

1014-Y3-1660 **David Finston*** (dfinston@nmsu.edu), Department of Mathematical Sciences, New Mexico State University, P.O. Box 30001, Department 3MB, Las Cruces, NM 88003-8001. *Minority Doctorates in Mathematics and the Pipeline.*

New Mexico State University (NMSU) is the land grant university of New Mexico and is a federally designated Hispanic Serving Institution. In 2000 the Department of Mathematical Sciences entered into an agreement with the Sloan Foundation for support of our efforts to increase the numbers of minority students earning the doctorate in mathematics. Our efforts have had mixed success. I will formulate and discuss some conjectures to explain them, e.g. we are small for a land grant institution, but the department has chosen to strive for the broadest representation of mathematical areas possible. I will also discuss new departmental programs aimed at the pipeline from middle school through graduate school. (Received September 28, 2005)