1116-P5-1104   **Lina Wu*** (`lwu@bmcc.cuny.edu`), 529 West 42nd Street Apt. 5K, New York, NY 10036, and **Wenyi Lu**. *Enhancing Students' Quantitative Literacy and Reasoning Skills in Statistical Thinking by Projects.* Preliminary report.

The presenter is interested in incorporating projects in teaching to enhance students' ability of quantitative literacy as well as quantitative reasoning skills in statistics. During the sequence of pilot statistics courses from 2012 to 2015 at Borough of Manhattan Community College-The City University of New York, the presenter designed a series of projects in statistics especially for the subject of hypothesis testing to facilitate students' learning. By working on projects in the pilot courses, students would be expected to improve their decision-making skills based on data as evidence when they are surrounded by numerical information in the current data-driven society. This new approach of teaching will closely correlate learning of statistical techniques with practicing of real-life projects. It can bring interests and excitements to ignite students' learning desires. Results of students' performance in pre-tests and post-tests will be compared and analyzed at the end of this presentation. This sequence of pilot courses from 2012 to 2015 was supported by the program of "Quantitative Reasoning across Curriculum" at Borough of Manhattan Community College joint with CUNY Graduate Center. (Received September 17, 2015)