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Building and Sustaining Communities of Mathematicians and Teachers.

Using examples from several professional experiences, I will comment on the components of the effective collaborations among mathematics educators, teachers, and mathematicians. Drawing on my experiences as a participant in the "Common Ground effort, as leader of a large mathematics and science partnership, and as chair of the committees that developed new K-12 mathematics expectations and standards in Michigan, I will point to the challenges, complexities, and importance of building and sustaining communities of mathematicians, teachers, and mathematics. I will make a case for why such collaborations are essential, in my view, for the improvement of mathematics teaching and learning. (Received September 26, 2006)