Robert W. Vallin* (robert.vallin@sru.edu), Department of Mathematics, 200 Vincent Science Center, Slippery Rock, PA 16057. *Gently Introducing IBL in Advanced Calculus.

Many potential users of Inquiry-Based Learning are unsure as they desire to not completely convert the class over. Instead they desire a way to make only part of the class IBL. A couple of years ago, I got the chance to run such a hybrid class when I was given the second semester of our Advanced Calculus sequence while not having taught the first. The students’ first semester was the usual lecture/homework model, not one that I wanted to continue. My desire was to have them work on atypical problems and develop their ability to create counterexamples and communicate mathematics. However, I did not want the transition to my style to be too abrupt. So I developed our Presentation Fridays. Monday and Wednesday the professor lectures as usual and we followed the prescribed text. On Friday the students themselves did the presenting, solving exercises designed to expand their collection of examples and to extend the topics beyond just what was in the book. In this talk I will introduce the circumstances of the class, show a wide selection of the problems/examples from class, and share some students comments on Presentation Fridays. (Received September 12, 2013)