Center for Teaching and Learning 2014-2015 Highlights Report
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The Success of our Students

Promote Undergraduate Student Learning and Success

- [Cyber Peer-Led Team Learning](#) (cPLTL) was developed in the Center for Teaching and Learning. Grounded in Peer-Led Team Learning methodology, cPLTL situates small groups' problem solving discussions in a synchronous online setting rather than face-to-face environment. In cPTL, six to eight students and a trained peer leader participate in the virtual workshop session by logging into a web-conference, such as an Adobe Connect meeting. This teaching method has the capacity to positively impact student retention rate, students' mastery of subject learning, and to increase deep learning and leadership develop for non-traditional underrepresented students. The cPLTL project led by Pratibha Varma-Nelson, executive director of the CTL, continues to produce publications and presentations. The most recent publication is:
    - Smith, J., Wilson, S.B., Banks, J., Zhu, L. & Varma-Nelson, P. (2014). [Replicating Peer-Led Team Learning in Cyberspace: Research, Opportunities, and Challenges](#). *Journal of Research in Science Teaching*, *51*(6), 714-740.

Increase Capacity for Graduate and Graduate Professional Education

- [Educational Training for Teaching Associates](#)
  The CTL increased its support of graduate students by creating the Educational Training for Teaching Associates (ETTA) program to provide training and other resources to support IUPUI graduate students who serve in any type of teaching-related role. ETTA officially launched in August 2013 with a fall conference, a website ([ETTA Online](#)), and a series of workshops and events on various teaching-related topics. The purpose of ETTA is to improve the quality of training and support for graduate students serving in instructional roles, and, therefore, to help improve the quality of undergraduate education at IUPUI. The third annual ETTA Fall Conference CTL's ultimate goal is to partner with schools, departments, and programs at IUPUI to create events and services that complement existing graduate student training for a future faculty role.

Transform Online Education

- The CTL Invitational for Online Learning was held Friday, April 24 in the Hine Hall Ballroom. Co-sponsored by Nasser Paydar and Stephen Hundley, the CTL Invitational convened a group of 92 thought leaders in online learning for the purpose of engaging input around the following areas:
    - Innovations, distinctions, and differentiators in online learning at IUPUI
    - Assessment of student learning in online courses/programs
    - Peer review of teaching in online contexts
    - Limitations and challenges to online learning
    - Faculty development needed to support online courses/programs

- Performance indicators to measure effectiveness of our online efforts

- The Center for Teaching and Learning (CTL) supported faculty in developing online courses by providing both a General and Special Focus on IU Online tracks as part of the Curriculum Enhancement Grant (CEG) initiative. During the 2014-2015 academic year, CTL, in partnership with the eLearning Design and Services (EDS) unit of University Information Technology Services for seven of the projects, through team consultations supported 40 faculty members involved in 23 online course development projects.

- Support for several non-CEG funded IU Online projects was also provided by the CTL in collaboration with EDS. These projects include several multi-year endeavors that involve the McKinney School of Law, Social Work, Public Health and other schools and programs at IUPUI.

Contributions to the Well-Being of the Citizens of Indianapolis, the State of Indiana, and Beyond

The CTL continues to collaborate with other campus units such as Center for Service Learning, the Office of International Affairs, and the Intergroup Dialogue Civil Community group.

Promote an Inclusive Campus Climate

- The Center for Teaching and Learning's largest two events featured speakers known for their work in promoting inclusivity. Daniel Bernstein, Professor of Cognitive Psychology, University of Kansas gave the keynote address at the statewide 2015 Edward C. Moore Symposium on *Institutional Culture Change: Academic Innovation and Inclusive Excellence.* Also at the Edward C. Moore Symposium, the recipient of the 2013 Chancellor's Award for Excellence in Teaching at IUPUI, Debora Herold, Senior Lecturer, Psychology, IUPUI School of Science, gave a plenary address titled *Teaching Them How to Learn.* The 2015 CTL Lecture Series speaker was Leah H. Jamieson, John A. Edwardson Dean of Engineering, Ransburg Distinguished Professor of Electrical and Computer Engineering at Purdue University-Lafayette, who gave a public talk entitled *Engineering Education Research: The Growth of a Discipline.*

Develop Faculty and Staff

- Most new tenure-track faculty at large public universities enter the professoriate with training and support to conduct research, but few also enter with equivalent preparation and support for their teaching. The Early Career Teaching Academy provides a setting within which faculty members can create and develop a powerful teaching career, one that is rooted in evidence-based active learning strategies and high-impact educational practices, and designed to facilitate student success. The first cohort of the academy consisted of eight assistant professors from IUPUI and IUPUC. Faculty who become Early Career Teaching Fellows will be in a position to play a leading role in efforts to develop a culture of expert teaching within departments and schools at IUPUI, to document and promote their teaching successes, and to serve as effective teaching mentors for future faculty.

- The CTL continues to offer support for development and education sections of CAREER proposals to the National Science Foundation (NSF) and STEM education proposals to NSF and other funding agencies.

- The Center for Teaching and Learning offered the sixth round of Curriculum Enhancement Grants (CEG). The purpose of the CEG initiative is to provide faculty with support, time, and resources to implement projects designed to improve student learning and success. In addition, the grants are expected to increase faculty competitiveness for external educational or curricular improvement grants and increase the number of faculty involved in pursuing the scholarship of teaching and learning. A total of 20 CEG grants were awarded in three different tracks – 17 in the general track, and three in the Intergroup Dialogue Group track.

  The annual CEG Symposium, held to honor recipients, was Thursday, October 16, 2014 in University Library Lilly Auditorium. The keynote speaker was Arlene Russell, Senior Lecturer in the Department of Chemistry and Biochemistry and Department of Education at UCLA. Her talk was entitled *Calibrated Peer Review: Not Just Writing in the Discipline*.

- The Center for Teaching and Learning offered the Teaching@IUPUI online mini-workshop series which focused on foundational teaching skills. Designed for new faculty, adjunct faculty, graduate students, and faculty looking for a refresher on good teaching practices, the workshops consisted of brief presentations interspersed with opportunities for interaction and questions. Recordings of past Teaching@IUPUI events are available on the Center for Teaching and Learning Website.