

1086-97-1999 **W. James Lewis*** (jlewis@math.unl.edu), Department of Mathematics, University of Nebraska-Lincoln, Lincoln, NE 68588-0130. *NebraskaMATH: Building partnerships to strengthen mathematics teaching and learning in Nebraska*. Preliminary report.

NSF's Math Science Partnerships program offers opportunities for mathematicians to assume significant roles focused on the mathematical education of teachers. Because the work is interdisciplinary, a successful MSP requires forming partnerships with colleagues in other departments and partnerships between the K-12 community and the higher education community. At the University of Nebraska-Lincoln, we have been fortunate to have two NSF funded Math Science Partnerships (Math in the Middle and NebraskaMATH) and one NSF funded Noyce grant that support such partnerships. We will discuss how these partnerships were developed and the benefits to faculty and graduate students in the Department of Mathematics. (Received September 24, 2012)