# Community-Engaged Learning and STEM: How Initial Perceptions Vary Based on Course

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# **Community-Engaged Learning**

- Community-Engaged Learning (CEL) is a combination of academic work and collaborating with the community<sup>1</sup>
- Involves students, community partners, and campus partners
- Students reflect on their experiences
- Benefits: "real world" application, increases engagement, improves skills<sup>2</sup>
- Expose students to career options and give them experience needed for careers

## **Research Questions**

Does course type (major) differentially affect student perceptions of CEL?

How do student perceptions of CEL affect buy-in?

## **Survey Approach**

#### Survey

- Exploratory survey given to undergraduate microbiology and psychology courses
- Psyc 111 (Introduction to Psychology): general education, elective, 158 students
- Micro 352 (Introduction to Microbiology II): upper level, major course, 27 students
- Close and open-ended questions

#### Coding

- Coding scheme based on student responses
- IRR above 90% for open-ended questions

#### Analysis

 Compared responses from each course for relevant survey questions





