

119 - Cyber Peer-Led Team Learning (cPLTL) peer leadership study

Sarah B Wilson, sw67@iupui.edu, *Pratibha Varma-Nelson*. *Department of Chemistry & Chemical Biology, Indiana University-Purdue University Indianapolis, Indianapolis, IN 46131, United States*

The Department of Chemistry & Chemical Biology at Indiana University-Purdue University Indianapolis (IUPUI) is the forerunner for cyber Peer-Led Team Learning (cPLTL) research. The cPLTL workshops are a synchronous online adaptation of the educational intervention Peer-Led Team Learning (PLTL), in which students, under the guidance of peer facilitators, work collaboratively in small groups to develop problem-solving and critical thinking skills. In this study, student-peer leader interactions/discourse in both the cyber and face-to-face environments of a General Chemistry PLTL program are systematically examined to explore the differences in leadership style of the peer leaders in the contrasting learning settings. Qualitative data, including transcripts of discourse, field notes, and audio visual data collected throughout the 2009-2010 academic terms, are examined. Both the process and results of a qualitative analysis of the peer leaders' leadership styles in the two settings will be discussed in this presentation.

Monday, September 9, 2013 08:55 AM

[Learning Chemistry in Cyber Environments \(08:30 AM - 10:50 AM\)](#)

Location: Indianapolis Marriott Downtown

Room: Indiana Ballroom C/D

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