT

In 2019-2020, the Ohio LSAMP served **327** LSAMP Scholars. Of all STEM students at Alliance institutions, just under **1%** were LSAMP Scholars. Of all minority students in STEM, less than **5%** were LSAMP Scholars.

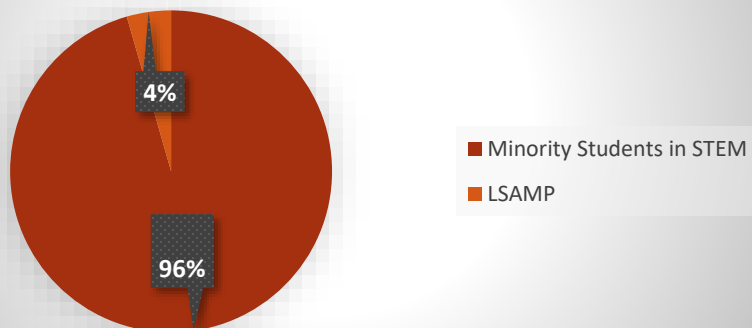
Enrolment	2019-2020
All STEM	37535
LSAMP	327
Percentage of LSAMP Scholars	0.87

LSAMP Scholar and STEM Enrollment 2019-2020



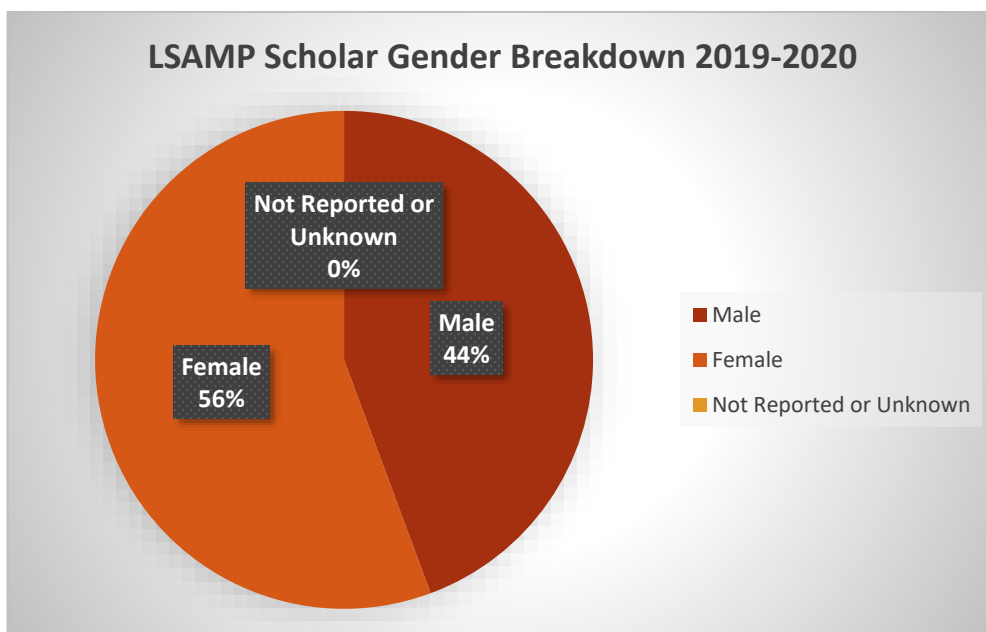
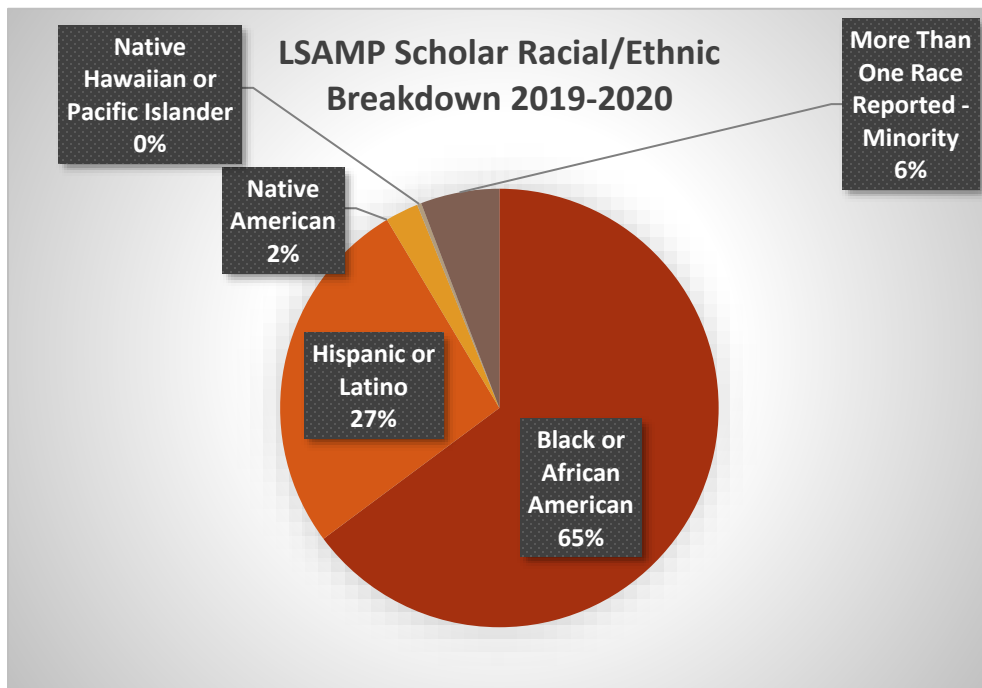
Enrollment	2019-2020
Minority Students in STEM	7034
LSAMP	327
Percentage	4.65

LSAMP Scholar and Minority STEM Enrollment 2019-2020



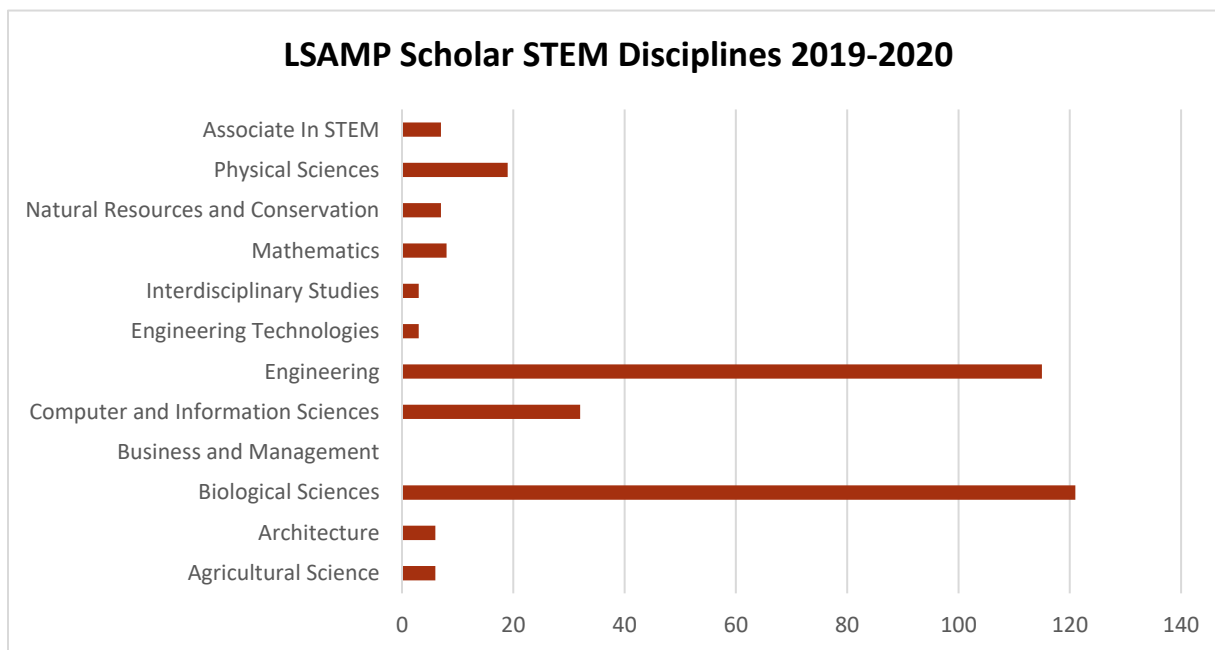
DEMOGRAPHICS

The majority of LSAMP Scholars identified as **Black or African American (65%)** and **female (56%)**.



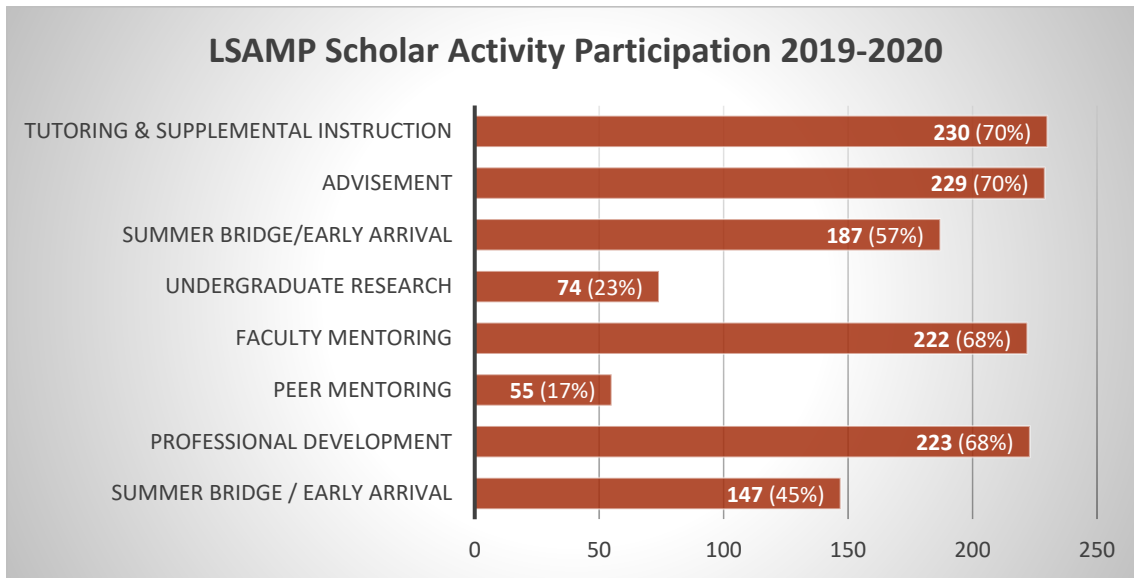
STEM DISCIPLINES

In 2019-2020, **Biological Sciences** was the most common major in which scholars enrolled (121 scholars), followed by **Engineering** (115 scholars). This has been consistent over time (2013-2020).



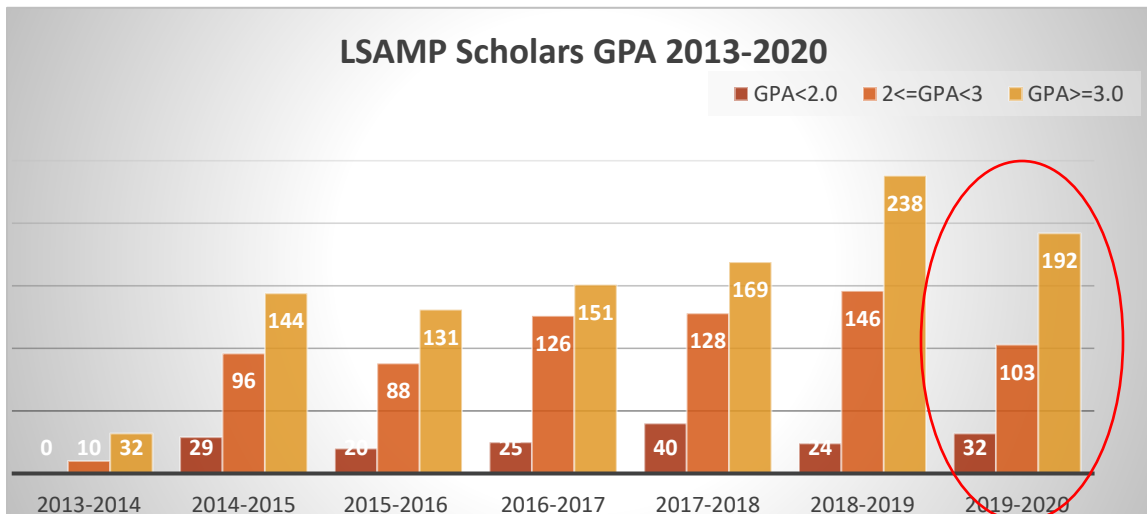
ACTIVITY PARTICIPATION

LSAMP Scholars participated in evidence-based best practices in STEM education that support retention, persistence, and attainment of STEM degrees. In 2019-2020, **tutoring and supplemental instruction** was the most common activity in which scholars participated, followed by **advisement**.



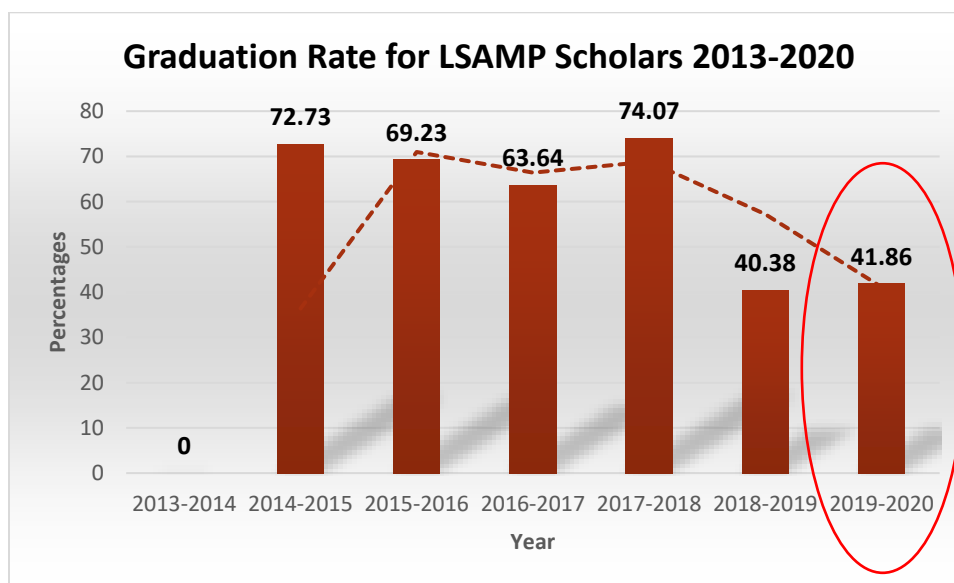
GRADE POINT AVERAGE (GPA)

In 2019-2020, the majority of LSAMP Scholars (approximately 59%) achieved a **GPA of 3.0 or higher**.



GRADUATION RATES

Of the 43 LSAMP seniors in 2019-2020, 18 seniors (**41.86%**) **graduated**, a slight increase from 2018-2019. The decrease in graduation rates after 2017-2018 is likely attributed to students who completed enough credit hours to be classified as seniors earlier in their undergraduate careers but still had additional required coursework to complete.



SUMMARY

The Ohio LSAMP is an alliance of 10 institutions of higher education across the State of Ohio with the goal of doubling the number of URM baccalaureate degrees in STEM disciplines at four-year partner institutions within five years, using the LSAMP model for programming which focuses on academic integration, social integration, and professionalism. Although pandemic-related restrictions and closures curtailed some of the activities in which scholars would have engaged in spring and summer of 2020, this impact report highlights the Alliance's commitment to meeting its programming objectives by continuing the innovative, evidence-based high-impact practices that have proven effective in recruitment and retention of URM STEM students. As reflected in this report, collectively, Alliance institutions are serving only a fraction of all STEM students and of all minority students in STEM. In addition, biological sciences and engineering are the top STEM majors in which scholars are enrolled. Most scholars are thriving academically with grade point averages of at least a 3.0. Overall, the Alliance is making progress towards its goal of doubling the number of URM baccalaureate degrees in STEM disciplines at four-year partner institutions within five years.

Thank you for your attention to this report. Feel free to reach out to us at ohioslamp@osu.edu for additional information or questions regarding the report.



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