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**M. Kathleen Heid\*** ([mkh2@email.psu.edu](mailto:mkh2@email.psu.edu)), Department of Curriculum and Instruction, Penn State University, University Park, PA 16802. *Developing a Framework for the Mathematical Knowledge for Teaching Secondary Mathematics.*

We will discuss our work in developing a framework for the Mathematical Knowledge for Teaching Secondary Mathematics. This is a practice-based attempt to think about the ways that a secondary teacher needs to understand mathematics. We see this work as important to the dialogue between mathematicians and mathematics educators regarding how teachers could draw on their mathematical knowledge in the course of their practice. (Received January 26, 2010)