Michael Nakamaye* (nakamaye@math.unm.edu). *Opportunities for mathematicians to work with K-12 teachers.

Over the past decade I have had many opportunities to be involved in the professional development of elementary, middle school, and high school teachers. These include

a. teaching university courses for future teachers,

b. teaching with Intel Math,

c. working on a state funded MSP program,

d. running a local Math Teachers’ Circle,

e. writing tasks (and helping others to write tasks) for Illustrative Mathematics.

I would like to share with others some of what I have learned (and ways in which I have grown) from these different endeavors. With so many different ways to contribute, there is a good place for all mathematicians who wish to learn more about K-12 education. Like every other important endeavor, success is not easy to find or quantify but the rewards of becoming involved are very tangible. (Received September 02, 2012)