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Patricia Baggett* (baggett@nmsu.edu), Dept. of Math Sciences, MSC 3MB PO Box 30001, New Mexico State University, Las Cruces, NM 88003-8001, and **Andrzej Ehrenfeucht** (andrzej@cs.colorado.edu), Computer Science Dept, University of Colorado, Engineering Center, Boulder, CO 80309. *A Graduate IBL Course in the History of Mathematics Education.*

We offer a one-semester graduate mathematics course at New Mexico State University, History and theories of mathematics education. It is a history course that differs from others typically offered in that students produce most of the research themselves. The course has three components. Students first choose an antiquarian mathematics text (from a private collection, Google Books, etc.) and give a thorough 30-minute report on it to the class. They read articles dealing with history and theories of math education and turn in answers to questions provided by the instructor. Finally, with help from the instructor, they come up with a research question in the history of mathematics education that they attempt to answer based on original sources, and present their research in a 15-20 minute talk at a mini-conference open to all faculty and students. We will describe the structure of the course, the students' opinions of it, and some of the research topics that have been developed into single-author presentations at national mathematics conferences (7) or published articles (2). (Received September 08, 2016)