I study the influence of recreational land disturbance on soilborne seed-associated microbial communities in semi-arid deserts of the southwest. I am especially interested in the application of these microbes to enhance crop plant growth and yield under environmental stresses such as drought and heat. I am interested in developing learning modules to engage underrepresented groups in science. I joined Dr. Betsy Arnold in 2014 as an undergrad and have continued my research as a Plant Pathology Master's student.