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Daniel L McGee* (mcgeed4@nku.edu), Kentucky Center for Mathematics, MEP-475, Northern Kentucky University, Highland Heights, KY 41099. *Using Collaboration to Fulfill Needs: An Opportunistic Approach to Teacher Preparation.*

The presentation will begin by describing a fully opportunistic collaboration conducted at the University of Puerto Rico (UPR). Several math professors were interested in flipped classrooms however excessive class sizes due to budget cuts discouraged them. Meanwhile, math educators wished to provide direct experience with innovative pedagogy to pre-service teachers but found that the dynamics of practice teaching at most local schools did not permit it. Using pre-service teachers as teacher's aides in flipped classrooms with various administrative incentives for all parties involved provided a solution. The implementation of the CCSSI in Kentucky has presented new opportunities for collaboration with administrators and teachers seeking an optimal implementation. The presentation will continue with an overview of various successful collaborations associated with the CCSSI, organized by the Kentucky Center for Mathematics, that use this same "work imbedded", "collaborations to fulfill needs" approach. It will conclude with a "nuts and bolts" perspective on how these collaborations were organized and made effective. (Received August 11, 2013)