

FACULTY GRANTS COMMITTEE REPORT FORM

Name: Cynthia E. Taylor

Department: Mathematics

Title of Grant: Actions Mathematics Teacher Educator Use to Improve Prospective Teachers' Pedagogical Content Knowledge

Date of Award (e.g. Fall 1998): Fall 2013

Category of Award (e.g. Released-time): 3-Credit Course Release Grant

REPORT:

Due to the support of a 3-credit course release from the Faculty Grants Committee (awarded Fall 2013) for the spring 2015 semester, I was able to continue to expand my scholarship agenda by researching mathematics teacher educator actions by studying more experienced mathematics teacher educators. The analysis that I completed this semester has also made a great impact on my classroom teaching. There were several times where I watched a video of a teacher educator teaching the *exact same* content I was planning to teach either the next class period or the next week. This analysis was very timely and had I not been granted a 3-credit course release, the videos/data still would not be reviewed/analyzed. The 3-credit course release this semester enabled me to: (a) analyze nearly 60+ hours of video data I collected prior to the semester, (b) engage in 4+ hours of scheduled research meetings with colleagues from other universities (The Ohio State University, Iowa State University, and South Carolina University) to collaborate on research findings, (c) prepare three conference proposals (two of which have been accepted), and (d) begin to outline a manuscript to be submitted for publication to the International Mathematics Education Research Journal (MERJ). Video analysis continues to be ongoing, but analysis thus far will be shared with the international mathematics education research community at the International Conference of the Psychology of Mathematics Education in Hobart, Australia this August and the North American Chapter of the Psychology of Mathematics Education in November in Lansing, Michigan. I will continue to work with my research partners researching the practices of Mathematics Teacher Educators as it is a valuable piece of work and the issue of sharing teacher educator practice is indeed under-researched and an important area of study. Thank you again for the award of a 3-credit course release grant.