Examining Math-Educators Preparation CAEP’s first Standard and CCSS for Math Practice.

Newly formed CAEP – “The Council for the Accreditation of Educator Preparation”, will ensure that educator preparation providers (EPPs) prepare and graduate future teachers who know the content of the subject(s) they will teach, know how to teach that content effectively to students from diverse groups, and demonstrate their positive impact on P-12 student learning in diverse school settings. Accordingly, keeping in view the pedagogical aspects of knowing how to teach students mathematics, the coherence of CAEP’s first Standard of educator preparation has been cross examined in this presentation, with the Common Core State Standards Mathematics Practice (CCSSMP) 1 to 8, and discussion is limited to the secondary mathematics content and teacher preparation level. Furthermore, the CCSSMP 1-8 content standards which set an expectation of mathematics instructional and conceptual understanding are potential ‘points of intersection’ of the Standards for Mathematical Content, Standards for Mathematical Practice, and CAEP’s first standard. The presenters will also discuss the necessity to qualitatively improve the instruction and professional development practices that merits the time, resources, and new energies invested in mathematics educator’s preparation programs. (Received September 10, 2013)