

1145-B1-1947 **Jeffrey O Wand*** (jwand@csumb.edu). *A Course-Embedded Undergraduate Research Experience in a Linear Algebra/Differential equations course.* Preliminary report.

This talk will be part of a three talk series about implementing CURE-based projects into a set of math classes at CSUMB. A CURE (Course- Embedded Undergraduate Research Experience) is a project that gives students a taste of research inside the classroom. CURE's are well-defined and developed in many sciences, but they have not been fully fleshed out for mathematics (at least not that this author could find). Over the summer, we have worked on developing CURE's for certain prerequisite math courses in the hopes that any student who participates in our CURE's will gain the necessary background to take part in other research experiences. This talk is part of a series of talks that will specifically focus on a CURE implementation in a linear algebra and differential equation course. (Received September 24, 2018)