1011-97-294 **Kristin L. Umland\*** (umland@math.unm.edu), Dept. of Mathematics and Statistics, University of New Mexico, Albuquerque, NM 87131. In Polya's words: "The student shall have a reasonable share of the work".

In this talk I will discuss how a deep commitment to helping teachers learn mathematics content (with an open mind) has provided a profound opportunity to change their—and our—ideas about effective mathematics teaching. (Received August 30, 2005)