

KDS High School AP Biology Students Tour Biotechnology Facility

This month, KDS DAR High School AP Biology classes had a field trip to HudsonAlpha Institute for Biotechnology. HudsonAlpha Institute for Biotechnology was founded in 2008 by innovative thinkers who are passionate about translating the promise of genomics into real-world benefits for people and their communities. Located in Huntsville, Alabama, HudsonAlpha serves as the cornerstone of a 152-acre Biotech Campus located in Cummings Research Park.



During the field trip, students toured the facilities and laboratories, and had a discussion with a genetic counselor. They also performed an AP lab investigation using gel electrophoresis which challenged the students to utilize their knowledge of DNA, the cell cycle, biotechnology, and heredity patterns to identify who in a family was at a higher risk for developing colon cancer.

