

1046-R1-181      **Kirsten Fleming\*** (flemingk@nku.eduMCKRXN), 504 Johns Hill Road, Northern Kentucky University, Highland Heights, KY 41099. *The Kentucky Center for Mathematics.*

The Kentucky Center for Mathematics (KCM) is a statewide center housed at Northern Kentucky University. The goals of the KCM are to enhance the teaching and learning of mathematics in the Commonwealth of Kentucky. A strategy for accomplishing these goals is to provide teachers with research-based professional development programs. To this end, the KCM coordinates professional development programs in diagnostic intervention for K-3 teachers and in mathematics coaching for K-12 teachers. The structure of these programs will be discussed. An extensive evaluation of the effects of these programs is being undertaken: results of this evaluation will be used to discuss the positive impact of these programs on teachers and students. The steps that are being taken to ensure the sustainability of these programs will also be addressed. (Received August 13, 2008)