

1106-K5-2370 **Karolyne Fogel*** (kfogel@callutheran.edu) and **Nathan Carlson**. *Pre-service teachers views of the Standards of Mathematical Practice vs. the Content Standards*. Preliminary report.

CLU requires undergraduate pre-service elementary teachers to take a course on the underlying concepts of arithmetic. Beginning in Spring 2011, shortly after California adopted the Mathematics Common Core State Standards, students in this course were assigned short answer essay questions regarding the differences between the Standards of Mathematical Practice and the Math Content Standards. We analyze data from these student responses over the past four years to determine common student interpretations and misinterpretations of the Standards of Mathematical Practice. Additionally, we summarize their responses when asked which Standard of Mathematical Practice they were most surprised to find on the list. (Received September 16, 2014)