



THE OHIO LSAMP
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From Community College to 4-yr Institution: Assisting Underrepresented Ethnic STEM Students in Making the Transition

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Purpose of Ohio LSAMP Institutional Collaborations

- To increase the number of URM community college students who transfer to 4-yr institutions to complete quality degree programs in science, technology, engineering, and mathematics (STEM).





Columbus State Community College (CSCC) & The Ohio State University (OSU) Collaboration

LSAMP Students (**14**) participate in the following types of programming at **CSCC**:

- Tutoring – students are tutored by CSCC STEM faculty.
- STEM Club – exposes students to STEM careers and provides professional development opportunities.
- STEM Bridge Program – 1 week program for 1st yr students which focuses on time management and study skills, knowledge of campus resources, the development of faculty-student relationships, hands-on science labs, engineering activities, and identifying and remediating fundamental misconceptions in chemistry and math.

- STEM Community Outreach Events:

We are STEM – CSCC hosts STEM activities for area high schools.

Young Men of Color STEM Career Conference – CSCC and COSI co-host science related activities and experiences for 6-9th grade young men from area schools.

- Individual advising from STEM advisors



Columbus State Community College (CSCC) & The Ohio State University (**OSU**) Collaboration

CSCC LSAMP Students (**14**) participate in the following types of programming at **OSU**:

- **Peer Mentoring** – 1st and 2nd year CSCC students are matched (based on their plan of study) with junior and senior OSU students who provide resources and guidance for transfer to a 4-yr institution.
- **Faculty Mentoring** – 1st and 2nd year CSCC students are matched (based on their plan of study) with OSU faculty mentors. Faculty mentors help students to start thinking about an undergraduate research project. Meetings with faculty mentors may include the following:

A tour of the laboratory with explanations by graduate students of their projects

Introductions to other faculty researchers and their laboratories

Short hands-on activities, projects, or experiments

Assisting in data collection

Discussions of possible research projects, funding opportunities, transferring to OSU, internship opportunities, study abroad opportunities, and the benefits of doing undergraduate research

- **STEM Workshops** - CSCC students are strongly encouraged to participate in OSU workshops such as ***“Why Graduate School,” Graduate Student STEM Panel, and Networking and Your Personal Brand.***



The Ohio State University (OSU) LSAMP Personnel



Barbara A. Fink, O.D., Ph.D.
Ohio LSAMP Alliance
Director



J. Tyler Cole, M.Ed.
Ohio LSAMP Alliance
Program Coordinator



CSCC Preferred Pathway®

CSCC has dedicated pathway agreements to a bachelor degree with 8 Preferred Pathway Partners. OSU is one of our partners. The pathways allow students to "pre-major" at Columbus State for the degrees they plan to pursue their eventual 4-year school. Pre-majors ensure that students take the classes they need for their degree, saving them tuition money and time.



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CSCC Students Shine at the Ohio LSAMP Alliance Conference in July 2015



Student success and achievement motivate us to continue to improve our LSAMP programming so students experience a seamless transition to 4-yr institutions.



Cincinnati State Community College and University of Cincinnati LSAMP Partnership

- Using Existing Co-operative Education Program to Support Undergraduate Research at University of Cincinnati
- Status – Eleven Cincinnati State students have participated in Undergraduate Research for their Co-operative education experience.





Cincinnati State Community College and University of Cincinnati LSAMP Partnership

- Participation in University of Cincinnati's Summer Bridge Program – Summer 2015





Cincinnati State Community College and University of Cincinnati LSAMP Partnership

- Initiative is to improve students' willingness to persist through their STEM degrees.
- Students participating in UC Bridge Program understand what is required for success.
- Student experiences have been extremely positive and have served to recruit others to LSAMP.