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9-27-2012

Summer Institute on Scientific Teaching

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Harris, Steven D.; Angeletti, Anisa Kaenjak; and Osterman, John, "Summer Institute on Scientific Teaching" (2012). *DBER Speaker Series*. 21.

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Information for DBER Group Discussion on 2012-09-27

Presenters, Department:

Steve Harris, Assistant Professor

Anisa Angeletti, Research Assistant Professor

John Osterman, Associate Professor

School of Biological Sciences

Title:

Summer Institute on Scientific Teaching

Abstract:

National Academies NorthStar Summer Institute is one of several regional week-long summer institutes sponsored by the National Academies of Science and the Howard Hughes Medical Institute. The goal of these Summer Institutes is to transform biology education at research universities nationwide by improving classroom teaching and attracting diverse students to majors and careers in science. The institute embodies three core themes: active learning, assessment, and diversity. These themes were modeled throughout the week by active learning in each workshop and in sessions, assessment embedded in the daily action plans; and diversity was modeled by using a variety of teaching methods and orientations. The three of us were teamed with faculty from University of Kansas, Wayne State University and the University of Minnesota. We will discuss our experience at the institute and how we have integrated the ideas into our classes this semester. We will also talk about the interactive classroom we used at Minnesota.