Assessment of Pedagogical Content Knowledge Aligned with Common Core Standards for Pre-Student Teachers.

During the 2011-2012 school year we collaborated with 16 in-service math teachers from 12 different school districts on a project to assess the pedagogical content knowledge of our pre-student teachers at UW-River Falls and UW-Eau Claire. Each in-service teacher was paired with a pre-student teacher enrolled in our Math Block. Pre-student teachers were assigned a week long unit that they would create, implement, and assess while working with their in-service teacher.

In-service teachers were trained to use a STACK instrument, which was developed as part of a previous project, to evaluate the pre-student teacher when the lessons were taught. The instrument evaluates teaching over three areas: content accuracy, pedagogical content knowledge of teaching and learning, and pedagogical content knowledge of assessment. Pre-student teachers were given a choice of 15 different elements which they wanted to be evaluated on in each of the lessons. Pre and Post conferences were integrated into the process.

At the end of the semester the in-service teachers shared with us their experiences working with the pre-student teachers. Reliability of the STACK instrument was evaluated by the group through watching videos of some of the pre-student lessons. (Received September 10, 2012)