

high volume tests to assess the success and failure of the course. It focuses the challenge associated with interpreting data relative to issues of equity and distribution. It suggests that the statistics education community would best prepare to take on these challenges and would prepare stronger statistics education. K. E. Langley & J. Long. In the development of a statistical model requires teachers to not only know the concepts and procedures of statistics, but to experience statistical inquiry as a means to address complex and often multi-dimensional issues that are meaningful to them. Only with this type of experience will teachers come to understand that this type of quantitative reasoning is fundamental important to their students. They will learn to recognize that data that is supported by statistical evidence and involves preliminary conclusions, based on available information and confirmed by quality, and analyzed over time. The research reported in the success of the Writing Project, which engages teachers in writing in order to strengthen their instructional capabilities in the teaching of mathematics area, we propose that, likewise, engaging teachers in the analysis of data from high volume tests would provide them an authentic experience in statistical reasoning that would ultimately be significantly stronger than the first application of this research program, in a course we co-developed for pre-service teachers. Building from the analysis, understanding and development of new courses called "The Science and Politics of Teaching" for undergraduates, postgraduates, and graduate students in education. 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