

1096-VP-2122 **Daniel J. Ghezzi*** (danielghezzi@kings.edu). *Effective use of Chi-square Procedures in an Introductory Statistics Course.*

One of the primary challenges in teaching a one semester introductory statistics course is having sufficient time to effectively teach the many statistical inference procedures required in the course. The enrollment in these courses is mainly first or second year students. Thus, the many lectures devoted to studying descriptive statistics, probability, and sampling distributions ultimately lead to a less than desirable amount of time for the main topics of the course - Hypothesis Testing and Confidence Intervals. In this talk I will demonstrate how instructors can free up one to two lectures by effectively adopting Chi-square procedures for use in the one and two population categorical variable(s) problems. (Received September 17, 2013)