

Highlights Report

IUPUI Center for Teaching and Learning wwwctl.iupui.edu

The 2011-2012 year was one marked by a number of collaborations. The Center for Teaching and Learning (CTL) collaborated with several IUPUI programs, departments and schools including the IU School of Medicine, University College and Confucius Institute. During the year the center also hosted and provided consultation services to a number of national and international institutions.

Teaching and Learning

- The CTL brought to campus nationally and internationally known speakers. In September 2011, Jean-luc Doumont spoke to IUPUI faculty and staff about selecting the right graphs to explain research data. Darrell G. Kirch, M.D., president and chief executive officer of the Association of American Medical Colleges (AAMC), was the speaker of the CTL Winter Lecture Series. Kirch argued that there has never been a better time to fundamentally redesign the health care system. However, in order for academic medicine to play a leadership role in this redesign of health care it will need to make transformational changes in how it meets its missions of education, research, clinical care, and community engagement. Michael Wesch, Coffman Chair for University Distinguished Teaching Scholars Associate Professor of Cultural Anthropology, and 2008 CASE/Carnegie U.S. Professor of the Year for Doctoral and Research Universities presented the keynote address at March 2, 2012 Edward C. Moore Symposium on Excellence in Teaching. <http://ctl.iupui.edu/winterSeries/2011/kirch/index.html>
<http://ctl.iupui.edu/ecmoore/>
- Recipients of the first round of Curriculum Enhancement Grants (CEG) wrapped up projects and presented their findings at the fall 2011 inaugural CEG Symposium. The purpose of the CEG is to provide faculty with support, time, and resources to implement projects designed to improve student learning and success at IUPUI and IUPU Columbus. In the second round of grants 11 projects and \$84,000 was awarded in matching grants to faculty representing nine schools. <http://ctl.iupui.edu/programs/CEG.asp>
- Through the awarding of small grants, the Learning Environments Grant supports the creation of innovative, engaging formal and informal learning environments that meet the needs of both faculty and students. During the 2011-12 year \$154,544 was awarded to eight projects. These projects included: furniture for two general use classrooms, a conversion of a two classrooms to a Student-Centered Active Learning Environment for Undergraduate Programs (SCALE-UP), a learning space for students to receive assistance with introductory physics courses, renovation of two classrooms that support approximately 3,450 writing and literacy students per year, a musculoskeletal learning lab to serve two physical education courses, and an enhanced collaborative learning space for IUPU Columbus students. <http://ctl.iupui.edu/programs/lec.asp>

Research, Scholarship, and Creative Activity

- During the 2011-2012 academic year, the Next Generation Learning Challenge (NGLC) program, managed by EDUCAUSE, provided the center funding to scale and study the transportability of

NSF funded cPLTL model of teaching developed at the CTL under the guidance of Pratibha Varma-Nelson. NGLC funding has facilitated scaling and dissemination of the project's research products by engaging IUPUI in conference, publication, and collaborative activities with other institutions. In these efforts, IUPUI, Florida International University and Purdue University have acted as a consortium to expand the use of cPLTL in STEM disciplines. In June 2012, project staff at IUPUI conducted a two and a half day National Adoption Workshop to encourage and facilitate the use and measurement of cPLTL in STEM education, and to stimulate meaningful discourse and planning for wide adoption and change. The goals of the workshop were to introduce participants to: (1) PLTL pedagogy, (2) how cPLTL technology works, and (3) the use and measurement of PLTL/cPLTL instructional practices. The workshop engaged STEM faculty, education evaluators, and instructional technology staff from nine institutions including City colleges of Chicago, Prairie State college, Sinclair Community College, IUPUI, Florida International University, Martin University, Purdue University, The University of Chicago and The University of New Hampshire.

<http://ctl.iupui.edu/projects/cpltl>

- Members of the cPLTL project presented papers in several national and international conferences and talks and were invited to contribute a featured article to the Winter 2011 Educause Quarterly discussing cPLTL development and implementation.
- The Center for Teaching and Learning continues to be sought out to consult international higher education institutions and colleagues interested in creating centers for teaching and learning on their campuses. Throughout 2011-12 the center welcomed a number of visitors including delegations from Thailand, China, India, Africa, and the Middle East. In March 2012, the center hosted 37 deans, associate deans, and heads of units from China's Sun Yat-Sen University. The visiting administrators attended an intensive two-week training related to teaching and learning. The program consisted of workshops related to peer-led team learning, problem based learning, service learning, student-centered teaching, developing and assessing learning outcomes, and learning management systems. Pratibha Varma-Nelson has also been actively involved in consulting with and University of Hyderabad and Symbiosis International University both located in India and Atilim University in Turkey.