

1154-N1-2479      **Mary Nelson\*** (mnelso15@gmu.edu), Department of Mathematical Sciences, MSN 3F2, George Mason University, Fairfax, VA 22030\*4444, and **Robert Sachs** (rsachs@gmu.edu) and **Joanna Jauchen** (jjauchen@gmu.edu). *Re-envisioning Calculus with Constraints: A Diverse Research State University's Ongoing Work.*

Currently, 70-80% of our Calculus I students have had some calculus before entering our course (in line with MAA Calculus Study figure for a Research University). This often causes anxiety among the other students. For students from urban and rural schools, calculus in high school was often not available. We have set in place several alternative routes to help more students succeed in Calculus I, thus opening the possibility of STEM majors even for at-risk students. These include: a summer preview, a two-semester Calculus I course, revised active learning recitations, a pathway for students who earned an AP3, and a variety of support mechanisms. We do have a large transfer population so we are not changing content within the sequence. (Received September 17, 2019)