

Genetic Diversity and Structure of Seeds of Success Accessions in

The Sagebrush Steppe



**September 24th 2019 at 2pm
Main Conference Room NLGRP**

Emily Schumacher is a master's student at the University of Northern Colorado studying the genetics of plant restoration in sagebrush habitat as part of Mitchell McGlaughlin's Plant Population Genetics Laboratory. Her research applies genetic sequencing to multiple species collected by the BLM SOS program in various locations across the west to identify variability in genetic diversity across space. Emily is the vice president of the UNCO Graduate Women in STEM organization and is currently in the process of writing her master's thesis.

Keywords: BLM Seeds of Success, Population Genetics, Fst values, Genetic Health, *Artemisia tridentata*, *Chrysothamnus viscidiflorus*