1125-P5-1824 Audrey Malagon (amalagon@vwc.edu), Lydia Kennedy* and Kristin Burney. Real time modeling illuminates mixing problems.

Using powdered drink mix and stacked beverage dispensers, our students actually experience the mixing problems that are such standard fare in ODE courses. This seems to help them internalize the concepts to the extent that they perform better than previously on subsequent conceptual problems like multiple tanks and lake pollution. (Received September 19, 2016)