Advancing Learning through Evidence-Based STEM Teaching

a MOOC for graduate students & postdocs

June 1 - July 20, 2016

Sponsored by CU-CIRTL and the CIRTL Network

This Massive Open Online Course (MOOC) through EdX will provide aspiring and current college and university faculty in the STEM disciplines (science, technology, engineering, and mathematics) with an introduction to “teaching as research”—the deliberate, systematic, and reflective use of research methods to develop and implement teaching practices that advance the learning experiences and outcomes of both students and teachers. Participants will learn about effective teaching strategies and the research that supports them, and they will learn how to collect, analyze, and act upon their own evidence of student learning.
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Learn how to collect, analyze, and act upon your own evidence of student learning

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Instructors Completing assignments for this MOOC fulfills the major requirements of the CIRTL Associate Level Certificate, recognized nationwide for excellence in STEM teaching.

Certificates Want some motivation to complete the course, or value opportunities for further in-person discussion of course ideas with colleagues? CU-CIRTL will be helping form discipline-specific learning communities that meet weekly for 60-90 minutes while the course is running. We hope you will join as a participant or course leader. Discussion leaders will receive instructor guides to discussing the topics and $500 in small grant funding for meeting refreshments and expenses. We can help you advertise group meetings to potential participants. Please contact us if you are interested.

Discussions

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gradschool.cornell.edu/cu-cirtl | @CUFutureFaculty | STEMteachingcourse.org