IUPUI Department of Physics Presents:

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Studying Gender in Physics Education Research: Beyond the Binary

Thursday, November 29*
3:30 pm, LD 010
402 N. Blackford Street

Refreshments at 3:00 pm in the Physics Conference Room LD 154B
For additional information call 274-6900

Abstract:

Much work in physics education research, including much of my own, has examined differences in preparation, persistence, and performance between male and female students. I now believe that there are issues with the implied theoretical framework behind this work. When we look outside of physics, we see a growing, rich literature about the non-binary nature of gender, about intersectionality, and about identity formation. With other PER colleagues, I have called on our field to expand our framework and perform richer studies (Physical Review Education Research 12, 020114, 2016). We also propose short-term strategies that all physicists can employ to make our classrooms and labs more inclusive (Physics Today, March 2018).

*Physics colloquium is scheduled for 2018-2019 academic year for every Thursday, 3:30 PM in LD 010. Changes to the schedule will be posted at www.physics.iupui.edu