

## Recent Research on Active Teaching Strategies

Despite active learning being recognized as a superior method of instruction in the classroom, most college instructors around the world still choose traditional teaching methods. This talk will review recent research on active teaching strategies as well as provide an opportunity for an open discussion about the challenges of teaching in an active learning environment. We have found that, students' perception of their own learning can be anticorrelated with their actual learning under well-controlled implementations of active learning versus passive lectures. The increased cognitive effort required when students are asked to struggle with the material during active learning can negatively impact their perception of learning. We also discuss results of a successful intervention aimed at improving student perceptions for the effectiveness of active learning.

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Theoretical and  
Applied Physics

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4:00 PM

Innovation Hall

Room E330

Refreshments will be available at

3:30 PM.

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