**Program Overview**

The Lyman Briggs College Scholarship of Undergraduate Teaching and Learning (SUTL) Program ([https://grad.msu.edu/sutl](https://grad.msu.edu/sutl)) is a collaboration between LBC and the MSU Graduate School. Its primary goals are to provide a diverse group of graduate students committed to undergraduate education with:

- a) experience conducting mentored research on undergraduate teaching and learning;
- b) familiarity with contemporary instruction and assessment techniques; and
- c) professional and career development opportunities related to undergraduate education.

Meeting these goals will result in Fellows who can make meaningful contributions to undergraduate education as practitioners of contemporary scholarly pedagogical methods, as well as contribute to scholarship related to undergraduate teaching and learning. The Program’s secondary goal is to support LBC faculty (tenure system and academic specialist) engaged in teaching and learning research.

Graduate students selected for this full-year (12 month) program will work with an LBC faculty member for about 5 hours each week on a new or existing disciplinary-based education research (DBER), scholarship of teaching and learning (SoTL), or action research (AR) project. We envision DBER/SoTL/AR broadly, including developing and assessing various curricular interventions, assessing student learning and the factors that affect such learning, evaluating the success of classroom innovations (e.g., inquiry-based labs, interdisciplinary teaching and learning, teaching with case studies), and efforts to increase the retention and success of a diverse STEM population. Please see previous year’s project descriptions: **SUTL Project Descriptions**. Each SUTL Fellow will work closely with their LBC faculty mentor to contribute to a new or existing DBER/SoTL/AR project, and will be encouraged and supported to disseminate project results via peer reviewed journals, conferences, and pedagogy-related websites.

In addition to the mentored SUTL project, Fellows participate in bi-weekly activities with other fellows (1.5-2 hours each). These activities are organized by the Director and include:

- a) sharing in-progress SUTL research with other SUTL Fellows;
- b) meeting faculty members, outside speakers, and other students to discuss topics related to undergraduate education;
- c) participating in professional development activities and workshops.

These professional development activities represent a broad range of teaching and learning topics and complement activities offered by other MSU Graduate Fellowship Programs ([FAST](https://grad.msu.edu/programs/FAST), [JMC IIT](https://grad.msu.edu/programs/JMC-IIT), [RCAH Fellows](https://grad.msu.edu/programs/RCAH-Fellows)).

**2022-2023 SUTL Fellow and Mentor Selection**

LBC SUTL faculty mentors can expect to:

- a) be matched with a SUTL Fellow who will work with them for a year on a new or existing SoTL/DBER/AR project (~5 hrs/wk for 12 months, free to the LBC faculty member);
- b) receive $1500 for efforts mentoring the next generation of teacher-scholars; and
- c) increase their engagement with graduate students and faculty engaged in SoTL/DBER/AR.

LBC SUTL faculty mentors will be expected to:

- a) mentor their SUTL Fellow and the research project throughout the 12 months;
- b) participate in the SUTL cohort meetings at the beginning, middle, and end of the 2022-2023 school year;
- c) lead to the biweekly SUTL Fellows meetings at least once during the year (schedules permitting).

We anticipate selecting 6-8 Fellows for the 2022-2023 cohort, some of whom may be in their second year of the program. Groups of LBC faculty are welcome to apply together to collaborate on a project. **Fellow and Mentor applications are being accepted through April 4th, 2022.** Although graduate students in any MSU department are eligible, preference will be given to students in fields or with experiences that match LBC mentor research in STEM, STEM education, HPS, or HPS of science education.
LBC faculty members with an interest in serving as a 2022-2023 SUTL Mentor should email Rachel Barnard (rbarnard@msu.edu) by April 4th, 2022. Please use the subject line “SUTL Mentor” and include the following information as a single attachment:

- A project title and 1 paragraph description of the DBER/SoTL/AR research project that a Fellow would work on
- Plans for disseminating the work
- A list of other collaborators on the project (names and affiliations)
- A 1-3 sentence description of how specifically a Fellow would be involved in the research (i.e., the responsibilities you can see giving a Fellow)
- A preference for when the Fellow would start their year working with you (May 16 or August 15, 2022).

Prospective SUTL mentors will be a part of the Fellow selection process to ensure a compatible match between Fellow and Mentor.

The Fellow-Mentor selection and matching process will happen in mid-April.