

*Challenges in Implementing,
Designing and Delivering Coherent
Curricula in STEM
(and particularly Biology)*

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April 15, 2015

ASB 210

4–4:30pm reception*

4:30–6pm lecture

*Please join us for live music and refreshments

Abstract:

I will describe collaborative efforts in pedagogical methods involving the development of the Biology Concept Inventory (BCI), the design, delivery, and evaluation of courses in general chemistry (CLUE) and molecular biology (Biofundamentals), and interactive tools, including the beSocratic formative assessment system. I will consider forces that encourage and obstruct design and delivery of curricula, considering challenges faced by programs that recruit and train middle/high school teachers, such as our CU Teach program.



Michael W. Klymkowsky is professor of Molecular, Cellular and Developmental Biology at University of Colorado Boulder, co-director of CU Teach and UC Boulder recruitment and certification program. A founding fellow of Center for STEM Learning, and member of many organizations, Klymkowsky was named Outstanding Undergraduate Science Teacher of the Year for 2012 by the Science College Teachers Association/National Science Teachers Association, and received the Teaching Excellence award from the Boulder Faculty Assembly in 2014.

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