

1145-AC-1357 **Natasha Speer*** (speer@math.umaine.edu). *Selecting and Creating Mathematical Tasks to Promote Student Engagement.*

The mathematical tasks that instructors choose have a significant influence on the learning opportunities provided to their students. The education research community has amassed important findings about the characteristics of tasks that promote and inhibit student engagement and learning. In addition, researchers have documented various ways that instructors reduce and enhance the difficulty level of tasks both intentionally and unintentionally. In this presentation, findings from this area of research will be presented along with examples to illustrate how instructors can use these findings when selecting and creating mathematical tasks for their students. (Received September 21, 2018)