



Dr. Marcela Borge is an Assistant Professor of Education at Penn State. Her research interests lie at the intersection of learning, cognition, and design. She has expertise in human-centered-design and the learning sciences and has designed and assessed multiple learning systems to support science/design inquiry and collaborative learning.

TOWARDS THE DEVELOPMENT OF THINKERSPACES

A CONVERSATION WITH DR. MARCELA BORGE
LDT SPEAKER SERIES

We live in an age where we are increasingly connected and every person is dependent on technology for information. Yet we do not teach people how to make sense of and discuss information. In the past 30 years, we have shifted from a society where information was hard to get to one where information is hard to avoid.

Given these changes, it is important to consider whether we are preparing students to think about and discuss information with others in ways that lead to questioning and development of shared understanding or whether we are preparing people to develop isolated ways of thinking and to believe what they are told is truth because a knowledge authority says it is true. Recent societal events showcase the importance of developing people's abilities to synthesize and negotiate knowledge with others and the need to begin to address problems associated with collective sense-making.

Dr. Borge's research focuses on addressing this problem by unpacking collective sense-making processes that occur during collaboration in order to inform the design of learning environments that support the development of collective higher-order thinking processes. In this talk, she will draw on her work to explain how collaboration is a form of nested cognition critical for the creation of new knowledge. She will further explain how regulation at the level of the group can mitigate many of the problems associated with collaborative processes. She closes by discussing some of her recent work where she uses technology as a means to create "ThinkerSpaces" to support the development of higher-order thinking processes associated with high quality collective sense-making.



313 Keller Building, and online at
<https://zoom.us/j/665974240>



February 10, 2017 from
4:00pm – 5:00pm EST



Social Event after the session!
Join us in Downtown State College!

Stay tuned for more activities