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Katherine G McGivney* (kgmcgi@ship.edu), Math and Computer Science Dept., Shippensburg University, Shippensburg, PA 17257. *Project T.E.A.M.: A Professional Development Opportunity for Mathematics Teachers, Mathematicians, and Mathematics Educators*. Preliminary report.

For the past three summers mathematicians, mathematics educators, and middle/high school mathematics teachers have worked collaboratively in Project T.E.A.M. (Technology, Explorations, Applications, Modeling)-a two-week residential math program for two hundred rising 9th and 10th graders in the state of Connecticut. One of the many benefits of this program is that participating middle/high teachers have the opportunity to learn new mathematics. Through their participation in T.E.A.M. they are able to develop a deeper understanding of topics (such as probability, statistics, and mathematical modeling) and return to their classrooms with new ideas and activities. University faculty also benefit from Project T.E.A.M. This program provides an opportunity for mathematicians and mathematics educators to learn more about the nature of middle/high school mathematics teaching, which can be incorporated into their own mathematics content courses for pre-service teachers. In this talk we will provide an overview of the program and show how this collaborative effort has impacted math teachers as well as university mathematicians and mathematics educators. (Received September 14, 2000)