

1145-L1-2982

Jean Richard* (jrichard@bmcc.cuny.edu), 552 Parkside av apt D4, Brooklyn, NY 11226, and **Ke Xin, Bernard Beecher, Luio Prado, Shahin Uddin** and **Daniela Bardac-Vlada**. *The evolution of an introductory Statistics course with Algebra for non-Stem majors.*

This presentation describes the challenges encountered in a Statistics course with Algebra created for non-STEM related fields and the methods used to face these challenges. In most community colleges across the United States, students must be exempt from remedial algebra before registering for an introductory statistics course. Since students cannot successfully complete the remedial algebra course, we proposed that concepts of elementary algebra be embedded in a traditional introductory statistics course, allowing students to fulfill the remedial course in the same semester and receive college credit for statistics. Due to the course's success, we had increased the number of sections and were faced with several challenges. Our talk will cover how we are experimenting with an Open Educational Resources textbook, and an online homework platform that we created. We will also describe the model workshops, used to train professors on how to teach the course, and the model of Supplemental Instruction (SI) leaders in the classrooms. (Received September 26, 2018)