

1106-L5-352

**Hortensia Soto-Johnson\*** ([hortensia.soto@unco.edu](mailto:hortensia.soto@unco.edu)), UNC School of Mathematical Sciences, Ross Hall 2240C, Greeley, CO 80639, and **Marki Dittman**. *Sprinkling Complex Analysis Across the Undergraduate Curriculum*.

There is concern that complex analysis has lost its prominence in undergraduate mathematics, science, and engineering. There is further uneasiness that secondary mathematics teachers, who are the first to introduce complex numbers to students, do not complete a course in complex analysis. The purpose of this presentation is to share how complex analysis was integrated into a second semester course of higher geometry for prospective secondary teachers. Specifically, we will share our activities designed to explore Möbius transformations and their geometric interpretations. We will discuss students' reactions to these activities. (Received August 24, 2014)