

**Meeting:** 1003, Atlanta, Georgia, MAA CP G1, MAA Session on Drawing on Our Students' Thinking to Improve the Mathematical Education of Teachers

1003-G1-410      **Daniel Chazan** and **Sarah Sword\*** (sword@umd.edu), 2226 Benjamin Building, University of Maryland, College Park, MD 20742. *An Experimental Class for Prospective Mathematics Educators*. Preliminary report.

We take it as a starting assumption that it is important for mathematics educators to have deep understandings of the mathematics that they will teach and that they will help others prepare to teach; however, with the range of responsibilities in an academic position in a College of Education, few mathematics educators have opportunities to continue their study of mathematics formally throughout their professional lives. We describe one course designed to help Ph.D. students in mathematics education develop strategies for continued life-long learning of mathematics, particularly of mathematics related to their professional work. (Received September 14, 2004)