

1046-R1-1295      **Katherine J. Mawhinney\*** (mawhinneykj@appstate.edu), 330 Walker Hall, 121 Bodenheimer Dr., Boone, NC 28608. *Contributing to the Professional Development of K-12 Mathematics Teachers.*

There are many ways in which mathematicians may support their K-12 colleagues in mathematics education. The North Carolina Teaching Excellence and Mathematics II, Partners, and Teacher Algebra Network projects offer three very effective, yet different examples of teacher professional development that include efforts of mathematicians. Topics discussed in this session will include details of these projects' structure, but will focus on the roles STEM faculty played in these efforts. Some of the responsibilities of STEM faculty include advising project direction, creating and delivering professional development, and co-authoring professional development with K-12 teachers. (Received September 15, 2008)