



LBC SUTL Fellows
MICHIGAN STATE UNIVERSITY

Call for 2018-2019 Graduate Fellows Scholarship of Undergraduate Teaching & Learning

Lyman Briggs College ([LBC](#)) is MSU's interdisciplinary residential college for the study of the sciences in their societal contexts. Its unique program combines the natural sciences and the history, philosophy, and sociology (HPS) of science. LBC has long been a leader in STEM and interdisciplinary education innovation. The primary goals of the [Lyman Briggs SUTL Fellowship Program](#) 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 future discipline-based education researchers and/or as practitioners of contemporary scholarly pedagogical methods.

Graduate students selected for this full-year program (12 month) will work with a LBC faculty member 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. LBC faculty are involved in a variety of funded education projects (e.g., [Avida-ED](#), [Evo-Ed](#), [AAU Gateway Fellows](#), [INQUIRE](#), [Scientific Virtues Project](#)). Each SUTL Fellow will work closely with their LBC faculty mentor to contribute to a DBER/SoTL/AR project, and will be encouraged and supported to disseminate project results via peer reviewed journals, conferences, and pedagogy-related websites. Please see previous year's project descriptions here: [2017-2018 SUTL Project Descriptions](#).

In addition to the mentored DBER/SoTL/AR project, Fellows will participate in bi-weekly activities with other fellowship recipients. These activities will include: (1) sharing in-progress SUTL research with other Fellows; (2) meeting faculty members, outside speakers, and other students to discuss topics related to undergraduate education; (3) participating in professional development activities and workshops. Professional development activities will complement those offered by the [Certification in College Teaching Program](#) and the [CIRTL project](#) and will focus on topics such as active learning and inquiry-based pedagogy, interdisciplinary education, fostering a climate of inclusivity, responsible conduct of education research, formative and summative assessments, and strategies for success on the academic job market. Fellows must complete pre- and post-program assessments. Each SUTL Fellow will receive \$5000 to help support project expenses and/or travel to a conference to disseminate findings. Selected Fellows may apply for a second year in the program.

Eligible MSU graduate students must be enrolled full-time in a program leading to a terminal degree in STEM, history, philosophy, sociology or HPS of Science, or other appropriate field, be in good academic standing, be making progress toward their degree, and have the agreement of their adviser/major professor and department chair. Alumni of other education-related fellowship programs may apply (e.g., [FAST](#), [JMC IIT](#), [RCAH Fellows](#)). Awards will be made to individuals who, in the judgment of the review panel, have demonstrated high academic achievement, are committed to a career that includes teaching, and show potential for future achievement as teacher-scholars.

Applications must be received by March 26, 2018. Applicants will be notified mid-April; those who accept a SUTL Fellowship may not accept a [FAST](#), [JMC IIT](#), [RCAH](#) Fellowship, and are encouraged to attend the 2017-2018 Fellows Poster Symposium that is 4-6pm on April 19, 2018. For further information or questions, please contact Kendra Spence Cheruvilil at ksc@msu.edu.

Lyman Briggs SUTL Fellow Application Requirements

Send *a single PDF file* that includes:

- 1-page Application Information form (see following pages)
- Current curriculum vitae;
- Essay (maximum 800 words) that includes your reasons for applying. Please include your professional/career goals, how your participation in the SUTL program will help you achieve your goals, and 1-3 topics related to undergraduate teaching and learning that you are most interested in learning more about through participation in a new or on-going disciplinary-based education research (DBER), scholarship of teaching and learning (SoTL), or action research (AR) project led by an LBC faculty member.
- Scanned copy of Administrative Endorsement Form (see following pages) with signatures from the applicant's graduate advisor and department Chair or graduate program director.

Send application file to the LBC SUTL Fellows Director via email (ksc@msu.edu)

Application Deadline: March 26, 2018

Lyman Briggs SUTL Fellows Applicant Information Form

Name:

College:

Dept./School:

Start date of doctoral program:

Date of comprehensive/qualifying exams (anticipated if not yet complete):

Campus Address:

Phone:

Email:

I prefer to start SUTL Fellowship (circle one): May 16, 2017 OR August 16, 2017

I am seeking a second year as a SUTL Fellow (circle one): Yes OR No

If you are seeking a second year of funding, will you continue with your
current DBER/SoTL/AR project and mentor? (circle one): Yes OR No

List any formal classes, workshops, or seminars you have completed related to teaching and learning
(e.g., PLB802, EGR811, Certification for College Teaching workshops or seminars):

List any instructional experiences and indicate your role (e.g., classes you have taught as instructor of
record, classes you have been a TA for, guest lecturer):

List any prior experience you may have had with the Scholarship of Teaching and Learning (SoTL),
Disciplinary-Based Education Research (DBER), or Action Research (AR).

Name, email address, and phone number of a recommender whom the selection committee and
potential faculty mentors may contact.

Lyman Briggs SUTL Fellow Administrative Endorsement Form

Lyman Briggs SUTL Fellows...

- Work with an LBC faculty mentor on a Discipline-Based Education Research (DBER) / Scholarship of Teaching and Learning (SoTL) / Action Research (AR) project and participate in bi-weekly SUTL Fellow activities over the course of the year. Each fellow will spend an average of 5 hours per week on the research project plus 1 ½ - 2 hours every other week on the SUTL Fellow group meetings/ activities.
- Receive \$5000 (in three payments during the year) over and above their regular research or teaching stipend, while remaining in good standing in their program.

_____ ***(name) is a doctoral student in good standing who has my endorsement for his/her participation in the LBC Graduate Fellows Program in Scholarship of Undergraduate Teaching and Learning.***

Signature of Graduate Advisor

Signature of Department Chair OR
Director of Graduate Committee

Name of Graduate Advisor

Name of Department Chair OR
Director of Graduate Committee

Date

Date