

1077-E5-2074 **Magdalena Luca***, 179 Longwood Avenue, Boston, MA 02115. *New Trends in Teaching an Introductory Biostatistics Course.*

This presentation will address innovative teaching methods used in an introductory biostatistics course for students enrolled in pharmacy and health sciences programs. In all the programs offered at the college, statistical literacy is absolutely essential in our students' understanding of drug development and administration, appropriate use of statistical methods in research literature, and in everyday life. Newly introduced teaching methods include the extensive use of "statistical applications" on TI84 calculators; "clickers" for assessing students' understanding and knowledge of newly introduced topics, but, more importantly, for stimulating discussion and communication in class; "scientific writing" for developing students' communication skills. While presenting these techniques, I will clearly identify the statistical topics that are eliminated from the course in order to be able to emphasize topics that are very important in making our course successful. (Received September 21, 2011)