

1086-P1-2960      **Ray E. Collings\*** ([ray.collings@gpc.edu](mailto:ray.collings@gpc.edu)), Georgia Perimeter College, Department of Math, Comp. Sci, Engineering, 555 North Indian Creek Drive, Clarkston, GA 30021. *Project Infinity, A Preliminary Report.*

Our use of infinity in the mathematics classrooms of freshman and sophomore is confusing and frustrating to many of our college students at Georgia Perimeter College. A 1-year STEM mini-grant project is underway to improve instruction involving infinity in such applications as asymptotes, limits, Riemann sums, and series representations of functions. Preliminary results from the Fall Semester 2012 will be presented, including work gathered with students using i-Pads and the Note Taker HD. (Received September 26, 2012)