

1125-L1-3120      **Michael Dorff\*** (mdorff@math.byu.edu). *Students solving research problems from industry.*

PIC Math is a new program that prepares university mathematics students for careers in business, industry, and government. The main component of the program is a semester course. In this course the professor does little or no lecturing. Instead the professor guides the students as they work in groups on solving research problems from industry. For the course we provide sample syllabi, sample research problems from industry, sample student solutions to industrial research problems, and sample videos of student presenting their research. Also included in the PIC Math program are a 3-day summer training workshop for professors and an end-of-program conference at which the students present their research results. During this academic year there are 67 universities along with about 750 undergraduate students participating in PIC Math. (Received September 21, 2016)