Abstract: Dr. Linda Griffith and Dr. Jean McGehee have collaborated in the study of Professional Development and Curriculum Alignment (PDCA) since 1997. Their interests have been in studying the impact of PDCA on teacher practice and student achievement. They have applied an evolving model of PD in several grant projects including No Child Left Behind grants and Math Science Partnership grants. This presentation will give an overview of their work with an emphasis on the latest version of the PD model and teacher implementation of the Common Core Curriculum.