James S Rolf* (jim.rolf@yale.edu), Brett Smith and Sarah Vigliotta. Flipping an Integral Calculus Course with Multiple Instructors. Preliminary report.

Yale begin flipping Integral Calculus in the fall of 2013. Currently, all instructors of this course utilize the same preclass materials in a coordinated course format. We report on the structure of our implementation, the challenges and successes of involving multiple instructors (including new instructors with little teaching experience) into a coordinated course environment using the same pre-class video and quizzing content to flip the course. We also report on student performance in the course, attitudes from student surveys and focus groups, and analysis of the downstream impact of this experience on students as they take other mathematics courses. (Received September 26, 2017)