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

Douglas Kauffman
University of Nebraska - Lincoln

Duane F. Shell
University of Nebraska - Lincoln, dshell2@unl.edu

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Information for DBER Group Discussion on 2012-03-27

Presenter, Department(s):

Douglas Kauffman and Duane Shell
Department of Educational Psychology

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.