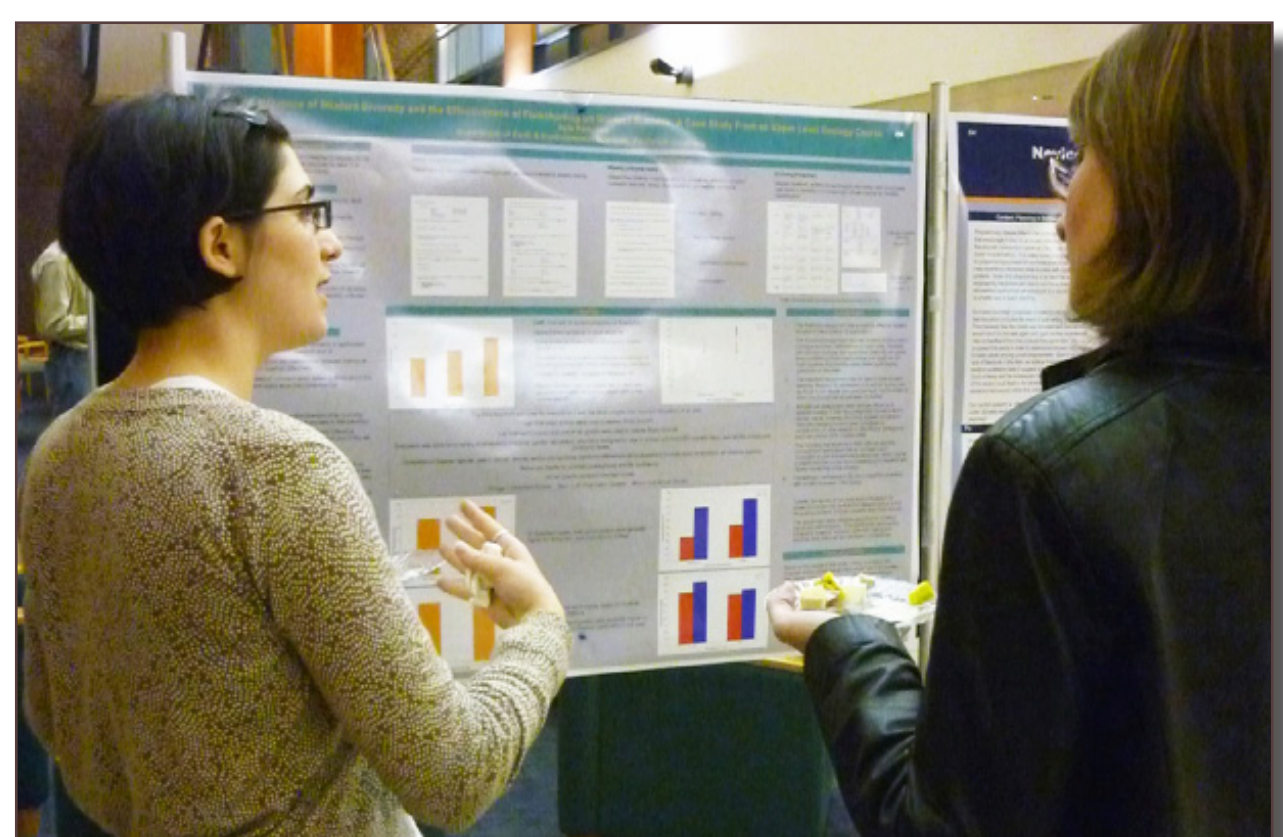


The CIRTL Network: Building a National Learning Community

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The cross-Network learning community represents one of CIRTL's deepest engagements with the learning-through-diversity idea. No single university can fully know—or prepare their students for—the diversity of teaching circumstances across the nation. The foundational hypothesis of the cross-Network learning community is that engaging with colleagues across institutional boundaries, cultural norms, personal experiences and disciplinary divisions will better prepare graduate students for future faculty positions.



As CIRTL Network institutions develop effective STEM graduate-through-faculty learning communities at their own campus, their expertise and innovation are fed back to the national CIRTL cross-Network Learning Community of current and future STEM educators. Through programs, seminars, courses, exchanges, discussions and collaborations the national and local learning communities sustain, support and stimulate one another.

Building a Cross-Network Community



LEARNING COMMUNITY EVENTS AND INITIATIVES

Graduate Courses

- The College Classroom
- Research Mentor Training
- Preparation for Teaching
- Diversity in the College Classroom
- Effective Uses of Technology in Teaching and Learning
- Teaching and Learning Science: Revealing Student Thinking and Conceptual Obstacles to Learning
- How Teams Work and How to Work Better in Teams

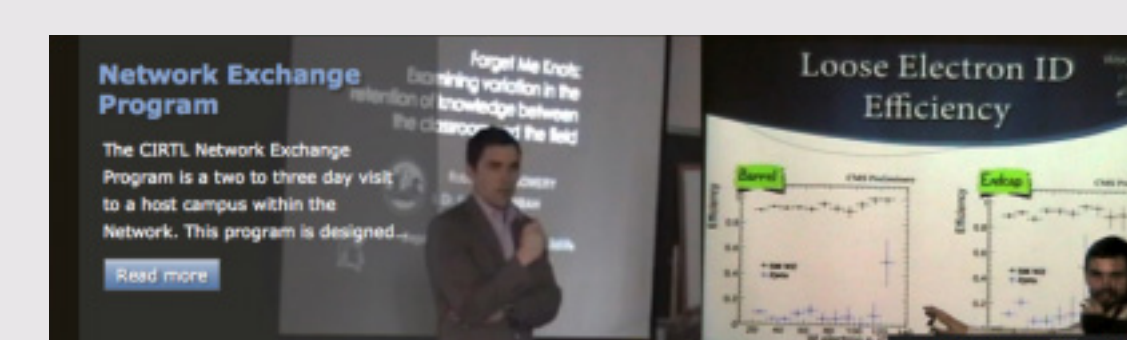
Virtual Coffee Hours



2011-2012 Coffee Hour Series

- On the job market: Varied paths to the professoriate
- Maintaining balance and resilience in your professional and personal life
- Alternative academic careers: Using your teaching and research skills outside the classroom
- The faculty job interview: Experiences from the front lines
- What to expect the first year as a faculty
- Continuing STEM education work as a faculty: Presenting, publishing, and doing TAR work in the classroom
- Finding funding to support your love of teaching

Network Exchange



Education Seminars

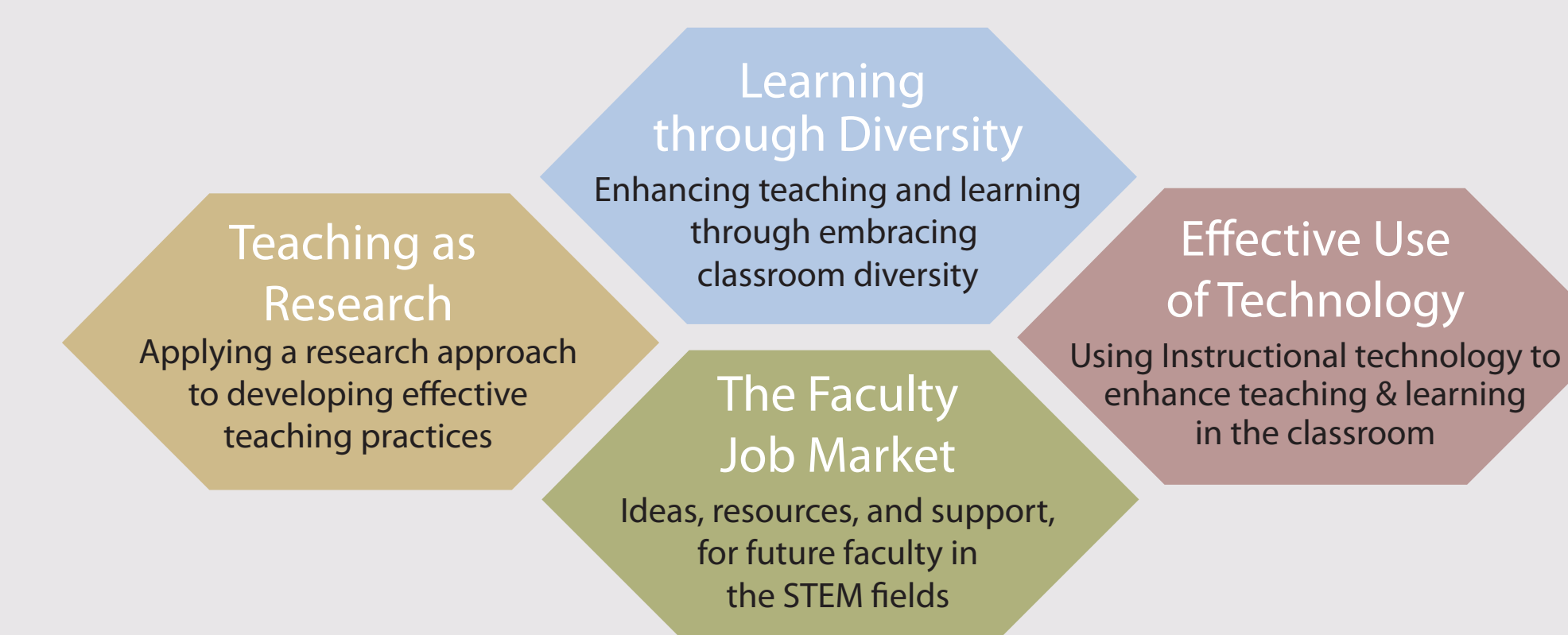
- The Plant Circadian Clock: An Ecology-Focused Teaching Module for Gene Regulation
- Indoctrinating Novice Computer Programmers: Using Grounded Theory to Improve Student Learning

Disciplinary Seminars

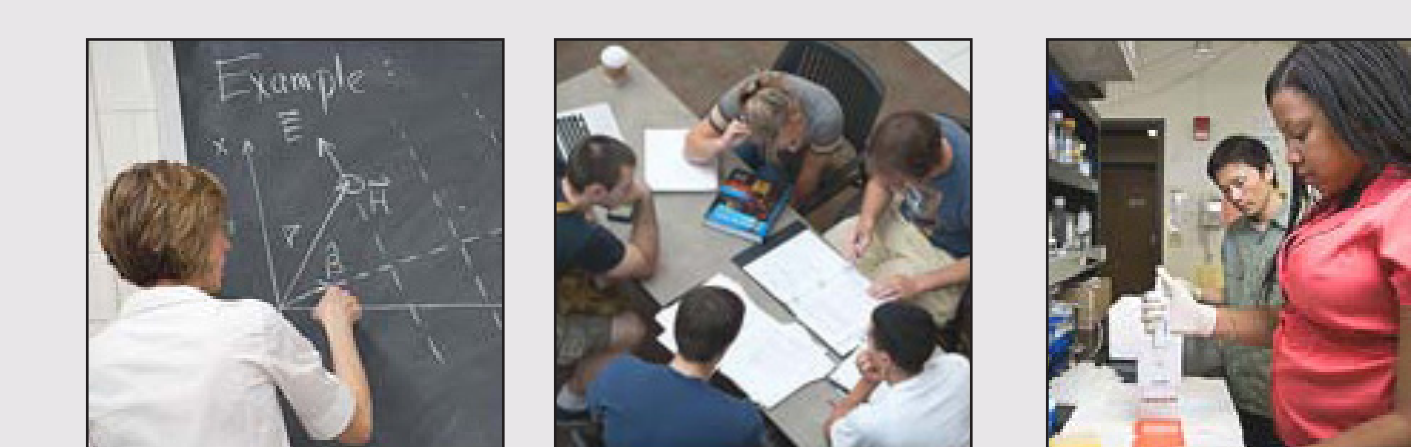
- Gating of Cold-Regulated Expression by the Circadian Clock in Arabidopsis
- Achieving Robust & Efficient Routing in Wireless Mesh Networks

Online Learning Community

Join. Explore. Engage.



CIRTL Forum

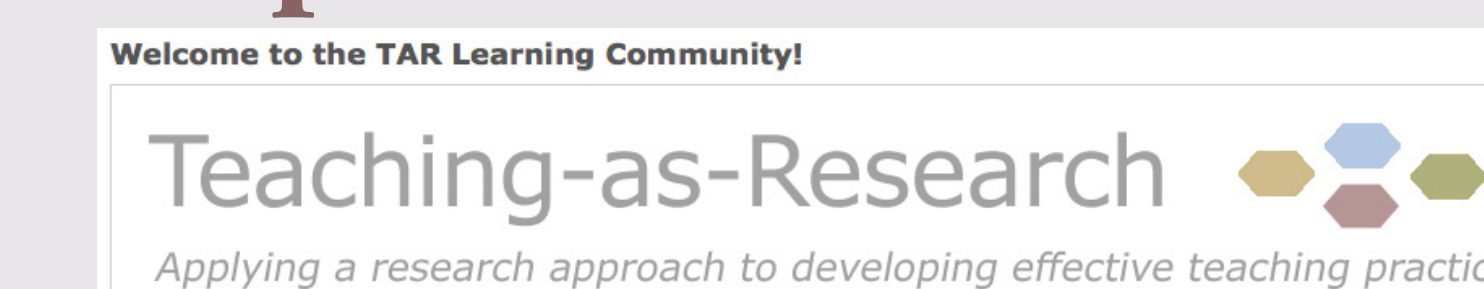


Teaching, Learning and Research:
Preparation of the Nation's Future Faculty
October 10-11, 2011 • Madison, WI

Past Forums

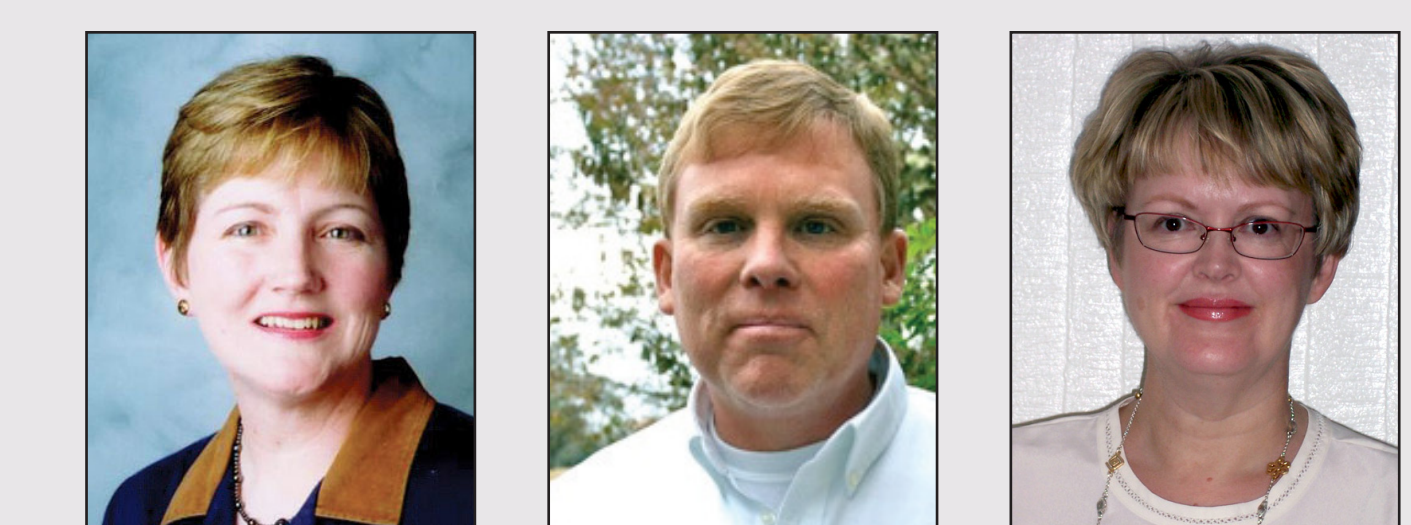
- 2008: Aligning the Preparation of Graduate Students for STEM Early Faculty Careers
- 2005: Diversity Institute
- 2003: Preparing the Future STEM Faculty

Capstone TAR Seminar Series



- Cross Network Peer Interaction on TAR Projects
- Seminar Presentations
 - Assessment of Teaching and Learning
 - Making the Case: The Role of Data in Supporting Educational Innovations
 - Developing Teaching and Learning Objectives for TAR Projects
- All-Network TAR Poster Sessions

CIRTLcasts



- Engaging Students in Learning Through Diversity Using Environmental Case Studies
- Classroom Reconsidered: Engaging Students with Clickers
- The Science of Broadening Participation