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The Unified Learning Model: How Motivational, Cognitive, and Neurobiological Sciences Inform Best Teaching Practices

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Presenter, Department(s):
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Title:
The Unified Learning Model: How Motivational, Cognitive, and Neurobiological Sciences Inform Best Teaching Practices

Information:
In this presentation, Dr. Duane Shell and Dr. Doug Kauffman will present a summary of the recently published book, The Unified Learning Model: How Motivational, Cognitive, and Neurobiological Sciences Inform Best Teaching Practices (Shell, Brooks, Trainin, Wilson, Kauffman, and Herr, 2010). They will begin with an overview of the book including a description of three key principles to all learning. The presenters will then relate these general principles to teaching and learning in the sciences. They will facilitate a discussion on how our current understanding of human learning enhances science teaching and learning and ask the questions of whether or not science possesses unique learning challenges as compared to other content areas.