

1046-97-1111 **Kristin A Camenga** (kristin.camenga@houghton.edu), Houghton College, 1 Willard Ave., Houghton, NY 14813, and **Kien H Lim*** (kienlim@utep.edu), Dept. of Mathematical Sciences, University of Texas at El Paso, El Paso, TX 79968-0514. *Panel: Helping Students Develop Mathematical Habits of Mind.*

As teachers, we are entrusted to teach the long list of mathematical concepts specified in the syllabus. In addition to the tension between depth and breadth, we need to incorporate into our lessons opportunities for students to develop mathematical habits of mind. According to Cuoco, Goldenberg, and Mark, the goal of a habits of mind curriculum is to help "students learn and adopt some of the ways that mathematicians think about problems." This goal, although challenging, is attainable. In this panel discussion, the presenters for this session will discuss (a) ways for helping students cultivate mathematical habits of mind while learning key mathematical concepts across grade levels from elementary to college, and (b) strategies for addressing the challenges in implementing a habits of mind curriculum. (Received September 15, 2008)