Comparative Study of Middle School Math Teachers' PCK between the U.S. and China
Zhaochen Song

Abstract: This talk explores the difference and possible comparison in pedagogical content knowledge (PCK) and cultural beliefs towards teaching of middle school mathematics teachers in the U.S. and China. I will be talking about the motivation, research questions, and theoretical framework of this study along with the literature in the field. Part of the data collected from China will also be used in this talk for some preliminary result.

Statistical Practices in Professional Settings
Layla Guyot

Abstract: The transition from learning statistics in academic settings to practicing statistics in professional settings is challenging. Professional statisticians are developing statistical reasoning and practices that grow out of experience. In this talk I will discuss how we could explore what practices statisticians are performing in professional settings and the importance of giving opportunities for students to have authentic experiences of statistics in academic settings.

Zhaochen Song is a doctoral student in Mathematics Education at Texas State University. He is interested in cultural comparison of systems of mathematics education, particularly pedagogical content knowledge and the comparison of cultural beliefs between the U.S. and China. Layla Guyot is a third-year PhD student in Mathematics Education at Texas State University with interests in Statistics Education, in particular how to bridge the gap between statistics taught at school and statistics used in professional settings.

Next Friday Nov 3: Dr. Eva Thanheiser, Portland State University