

1145-G5-1635 **Yanping Ma*** (yma@lmu.edu), 1 LMU Dr., University Hall STE 2700, Los Angeles, CA , and
Curtis Bennett (curtis.bennett@csulb.edu). *Incorporating relevant life science projects into
Calculus class: Michaelis - Menten Kinetics and more.*

To help the students understand the importance of Math, we designed several biology and chemistry related projects for our Calculus I for Life Science class. The problems include the derivation of the Michaelis - Menten Kinetics with actual experimental data, the analysis of the Mean Arterial Pressure, the use of Shock Index and Modified Shock index in triage measures, and more. In the talk, we will share some of these projects, and report on our findings from students' comments on the Michaelis-Menten Kinetics project. (Received September 23, 2018)