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Brooke Brown* (brown.brooke.m@gmail.com), **Howard Bartels** and **Allyson Hallman-Thrasher**. *Who is successful in IBL Calculus and how does IBL support student success?*

Students in non-mathematics-intensive majors are often expected to struggle in calculus due to poor background knowledge, dislike of mathematics, or the lack of a need to be prepared for follow-up mathematics courses. We will discuss the performance and gains in affective domains of non-mathematics-intensive majors enrolled in an inquiry-based learning (IBL) Calculus I course. We will share what features of the IBL structure students with non-mathematics-intensive majors reported as being beneficial. (Received September 15, 2020)