

# Grad Seminar

## 11/29/21



Join us on zoom Monday the 29th 6 pm!  
Guest speaker will be Artem Moskalenko

TITLE - Assessment of Academic Performance & Self-Belief in CSUCI Math Students

ABSTRACT - In recent years, interactive dashboards have been favored by organizations and individual researchers to explore and analyze large data. One such interactive platform, Tableau, is utilized in our work of analyzing academic trends across multiple demographics (with a focus on new freshman, transfer, and 1<sup>st</sup> generation students) within math course-enrolled students. Our data exploration via Tableau has specifically shed light on performance of remediation students after the implementation of remediation categories and the support program in Fall 2018. Additionally, Tableau has been used to visually interpret response distributions from a survey to CSUCI math students in Spring 2021. Past research has shown that students' self-belief in performance and understanding of the subject influences their overall anxiety toward math. Our survey focused on this self-belief and Tableau software identified student demographics at risk of low confidence / high anxiety in mathematics.