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*A Model Teacher-Scholar Program in Mathematics*. Preliminary report.

We give a (preliminary) report on the development, implementation and evaluation of a model teacher-scholar program in secondary mathematics. The yearlong program consists of two junior/senior level research capstone courses. In the first course, *Introduction to Research in Mathematics* (offered in the spring), students explore several research topics (from the instructor's main research interest/expertise areas) with emphasis on experimentation, conjecture, careful justification, and clear, precise reporting. The second course, *Research in Mathematics II* (offered in the fall), places emphasis on further examination of specific research topics and on writing and disseminating results.

The main objective of the program is to graduate teacher-scholars. *Teacher-Scholars* are highly qualified teachers who have experienced scholarship in mathematics in a setting that emphasizes the interconnections among theory, procedures and applications and who "develop habits of mind of a mathematical thinker" (CBMS, 2001).

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