

1154-G1-231 **Victor I. Piercey*** (victorpiercey@ferris.edu). *A Hurricane Katrina Case Study: Integrating Social Justice, Health Care, and Business through Mathematics*. Preliminary report.

Ferris State University ran an interdisciplinary faculty learning community in which mathematics was integrated with the curriculum in business, social work, and nursing. The resulting products were infused into a mathematics course for students in these majors as well as into the courses in the programs themselves. In this talk, we will share an example of a product: a case study on Hurricane Katrina. Along the way, we will discuss the processes within the faculty learning community that led to the result as well as student impact. (Received August 26, 2019)