

1116-E1-1840 **Cheryl J. McAllister*** (cjmcallister@semo.edu), Southeast Missouri State University, Math Department, MS6700, Cape Girardeau, MO 63701, and **Craig W. Roberts** (croberts@semo.edu), Southeast Missouri State University, Math Department, MS6700, Cape Girardeau, MO 63701. *Recycling the Book: Adventures (and Misadventures) in Transforming an Undergraduate History of Math Class Using OER*. Preliminary report.

The presenters will discuss their experiences with converting and reorganizing a History of Mathematics class from dependence on a single, traditional text to a course utilizing OER. The planning and testing of one unit for the class will happen during the Fall 2015 semester and full implementation to the OER format will occur in the Spring 2016 semester. The History of Mathematics course is taken by a variety of math majors, education majors, and any interested student who has had at least a course in Applied Calculus. The course is taught using distance learning technology with the instructor and some students in one classroom and students from (up to three) additional campuses joining the class via closed circuit television. The goals for this revision of the class include providing learners with a wide variety of multimedia resources for learning content, an opportunity for students to have virtual access to primary sources, encouraging students to interact with a variety of classical texts and resources, and enriching and enhancing the discussion that takes place during class meetings. (Received September 21, 2015)