

1077-97-1542 **Sybilla Beckmann*** (sybilla@math.uga.edu), Department of Mathematics, Boyd Graduate Studies Building, University of Georgia, Athens, GA 30602. *The Mathematical Education of Teachers II and Progressions for the Common Core State Standards for Mathematics*. Preliminary report.

This presentation will describe two projects that can inform professional development programs for teachers. Both projects intend to support the successful implementation of the Common Core State Standards for Mathematics (CCSSM).

The Mathematical Education of Teachers II is a revision of the CBMS publication of about a decade ago that made recommendations on the experiences needed to prepare and develop teachers and on the participation of mathematicians. Revisions take the CCSSM into account, including the Standards for Mathematical Practice, and have been informed by feedback from various groups.

The Progressions Project is developing progressions for each of the domains within the CCSSM. In fact, early drafts of progressions were the basis for the CCSSM. Each progression describes how mathematical ideas develop across grade levels. Portions of several progressions will be presented. Progressions can be used in professional development with groups of teachers. (Received September 20, 2011)