

TRESTLE: Transforming Education, Stimulating Teaching and Learning Excellence

What is the goal of TRESTLE?

TRESTLE aims to spread the use of evidence-based teaching practices (such as learning goals, formative assessment, and active learning) in STEM courses.

Where do I find more information?

Please contact me with any questions!

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<http://colorado.edu/csl/TRESTLE>

How can TRESTLE help?



COURSE TRANSFORMATION AWARDS & MINI-GRANTS

Two \$10,000 awards (**deadline Oct 1**) and four \$1000 awards (**deadlines rolling**) are offered per year to support knowledgeable faculty and instructors in developing courses to incorporate evidence-based teaching practices.



TRESTLE SCHOLARS PROGRAM

Deadline June 1. For faculty and instructors who are new to or moderately experienced with evidence-based teaching practices, we will offer facilitated learning experiences within or across disciplines, on (1) Curricular design, (2) Course transformation, and (3) Group activity design & facilitation.



STEM EDUCATION ADVISORS

A set of educational experts in STEM are available for free consultations around the use of active learning, student engagement, group-worthy tasks, Learning Assistants, education research and assessment, and

About TRESTLE

The TRESTLE project is a multi-institutional NSF-IUSE grant rostered in the Center for STEM Learning. TRESTLE includes 7 partner institutions in the US and Canada, through the Bay View Alliance. The award runs August 2015-August 2020, and builds on the Science Education Initiative (<http://colorado.edu/sei>).

The main goals are to implement and study a model of STEM education reform which (a) **embeds STEM education experts** within departments, (b) **builds community** within and across departments and universities, and (c) **generates evidence** of the impact of course transformation. All 7 institutions are using common measures of impact through observations, surveys, and departmental climate measures.