

High School Science Standards Put to the Test

By Jacob Geer and Sarah Alaei

College sciences are one of the hardest courses to prepare for. High School teachers are the ones that must best prepare us for this reality. To do this feat, they use the Next Generation Science standards to create their lesson plans and introduce us to the sciences that we focus on in college. In order to research how they go about doing this, a general topic of biofilms was used to delve into the foundations of these Next Generation Science standards. We found that our Next Generation Science standards are lacking in a few key areas. They focus on developing skills such as critical thinking, data analysis, and problem solving.