

1125-A5-2507 **Sara L Malec*** (malec@hood.edu), 401 Rosemont Ave, Frederick, MD 21702. *Problem Exists Between Keyboard and Chair: Filling in the Gaps in Online Homework*. Preliminary report.

Online homework systems have become ubiquitous in college classes, but sometimes they encourage maladaptive behavior in students that impedes learning. This paper explores a way to assign supplementary assignments that encourage a deeper relationship with mathematical ideas without creating a large amount of grading, and gives statistically significant evidence of the effectiveness of these assignments on final exam performance. (Received September 20, 2016)