

1099-97-404

Diana White* (diana.white@ucdenver.edu). *What knowledge do mathematicians need to contribute to K12 education?*

The Common Core State Standards are proving a once in a generation opportunity for those involved with K12 mathematics education. With our deep disciplinary content knowledge and our responsibility for the bulk of the mathematics content that future teachers learn, mathematicians can play a prominent role in this. However, we have only one piece of the puzzle, making partnerships important. In this talk, we investigate some of the other knowledge that mathematicians need to know to contribute effectively to K12 mathematics education, where they might gain such knowledge, and how we might support them in their efforts. (Received February 12, 2014)