Fall 2016 Event Schedule

How to Register

Online:
1. Visit the Learn@ISU website at http://learn.iastate.edu/
2. Login with your Net-ID (username) and password (upper right corner)
3. Click the Login button
4. Locate the Keyword search box (upper left section) > Input “CELT” > Click Search
5. Locate the program > Click List Events next to the appropriate cohort/program
6. Click Enroll – a pop-up window will appear
7. Click Register
8. You will receive an email with the subject: Enrollment Confirmation

Or if you would prefer:
Call CELT at 515-294-5357 or email celt@iastate.edu and specify: event title, date, your name, department and email

Up-to-date Program Schedule:

View CELT Events and Registration website at: http://www.celt.iastate.edu/events-registration

TEACHING & LEARNING CIRCLES (TLC) – Workshop Series
(in chronological order)
Teaching & Learning Circles are groups of 6-15 people who meet once weekly (or bi-weekly) for 4-6 times to discuss topics of common interest and/or books.

Workshop Series: Evidence-Based Techniques to Enhance Student Learning and Engagement
Meets once weekly for four consecutive Thursdays:
September 8, 15, 22, and 29 from 2:30 - 4:00 p.m.
2030 Morrill Hall
In this four-part, 90-minute series, Shana Carpenter (Psychology) Patrick Armstrong (Psychology), Clark Coffman (Genetics, Development, and Cell Biology), Monica Lamm (Chemical and Biological Engineering), Carly Manz (Genetics, Development, and Cell Biology) and Robert Reason (Education) will use evidence-based findings from their NSF Improving Undergraduate STEM Education (IUSE) grant to help you create effective instructional design, implementing findings from cognitive psychology research on retrieval practice that can be tailored for your classroom:

• Sept. 8 | Part 1: How do I include more active learning in my classroom?
  Presenters will share research findings on the effective use of practice questions as tools for enhancing student learning, engagement, and metacognition. They will also share data from their NSF-sponsored studies on how they have implemented retrieval practice in their classrooms (biology and chemical engineering) and what the instructional design and implementation process was like for them. Participants are invited to ask questions, share ideas and begin designing an approach for how they might implement these tools in their own classrooms.

• Sept. 15 | Part 2: How do I design better questions?
  Participants are invited to bring or construct practice questions that could be used to assess student learning in their courses. Presenters will assist participants in developing initial plans to implement retrieval practice in their classrooms and share these ideas with the group for discussion and feedback.

• Sept. 22 | Part 3: What do I do with this information?
  Participants will return and share information about how the implementation affected student learning in their classrooms.
The group will brainstorm further ideas for implementation and instructional design to help each other refine their approaches.

- Sept. 29 | Part 4: What do I do next?
Participants are invited to use this session to create a uniquely tailored semester-long implementation plan for retrieval practice in future courses.

**Workshop Series: Flipping Your Classroom**
(meets 4 consecutive Fridays)
Meets on the following Fridays, October 7, 14, 21, and 28, 10:00 a.m. - 11:30 a.m.
2030 Morrill Hall

This 4-part series offers an opportunity to learn about the flipping your classroom and how to incorporate this approach into a course. A flipped classroom is an instructional strategy that reverses the traditional educational arrangement by delivering instructional content, often online, outside of the classroom. This approach moves activities, including those traditionally considered homework, into the face-to-face classroom. The goal of this fall workshop series is to help instructors and potential instructors start developing their course to a flipped classroom approach. Co-Facilitators: Jacqulyn Baughman, PhD, Mechanical Engineering, Senior Lecturer, College of Engineering; and Amber Bellville, Lecturer in Supply Chain & Information Systems, College of Business.

- Part 1: Oct. 7 (Fri.): What is a Flipped Classroom? In this session, we will introduce what is flipped classroom. And share the current status of flipped classroom implementation in higher education and Iowa State University. A faculty panel with members from different disciplines will share their lesson learned with participants. This interactive discussion will help examine how flipped classroom may guide our students' learning processes and enhance your instruction.
- Part 2: Oct. 14 (Fri.): How to integrate flipped classroom? Potential challenges and opportunities This session will introduce strategies for implementing flipped classroom approach and methods to enhance student engagement. Faculty panel speakers will share detailed implementation examples that include content preparation for both face-to-face and online environments, assessments/evaluations development that aligned with course learning objectives/outcomes.
- Part 3: Oct. 21 (Fri.): Flipped classroom design (Hands-on Activity) For this session, participants will come prepared with an idea in mind of how they will flip an activity in their course. A summarized overview will be presented to review the challenges and opportunities discussed from session 2. After this discussion, the session will take on a workshop format. Participants will be given time to work on and discuss their own ideas. The facilitators of the session will work with individuals and groups as they think about applying these ideas to their own courses.
- Part 4: Oct. 28 (Fri.): What is next step for flipped classroom? A review of resources and services at Iowa State This session will discuss technologies and services available at Iowa State to support instructors if they're interested in flipping their courses. CELT staff will also introduce programming opportunities provided at CELT that can help instructor to continue develop their understanding of flipped classroom. In addition, participants will discuss the future of the flipped classroom learning community and develop strategies to expand the current community and encourage active participation.

**Teaching and Learning Circle: Early Undergraduate Research in your Classroom**
(meets 4 consecutive Thursdays)
Meets on the following Thursdays on October 6, 13, 20, and 27 from 2:30 – 3:50 p.m.
2030 Morrill Hall

Cinzia Cervato and Dave Flory (Geological and Atmospheric Sciences, Martin Acerbo (Psychology), Massimo Marengo (Physics and Astronomy) and Alexis Campbell (BBMB), from the Research Laboratory Faculty Learning Community (rFLC) share low-cost ways to involve undergraduate students (particularly freshmen) in research projects across a range of disciplines, some of which involve service learning and practical applications impacting communities. This four-session discussion circle will help you build ways to incorporate meaningful disciplinary undergraduate research into your course. Free and low-cost data sets, demonstrations, remote instruments and other resources will be shared to help you design ways undergraduates can use real data in coursework.

Participants will leave this circle with a project ready to implement in their own discipline and classroom.

**Workshop Series: The Research-Based Flipped Classroom: Team-Based Learning**
(meets 5 consecutive Wednesdays)
Meets once weekly for five consecutive weeks on Wednesdays for Fall 2016:
September 28, October 5, 12, 19 and 26 from 1:10 - 2:30 p.m.
2030 Morrill Hall

Join in the excitement of Team Based Learning (TBL), a highly effective, research-based teaching methodology implemented in many disciplines and throughout the world. Team-Based Learning (TBL) is an increasingly-popular form of flipped-classroom where small-group learning that can be implemented effectively in small or large classes. TBL provides students with a more intimate, small class feel even in large theater-style classrooms with fixed seats.
TBL teachers report high levels of student attendance, preparation, participation and critical thinking. TBL students report enjoying class and being more motivated and actively engaged. Collaboration in teams provides students with valuable experience that is reflective of problem solving in real-life workplace environments. Just like on the job, participants are expected to be responsible and prepared as individuals and then bring their best efforts into group activities. Facilitator: Holly Bender, Professor, CELT Associate Director.

**AWARD-WINNING FACULTY SERIES**

(In chronological order)

**How to Foster Safe Spaces for Diversity and Inclusion**

Thursday, October 20, 12:10 – 1:00 p.m.
2030 Morrill Hall

What do we mean by inclusion? What do we mean by diversity? As teachers, our answers to these questions are vital not only for our own teaching philosophy but also for the culture we are creating in our classrooms, which can perpetuate into workplaces after graduation. Dr. Kristen Constant, Morrill Professor, Wilkinson Professor of Interdisciplinary Engineering and Chair, Materials Science & Engineering, will help you create a classroom experience that supports diversity and inclusion. Her humorous, data-driven examples can help students in your classroom gain a language with which to discuss diversity and inclusion, help you create a safe space to train future professionals to recognize what inclusion looks like, and help both you and your students not just make room for diversity, but invite and value diverse ideas and experiences into critical thinking processes in both formal and informal settings.

**Using Case-Based Learning in your Classroom: Harvard’s “Winter Oak”**

Wednesday, October 26, 12:10 - 1:00 p.m.
2030 Morrill Hall

In this interactive session, Brad Shrader, Morrill Professor in Management, will model case-based learning by teaching a case (Harvard University’s “Winter Oak”). This is the story of a young boy and his teacher as she comes to understand another way of learning and thinking. CELT has purchased copies of this case for participants, who will be asked to review the 5-6 page case before the session. “Winter Oak” is about discovery and contains multiple levels of meaning, which will result in a rich discussion and deeper understanding about how to use case-based learning in your classroom.

**SEMINARS & WORKSHOPS**

(in chronological order)

**Navigating Electronic Resources and Copyright: Providing materials at no cost to your students**

Thursday, September 15, 12:10 – 1:00 p.m.
32 Parks Library

Have you been looking for electronic versions of course materials that are easy to access for your students? Do you know what you want to use but are worried about copyright issues? In this 30-minute workshop, Susan Vega-Garcia, Associate Professor, Parks Library, will help you discover what materials are available, how librarians help you legally get what you want into your course, and how to best create easy access for your students. This event is co-coordinated by CELT and the University Library.

**Inclusive Classroom Faculty Development Workshop**

Prerequisite: Faculty may choose to attend one of the following program offerings:

- Postponed: Sept. 16, 1:10 – 4:00 p.m., 2030 Morrill Hall
- Mon., Oct. 10, 2:10 – 5:00 p.m., 2030 Morrill Hall
- Wed., Nov. 9, 1:10 - 4:00 p.m., 2030 Morrill Hall
- Thurs., Dec. 1, 9:00 a.m. – 12:00 p.m., 2030 Morrill Hall

Today’s university classrooms are more diverse than in the past. With this diversity of students comes the need to ensure the learning environments associated with courses are inclusive and designed to support all students. This faculty workshop includes online learning modules and an interactive face-to-face workshop focused on creating an inclusive classroom environment. By participating in this workshop faculty will:

- Learn about teaching inclusively and why it is important at Iowa State University
- Identify their own attitudes towards inclusion, acknowledge how it impacts teaching, and develop strategies to be more inclusive
- Enhance self-awareness and instructional skills that may contribute to our inclusive campus environment
- Become familiar with student support resources at Iowa State University
Discussion Group: Coffee and Crucial Conversations

Coffee and Crucial Conversations will provide an opportunity for faculty and staff to dialogue about teaching inclusively at Iowa State University. The intent of these conversations will be to help build a stronger teaching community, create collaborative partnerships, and develop effective teaching practices for meeting the diverse needs of our students. Each month we will choose a topic based on input from our teaching community. This discussion group will be held on the following Fridays:

- September 23 (7:30 – 9:00 a.m., 2030 Morrill Hall)
- October 28 (7:30 – 9:00 a.m., 2030 Morrill Hall)
- November 11 (7:30 – 9:00 a.m., 2030 Morrill Hall)
- December 2 (7:30 – 9:00 a.m., 2030 Morrill Hall)

Help Your Students Become Skilled Online Researchers

Thursday, October 6, 12:10 – 1:00 p.m.
32 Parks Library

Do your students have trouble using research tools beyond Google? In this 30-minute workshop, Susan Vega-Garcia, Associate Professor, Parks Library, will help you discover how to introduce students to the actual research tools professionals in your field use, how researchers can use the new library Guides for research, and how you can embed a virtual librarian in your course to help students learn how to become skilled online researchers.

Jumpstart Learning in Your Course with Streaming Videos

Thursday, October 27, 12:10 – 1:00 p.m.
32 Parks Library

Have you been reserving the same DVD for your course year after year? In this 30-minute workshop, Susan Vega-Garcia, Associate Professor, Parks Library, will help you discover hundreds of licensed streaming videos freely available through library subscriptions and how to embed them in your course to support student learning.

Documenting Your Teaching using the DART Matrix

November 3, 12:10 – 1:00 p.m.
2030 Morrill Hall

In this interactive session, Sara Marcketti, Associate Director, Center for Excellence in Learning and Teaching, Professor, Apparel Merchandizing and Design, will lead you through a personalized workshop designed to help you consider where you are on the Dimensions of Activities Related to Teaching (DART) matrix. You will leave this session with a clear understanding of your teaching so far and a path for where you’d like to be. Participants will find this especially useful for documenting teaching for promotion, tenure, and professional development.

ePortfolios: Enhancing metacognition in your course

Friday, November 4 (12:10 – 1:00 p.m., 2030 Morrill Hall)
2030 Morrill Hall

Do my students really know what they learned in my course? Do they recognize how their skills and thinking change over time? What evidence do they have that they’ve achieved course outcomes? ePortfolios are a powerful tool that help students collect a variety of information from one or multiple courses in one place. They can document a large project, linking to drafts and feedback they’ve received along the way. They can include video presentations and reflections. In this workshop Professor Barbara Blakely, English, and her team of developers will share a new ePortfolio tool available to ISU students and help you discover how to harness ePortfolios to enhance metacognition and display student projects in your course. Presenters will share examples of how ePortfolios have been used in a variety of classes to scaffold learning, collect artifacts in one place for holistic review by both students and instructors, and provide a place for student capstone projects that students will be able to access after the course has concluded. Attendees are invited to conceptualize and discuss how ePortfolios might be used in their courses with hands-on help from presenters. Follow-up sessions will be provided to help instructors further develop specific pedagogical uses of this multi-media communication and learning tool in their own disciplines.

SOTL Scholars: How to Design a Scholarship of Teaching and Learning Project

March 3, 2017, 12:10 – 1:00 p.m.
Sara Marcketti, Associate Director, Center for Excellence in Learning and Teaching, Professor, Apparel Merchandizing and Design, will introduce you to faculty from a range of disciplines documenting their teaching effectiveness for promotion, tenure, and professional development. Participants will leave this session with ideas for implementing SOTL projects in their own teaching and ready to apply for the SOTL Scholars program. Registration will open on November 1.
TEACHING AND LEARNING COMMUNITIES

(in alpha order)
Members of Teaching and Learning Communities are multidisciplinary faculty and professionals who attend monthly or bi-weekly meetings to engage in a topic related to the scholarship of teaching and learning.

Blackboard Faculty/Staff Learning Community
Meets on the following Fridays, 11:30 a.m. - 1:00 p.m.
- Sept. 9
- Nov. 11
- Feb. 10, 2017
- Apr. 14, 2017
Monthly meeting of BbLearn users discussing various topics related to the use of Blackboard Learn in teaching and learning. Registration is required at least one-day prior for this learning community.

Team-Based Learning – Learning Community
Meets on the following Thursdays from 1:10 – 2:30 p.m., 2030 Morrill Hall
- Sep 1, Sep 22, Oct 13, Nov 3, Nov 17, and Dec 8
TBL Scholars
Meets on the followings Wednesdays from 3:10 – 4:30 p.m., 2030 Morrill Hall
- Aug. 24, Oct. 5, 26, and Nov. 30
Graduates of the TBL Teaching and Learning Circles are invited to participate in the TBL Teaching and Learning Learning Community. We work as teams to optimize application exercises, readiness assurance tests, peer evaluation, and other aspects of course design, and also invite speakers to facilitate discussions of TBL theory, research and classroom application. Facilitator: Meghan Gillette, Lecturer, Human Development and Family Studies. Pre-Requisite: Completion of the Team-Based Learning Teaching and Learning Circle – Workshop Series. Registration is not required.

ThinkSpace Faculty Learning Community
Meets on the following Fridays from 2:10 – 3:30 p.m., 2030 Morrill Hall
- Aug. 26
- Sep. 23
- Oct. 21
- Nov. 18
- and Dec. 9
We welcome you to join the ThinkSpace Learning Community (TLC) where ISU faculty meet to create exceptional learning opportunities for students. Centering on ThinkSpace, an active learning and problem solving platform with a set of unique, powerful pedagogical tools, the TLC is designed to help you take your students’ learning to higher levels—learning that builds problem solving skills required in the workplace. TLC colleagues exchange new ideas and novel ways of infusing active learning into face-to-face, online, blended learning or flipped classrooms. TLC meetings support veteran ThinkSpace users, new comers, as well as those “just curious.” Members will showcase exemplary ThinkSpace use by faculty across campus and in many disciplines- encouraging discussions on best practices and experiences, facilitating research collaborations and brainstorming solutions to instructional problems. We invite you to join this supportive and vibrant community to help you create exciting learning experiences in your classrooms. Registration is not required.