How Mathematics Departments and Schools of Education must collaborate to prepare future teachers for the new certification assessments and for successfully teaching Common Core State Standards.

Mathematics departments are faced with new commitments as more emphasis is being placed on teachers being fully prepared in both mathematics and mathematical pedagogy to teach the Common Core State Standards. Assessments for both teacher candidates and K-12 students have changed radically in recent years. With content tests now prevalent for teacher certification and edTPA – a “multiple-measure assessment system aligned to state and national standards including Common Core State Standards and the Interstate Teacher Assessment and Support Consortium (InTASC)” adopted at different levels by institutions in 35 states and the District of Columbia, the role of mathematics departments in teacher education has become more critical. This presentation focuses on the preparation and collaboration between mathematics and programs for teacher education necessary to meet these new requirements. The presenter who holds dual appointment as Professor of Mathematics in the School of Arts and Sciences, and Professor of Education in the School of Education brings a unique prospective to the role that each department must play in the development of future teachers who are ready to teach school mathematics. (Received September 23, 2015)