**Summer 2017 Research.** We will be continuing research from previous summers in any/all of the following (very different) areas of interest to participants: Assessment of a "gamified" fifth grade classroom system, with particular emphasis on students' mathematical risk behaviors' and probabilistic reasoning; Deeper study of a math-centric partnership between Cal Poly and a partner high school, with emphasis on students connections across physics, math, and engineering; Case-study work on problem posing and the effects of a variety of questioning techniques on undergraduate mathematics and physics students; Construction of a video library of young students' mathematical thinking for use in the Liberal Studies sequence of math courses, with emphasis on using existing literature to drive the design of the video library. Student contributions would be welcome and very helpful in any or all of these areas, and interested students should also express which track of research is most interesting to them, when applying!