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**Linda McGuire\*** (lmcguire@muhlenberg.edu), Department of Mathematics & Computer Science, Muhlenberg College, Allentown, PA 18104. *Putting It Together: An Effective Assignment Model for Upper-division Mathematics Students*. Preliminary report.

The type of assignment that I would like to share in this session is used within the context of studying mathematical history. The 300-level course in question (Landmarks of Mathematics) offers an advanced-level introduction to the development of mathematics from antiquity to the present. An emphasis is placed on the understanding of mathematical developments in broader historical and cultural context.

Small groups of students are given readings from different parts of mathematical history to analyze and are asked to present both cultural context and the underlying mathematics to the rest of the class. Groups share their analyses by leading class sessions using oral presentation and student-authored problem sets.

My presentation will highlight the assignments given, show several samples of student work, discuss assessment techniques used, and share with the audience the positive evidence that these assignments helped students to improve their individual skills with regard to technical reading, mathematical presentation, research methods, and problem-solving. (Received August 18, 2016)