In the GeoFORCE Academy program, 9th graders travel to Austin and the Texas gulf coast to study sedimentary processes. High school sophomores go to Arizona and Utah, visiting the Grand Canyon and Zion National Park to study layered rocks and geologic time. Juniors travel to the Pacific Northwest to study tectonics and volcanic rocks. They visit Mt. St. Helens, Mt. Hood, Newberry Crater, and Crater Lake. Seniors traverse the Llano Uplift in Central Texas, learning about structural geology and sedimentary, igneous and metamorphic rocks and visit labs at the Jackson School of Geosciences.

Mentoring continues through high school and college. GeoFORCE offers PSAT and SAT preparation. GeoFORCE helps with college and financial aid applications, provides scholarships, and assist students with finding internship opportunities in college.

Student participants: Through partnerships with Southwest Texas Junior College in Uvalde, Texas, and the Houston Independent School District, GeoFORCE recruits students from middle schools in rural Southwest Texas and inner-city Houston. Continued participation every summer is contingent on students completing all of the field experience tests each summer with a B average and maintaining a B average in their mathematics and science classes in high school. The Houston 10th Grade Academy numbered 36 students.

Results: In the summer of 2016, 481 high school students engaged in the field in cohorts of up to 40 students. Demographics are 80% underrepresented minorities and 53% first generation in college. Alumni of GeoFORCE enrolled in college numbered 774 in 2016 with 178 BS/BA degrees earned. As of 2016:

- 96% of the students enrolled in college.
- 58% are pursuing STEM majors.
- 23% of the STEM majors are in the geosciences.