As one of the University of Texas at Austin’s largest outreach initiatives, UTeach Outreach focuses on closing the opportunity gap by bringing STEM learning to underserved populations in the greater Austin area. UTeach Outreach works closely with teachers, parents, and school administrators to engage K–12 students and teachers in hands-on, inquiry-based lessons.

KEY UTEACH OUTREACH INITIATIVES

**Service Learning Classes.** UT students from all majors earn credit by enrolling in UTeach Outreach courses where they learn to teach rigorous, engaging STEM lessons to students in grades 2 through 5, inspiring them to explore and understand science principles.

**After-School Clubs.** These after-school clubs inspire students in grades 6 through 8 to pursue STEM careers. After-school clubs extend the school day curriculum and connect the student to real-world research, industry, and careers.

**UT PREP Summer STEM Pathway.** The summer program is a series of rigorous, five-week academic enrichment courses focusing on mathematics, research, engineering, physics, and computer science. The program is designed to take place over four consecutive summers for students beginning in 6th or 7th grade, leading to advanced high school coursework in STEM subjects.

“As a principal in a Title I school, I wish more of these programs were available for my students.”

Dolores Godinez, Ph.D., principal

“This program inspires students to think like a scientist, not simply within the walls of a classroom, but every moment of their lives.”

Vittoria, Prep 3 UTeach Intern

outreach.uteach.utexas.edu
@UTeachOutreach
facebook.com/UTeachOutreachUTAustin

2018–2019

**UTEACH OUTREACH COMMUNITY IMPACT**

<table>
<thead>
<tr>
<th>Metric</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual student STEM contact hours each year</td>
<td>84,000</td>
</tr>
<tr>
<td>Hours worked on STEM-related special events and outreach efforts</td>
<td>6,600</td>
</tr>
<tr>
<td>Hours UTeach Outreach is engaged in public school lessons each year</td>
<td>3,200</td>
</tr>
<tr>
<td>Students attending summer STEM programs in 2019</td>
<td>600+</td>
</tr>
<tr>
<td>UT students and volunteers teaching lessons each year</td>
<td>186</td>
</tr>
<tr>
<td>Students attend after-school clubs organized by UTeach Outreach</td>
<td>95</td>
</tr>
<tr>
<td>Different Austin-area schools served annually</td>
<td>80</td>
</tr>
</tbody>
</table>
The UT PREP Summer STEM Pathway provides historically underrepresented students in the Austin area a supportive and enriching academic experience designed to increase the number attending college and pursuing STEM careers.

The camps offer a rigorous hands-on, inquiry-based curriculum over four summers. Camp participants learn how to design, test, and evaluate scientific phenomena and use critical thinking skills. An ongoing career and college exploration component targets the social and emotional needs of the campers as they gain resilience and skills to thrive in the most challenging pathways. After PREP 4, we help students locate additional opportunities, including internships in STEM fields, or returning to work with PREP 1 students.

- Students earn up to 4 credits toward their Texas HB 5 High School STEM Endorsement.
- Camps prepare students for AP and dual-credit coursework in mathematics, sciences, and technology.
- Camp participants learn about STEM careers, tour campus, play sports in UT facilities, meet UT researchers/professors, and experience student life.

- UTeach Outreach STEM and Computer Science clubs are offered free of charge in up to eight local schools in order to extend school-day learning and recruit students to UT PREP.

UT PREP 2019 IMPACT

399 Students graduated from UT PREP 1-4 Camps

160 High-quality STEM program hours per camp participant

79% Received full or partial scholarships

75% Qualified for federal free or reduced lunch

56% Female camp participants

46% Normalized gains in learning from pre-post tests in core subjects

DEMOGRAPHICS

63% Hispanic or Latino
15% Asian
8% White
8% Black
4% Multiracial
2% Other

2019 UT PREP Community Partners / Collaborators

Austin Achieve Public Schools
Austin Independent School District
Del Valle Independent School District
KLRU
Silicon Labs
TexPREP - San Antonio

The University of Texas at Austin - College of Natural Sciences
The University of Texas at Austin - College of Education
The University of Texas at Austin - Freshman Research Initiative

UTeach Outreach Summer STEM | outreach.uteach.utexas.edu