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**Linda McGuire\*** ([lindamcguire@muhlenberg.edu](mailto:lindamcguire@muhlenberg.edu)), Department of Mathematics & Computer Science, Muhlenberg College, Allentown, PA 18104. *Understanding Mathematics using Historical, Cultural, and Sociological Perspectives from Feminist Theory*. Preliminary report.

This presentation will detail a general-education course designed to analyze and discuss women's contributions to mathematical and scientific knowledge, history, society and culture, both in American society and globally. How have women served both as subject to and producers of mathematical and scientific research? What contributions have they made to such fields? What role has gender played in the history of mathematics and science? What has the influence of feminism been on the ways we analyze and think about the practice, theories, and history of mathematics and science? This seminar class explored answers to these questions through an examination of social, political and mathematical/scientific influences as suggested by a series of thematic readings grouped into categories: the history of women in math and science, the scientific construction of gender, and the gendered construction of science (and scientists). The presentation will highlight the construction of the course, its relationship to a theatre course it was "linked" to, student assignments and assessment, and, most importantly, how students successfully integrated the study of mathematics with the study of feminist theory. (Received July 24, 2017)