

Achieving Success in Science Through Undergraduate Research Experience [ASSURE] (NSF)

Funding Agency:

National Science Foundation (NSF)

Contact Person:

Joyce Fernandes
Associate Professor
Zoology, Miami University
Phone: 513-529-7211
E-mail: joyce.fernandes@muohio.edu

Evaluation:

5 Years
\$80,000

Ohio's Evaluation and Assessment Center for Mathematics and Science Education (E & A Center) will be evaluating the Undergraduate Research and Mentoring in the Biological Sciences (URM) project. The goal of URM is to ensure academic success for underrepresented students in biological sciences, specifically Molecular Cell Biology. The E & A Center will focus on how well the project (a) increases the recruitment of underrepresented students, (b) provides first year programs for academic enrichment and mentoring, (c) prepares students for graduate study in molecular cell

biology, and (d) builds a solid foundation to sustain the program through interactions among academic, student support, and administrative structures.

The evaluation will measure both qualitative and quantitative data from participating students regarding living-learning communities, mentoring opportunities, college majors, and career plans. In addition, selected participating students and university personnel will be interviewed.

This project is currently being evaluated and results are inconclusive.

This project shows the E & A Center's ability to use evaluation methods in science to increase the academic standing of underrepresented students across Ohio.