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Stuart Boersma* (boersmas@cwu.edu), Department of Mathematics, Central Washington University, 400 E University Way, Ellensburg, WA 98926, and **Aaron Montgomery**. *Transition Mathematics: A Professional Learning Community Approach*.

In 2006, a professional learning community comprised of teachers from high school, two-year, and four-year colleges was formed to investigate numerous issues associated with the transition from high school to college level mathematics in rural Washington. Over the course of three years the PLC examined curriculum alignment, studied college placement procedures, developed a new senior level high school course, and hosted professional development opportunities. This paper will present details on the formation of the PLC and the changes made at both the high school and college level to help student with the transition to college level mathematics. (Received September 13, 2009)