

1135-I1-1651

Uma Ravat*, ravat1@illinois.edu. *Strategies for finding and incorporating projects from BIG in an undergraduate classroom.*

This talk will draw from the authors' experiences being a faculty participant in the PICMath (Preparation for Industrial Careers in Mathematical Sciences) program over the past two years. As part of the PIC Math program, we developed an industry collaboration course for undergraduates. In this course students worked in small groups to model and solve a problem of current interest to the industry sponsors. In this talk, we will discuss strategies for finding projects in BIG, tips on choosing projects and adapting them for incorporating in an undergraduate statistics classroom. We will also give a brief overview of projects undertaken and project outcomes, student reflections on completing the course and faculty and department reflections on the course and industry sponsor reflections. (Received September 24, 2017)