

1125-P5-2101      **Baoling Ma\*** (baoling.ma@millersville.edu). *Student-Centered Teaching Strategies in Ordinary Differential Equations.*

A number of student-centered teaching strategies were adopted during a one-semester course in ordinary differential equations which I taught in the fall of 2015 and spring of 2016. These strategies were welcomed and well-received by the students according to their feedback and performance. In this talk, I will share various approaches I have used in teaching the differential equations course, describe my experience of implementing them in and out of the classroom, introduce the foundations that inspired the activities, and analyze the correlation between students' performance and these strategies. I would be interested in hearing what student-centered strategies other colleagues have been using in teaching similar math courses. (Received September 19, 2016)