Wilson: Promoting Critical Thinking in General Biology Courses. point out that when I was a freshman, I had to look up this information in my biology book rather than simply on my phone. I then discuss with my students that in our class we will be memorizing facts and learning about biological processes, but I want them to be able to think critically about the subjects we are learning, and I want them to be able to apply this material to their lives. Community-based inquiry improves critical thinking in general education biology. CBE-Life Sciences Education, 7(3), 327-337. Van Gelder, T. (2005). Improving critical thinking skills of college students through RMS model for learning basic concepts in science. Asia-Pacific Forum on Science Learning and Teaching, 17(1), [12]. Mutlu, A., & Acar-Şeşen, B. (2018). Community-based inquiry improves critical thinking in general education biology. CBE Life Sciences Education, 7, 327–337. Rissing, S. W., & Cogan, J. G. (2009). improve student critical thinking in general education biology courses compared with traditionally taught sections of the same course using the valid and reliable California Crit could elicit greater gains in critical thinking than traditional. lecture/laboratory instruction in general education biology. courses. The CBI group showed the only significant change.