

# CU-CIRTL CERTIFICATE PROGRAM

CIRTL Certificates distinguish emerging leaders in evidence-based teaching practices among future faculty. These nationally recognized certificates attest to various levels of engagement with the CIRTL Core Ideas:

- **Teaching as Research**
- **Learning Community**
- **Learning through Diversity**

Supported in part through the National Science Foundation's initiatives to advance quality teaching in the STEM\* fields, CIRTL certificates are increasingly recognizable credentials in today's competitive teaching markets.

*\*STEM = natural and social sciences, technology, engineering, and mathematics*

## WHO CAN PARTICIPATE?

While open to the Cornell community, the primary audience of the CU-CIRTL Certificate program is graduate students and postdoctoral scholars in STEM fields, including social, behavioral, and economic sciences, and STEM education.

## GET STARTED!

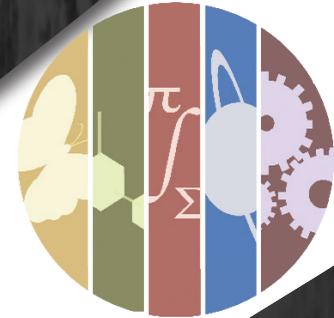
[gradschool.cornell.edu/cu-cirtl/certificates](https://gradschool.cornell.edu/cu-cirtl/certificates)



## ABOUT CU-CIRTL

The Cornell University Center for the Integration of Research, Teaching, and Learning (CU-CIRTL) advances college science, technology, engineering, and mathematics (STEM) education by preparing talented academics capable of integrating superb research with excellence in teaching. As a member of the national CIRTL Network, Cornell University is one of 22 research universities collaborating to provide high-quality professional development for graduate students and postdoctoral scholars, with funding from the National Science Foundation and the Great Lakes Higher Education Guaranty Corporation.

CENTER FOR THE INTEGRATION  
OF RESEARCH, TEACHING, AND LEARNING



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[cu-cirtl@cornell.edu](mailto:cu-cirtl@cornell.edu)  
[gradschool.cornell.edu/cu-cirtl](https://gradschool.cornell.edu/cu-cirtl)  
325 Caldwell Hall, Cornell University  
Ithaca NY 14853 | 607-255-2030

Cornell University



Graduate School

# Associate



## OVERVIEW

CIRTL Associates have demonstrated knowledge of effective teaching and research-based practices in a variety of learning environments. Participants at this level of achievement are acknowledged for their commitment to learning and engaging with the core principles that enhance evidence-based teaching. CIRTL Associates are prepared to implement research-based “best practices” in various learning environments in order to achieve learning goals and to recognize diversity in learning and mentoring needs.

## BENEFITS

Participants who have received CIRTL Associate status are eligible to apply for a competitive \$250 stipend to assist with the material costs of conducting a Teaching as Research project or full-inquiry cycle of a teaching and learning project. This stipend can be used to purchase materials or to subsidize further training. Additionally, CIRTL Associates can apply for travel grants (of up to \$250) to pursue outside learning opportunities in evidence-based teaching.

*understand*

# Practitioner



## OVERVIEW

CIRTL Practitioners have not only studied the principles of evidence-based teaching and the CIRTL Core Ideas, but have also begun to implement them in their own teaching. Practitioners have a deeper understanding of the theory behind good teaching and have experience applying the CIRTL Core Ideas in a learning setting. In order to achieve the CIRTL Practitioner Certificate, participants must design and implement a Teaching as Research project, either as a pilot project or through a Teaching as Research course.

## BENEFITS

Participants who have been recognized as CIRTL Practitioners are prepared to contribute to the scholarly dialogue concerning evidence-based teaching, and Cornell University is committed to helping Practitioners achieve those goals. CIRTL Practitioners are eligible to apply for \$1000 travel grants to help present their teaching projects. Additionally, Practitioners can apply to the CIRTL Network Exchange Program for fully-funded visits to discuss their research with scholars at other universities.

*engage*

# Scholar



## OVERVIEW

CIRTL Scholars are leaders among their peers when it comes to evidence-based teaching. They have demonstrated engagement with the scholarship, theory and implementation of Teaching as Research and have incorporated the best practices in the field into their own teaching. CIRTL Scholars are graduate students and postdocs who have conducted research that advances teaching and learning in the discipline and made the results of their research public beyond Cornell through presentation or publication. CIRTL Scholars have completed a full-cycle Teaching as Research project, including proposal development, IRB review, data collection and analysis, and submission to a conference or journal.

## BENEFITS

CIRTL Scholars are models for other future faculty. In addition to Practitioner-level benefits, funding opportunities are available to Scholars who undertake a leadership role within the CU-CIRTL Learning Community. CIRTL Scholars who wish to mentor other participants and serve as ambassadors for the CIRTL ideals among their peers are eligible for semester-long mentor appointments.

*share*