

1125-H1-1789 **Kathy W Hoke** and **Lauren Keough*** (keoulaur@gvsu.edu). *Raising Awareness of Social Justice Issues in Calculus I: How to Get Started*. Preliminary report.

We will present our first-time experiences at Grand Valley State (a public regional comprehensive university) and University of Richmond (a private liberal arts college) including data related to a topic in social justice in a standard Calculus I course. At University of Richmond, we chose eviction data in order to tie in with the One Book, One Campus choice for the year. At Grand Valley State we used data on the US correctional population. In both cases, we incorporated real data to reinforce calculus concepts of average rate of change, tangent line approximation, relationship between the graphs of a function and its derivative, and numerical integration, while simultaneously raising awareness of the social justice issues. We will share materials as well as discuss pedagogical issues that arose in our first attempt to bring a relevant societal issue related to equity and fairness into a calculus classroom. (Received September 19, 2016)