1125-13-1222   **Branden Stone*** (`bstone@adelphi.edu`). *Examples of Undergraduate Research in Commutative Algebra.* Preliminary report.

Introducing advanced research topics to undergraduate students can be a difficult task. In this talk, we will focus on two undergraduate projects that dealt with areas in commutative algebra; Boij-Söderberg theory and toric ideals. We will discuss how these topics were introduced, how the students progressed, and what results were obtained. (Received September 15, 2016)