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James Fey* (jf7@umail.umd.edu), Professor James Fey, Department of Mathematics, University of Maryland, College Park, College Park, MD 20742, and **Eric Robinson** (robinson@ithaca.edu), Professor Eric Robinson, Department of Mathematics and CS, Ithaca College, Ithaca, NY 14850. *Improving Secondary School Mathematics with NSF-funded Curricula: What Are They Trying to Accomplish?*

As an introduction to several MER sessions dealing with high school mathematics, this talk will focus on models of new high school mathematics curricula that are being implemented across the country and that impact what students learn, how they learn it, how they use technology and how they are assessed. An overview of the general design of these programs as well as underlying reasons for changing high school mathematics education will be discussed. (Received September 26, 2000)