

1116-VR-2758 **Jesse W Johnson*** (jwjohnson@westfield.ma.edu), Westfield State University, Department of Mathematics, 577 Western Ave., Westfield, MA 01086. *Teaching Calculus Through "Astronomical" Mistakes*. Preliminary report.

We all make mistakes, even the brilliant ones. In this talk, I will share my experiences in a Calculus 1 classroom where we learned differential and integral calculus by examining some of the earlier, erroneous models of the solar system. I will focus on the students' reception of the material and the pedagogical benefits of this experience. (Received September 22, 2015)