CIRTL Network Programming

Courses, workshops, and more bring members together in person and online

COURSES

CIRTL's **courses and short courses** on teaching and learning give graduate students and postdocs an interactive, synchronous, online learning experience led by faculty from CIRTL Network universities across the nation. By bringing together students from across the Network, our courses leverage the Network's diversity to prepare future STEM faculty to be both superb researchers and excellent teachers.

CIRTL offers two **MOOCs**, each focused on different aspects of evidence-based STEM instruction. These MOOCs, designed and led by faculty across the country, are offered year-round.

WORKSHOPS

CIRTL's **online workshops** are tailored to helping graduate students and post-docs develop specific materials that can advance their teaching and research expertise. These workshops, led by faculty and staff from CIRTL institutions, cover a range of topics, like writing and implementing an individual development plan, and writing and refining teaching philosophy statements.

ONLINE LEARNING COMMUNITIES

CIRTL's **online learning communities** give graduate students, post-docs, faculty, and staff a platform to make connections, share resources, and discuss new ideas. CIRTL Learning Communities focus on issues of teaching and learning in STEM disciplines.

EVENTS

Weekly **CIRTLCasts** give current and future faculty the opportunity to learn about and discuss a wide range of topics related to STEM teaching and learning. Led by CIRTL Network faculty and staff, these online, synchronous events enable participants to dig deeper into issues of interest.

CIRTL's **journal club** has monthly online, synchronous discussions about current research on teaching and learning in higher education.

TEACHING-AS-RESEARCH (TAR)

Each year, graduate students from across the CIRTL Network develop **TAR** projects. The TAR Capstone series brings together these students with post-docs, staff and faculty from across all institutions to present final their projects, discuss, share resources, and ask questions.

IN-PERSON OPPORTUNITIES

The CIRTL **Network Exchange program** is a twoto three-day visit to a CIRTL Network campus, designed to give participants the opportunity to network and practice professional skills before entering the job market. Please contact your local Network leaders to see if this opportunity is available on your campus.

In-person institutes give CIRTL students the opportunity to engage in in-depth teaching development in multi-day sessions hosted at CIRTL member institutions.



Center for the Integration of Research, Teaching, and Learning www.cirtl.net

CIRTL's programming is broken into three levels of engagement: low, medium, and high.

Full Courses

- 5 core courses
- 3-4 courses/semester (2 core,
- 1-2 additional)

CIRTL MOOCS

Network Exchange

- Intro to Evidence-Based **Undergrad STEM Teaching**
- Advancing Learning through **Evidence-based STEM Teaching**

Present TAR and disciplinary

research at CIRTL institution

Program

Regional Institutes

In-person summer institutions

Engagement

High

Engagement Medium

Workshops

- 1-2 sessions, 2-4 hours each
- Pre- & post-session work

Cross-Network

CIRTL

Programming

 Development of specific materials

Short Courses

- 4-8 contact hours (minimum)
- Focused on special topics in teaching and learning
- 1-2 offered per semester

TAR Capstone

Presentation

 All-Network TAR Presentation Session, fall and spring

Engagement Low

Community Online Learning

 Topically focused learning community discussions

CIRTLCasts

- Weekly, drop-in interactive sessions
- Monthly themes in T&L
- Speakers from the Network

CIRTL Reads

Drop-in online journal club