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**Aihua Li\*** ([lia@mail.montclair.edu](mailto:lia@mail.montclair.edu)), Department of Mathematical Science, Montclair State University, 1 Normal Avenue, Montclair, NJ 07043. *Projects that Encourage Students to Talk and Write about Mathematics.*

In this talk, the author will present several sample student projects developed during her teaching career. These projects were designed to help students digest some difficult concepts and theorems in Abstract Algebra and Calculus. Discussion will address how to design a project such that it is attractive and approachable for students with various backgrounds. Through the projects students have improved the understanding of the mathematics concepts involved, raised their levels of confidence in solving mathematics problems, and developed more appreciation of mathematics. Involving students in such projects is an effective way to motivate them to discuss and write about mathematics. (Received September 26, 2006)