



UTeach **Austin**

WE PREPARE TEACHERS. THEY CHANGE THE WORLD.

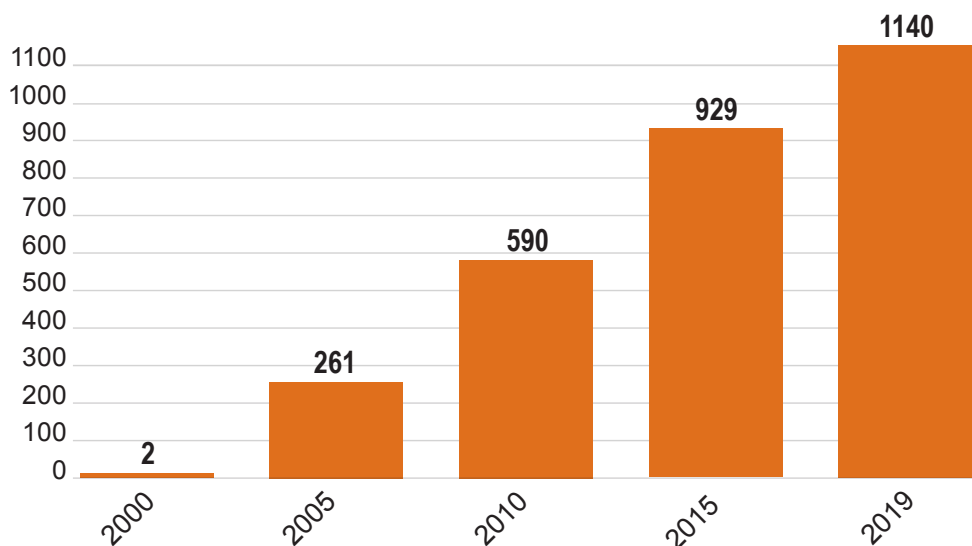


Annual Report · 2018–2019

UTeach is an innovative university-based teacher preparation program working to increase the number of qualified STEM teachers in U.S. secondary schools. STEM majors earn a secondary teaching certification without adding time or cost to their four-year degree. Degree holders are also welcome.



CUMULATIVE GRADUATES, UTEACH AUSTIN SPRING 2000 TO SPRING 2019



**What
Starts Here
Changes
the World**



UTEACH BY THE NUMBERS

364

STUDENTS
ENROLLED IN 2019

87%

OF GRADUATES
ENTER TEACHING

24%

OF GRADUATES ARE
FROM UNDERREPRESENTED
POPULATIONS (HISPANIC,
AFRICAN AMERICAN,
AMERICAN INDIAN, ALASKAN NATIVE)

79%

OF GRADUATES
WHO BEGIN
TEACHING ARE
STILL IN SCHOOLS
5 YEARS LATER

59%

OF GRADUATES
TEACH IN SCHOOLS
WITH MAJORITY
ECONOMICALLY
DISADVANTAGED
STUDENTS

UTEACH AUSTIN STUDENTS ARE TEACHING IN
114 K-12 CLASSROOMS.

GRADUATES ARE CURRENTLY TEACHING
MORE THAN **88,000**
U.S. STUDENTS, PRIMARILY
IN TEXAS.

UTeach Austin began at The University of Texas at Austin in 1997 and has since expanded to 43 other universities across the U.S.

Initiatives and Scholarships

UTeach Maker

UTeach Maker is an innovative micro-endorsement program that helps UTeach students bring Maker education practices into their STEM classrooms and makerspace environments.

Each UTeach Maker has a personal mentor, participates in ongoing Maker professional development, and creates a Maker Showcase to serve as a portfolio of their work. Find out more at maker.uteach.utexas.edu.

UTEACH MAKER GOALS BY 2022

22

UTEACH PROGRAMS
INTEGRATING MAKING

250

250 PRESERVICE
TEACHERS IN A UTEACH
MAKER PROGRAM

35,000

K-12 STUDENTS TAUGHT
BY A UTEACH MAKER
STEM TEACHER

Make for All

UTeach Maker is leading a collaborative group of partner universities working to incorporate making into 22 UTeach STEM teacher preparation programs by 2022.

UTeach Maker is funded in part by a grant from The National Science Foundation Robert Noyce Teacher Scholarship Program (Award ID 1557155).



UTEACH MAKER BY THE NUMBERS

16

MAKER
WORKSHOPS,
MEETUPS, AND
COMMUNITY
EVENTS

40

ARTICLES,
PRESENTATIONS,
AND PUBLISHED
MAKER LESSONS

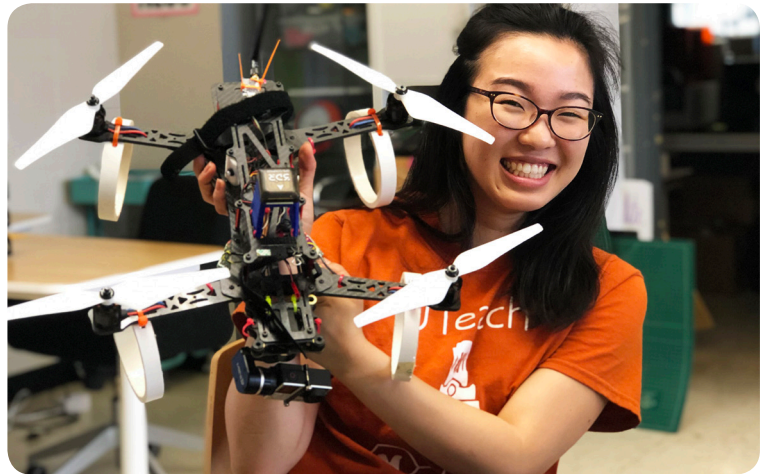
55

PARTICIPANTS
AND MENTORS
IN UTEACH
MAKER

1,600

NUMBER OF
K-12 STUDENTS
IMPACTED BY EACH
MAKER TEACHER
OVER THEIR
CAREERS

100%

PARTICIPANTS
WHO REPORT
AN INCREASE IN
ENTHUSIASM FOR
STEM TEACHING


Making had a huge impact on me. It has changed how I view my role as a teacher. I will teach math, but I will also teach students to be creative problem-solvers through making. — **Halle Herzog**, UTeach Maker, 2019

Scholarships

UTeach Austin students received more than \$400,000 in scholarships from generous donors.

Austin Independent School District Scholarships

Jane Sanford Beasley Scholarships

The Charles Butt Scholarship for Aspiring Teachers

Joyce and Claude Cooke Endowed Scholarship for UTeach

Anthony Ferris & Carmen Kazen Ferris & Anthony Curly Ferris

Endowed Excellence Fund for Future Mathematics Teachers

Mrs. George Routh Felter Endowed Scholarship

for Excellence in Teacher Training

Greater Texas Foundation Endowed Scholarship for UTeach

Lee and Joe Jamail Endowed Scholarships in

Secondary Teacher Education

Sally Sue Davis Klinck and KLE Foundation Endowment

for Excellence in Teacher Training

Jeff and Gail Kodosky UTeach Physics Teacher Scholarship

National Science Foundation's Robert Noyce

Teacher Scholarship Program

Dorothy M. and Thomas V. Shockley, III and KLE Foundation

Endowment for Excellence in Teacher Training

Fay Pinkerton Wyatt Endowed Excellence Fund for UTeach

UTeach Internships

The UTeach Internship program partners with STEM-focused organizations and local schools to help fill the growing demand for high-quality STEM preservice teachers, mentors, and tutors. UTeach interns gain valuable field experience while bringing innovative and effective STEM teaching methods to K–12 students, especially in underserved areas of the community. UTeach internships allow UTeach students to earn a stipend for working up to 20 hours a week in educational settings such as museums, libraries, STEM camps, and local schools.

UTEACH INTERNSHIPS BY THE NUMBERS

26

NONPROFIT
STEM-FOCUSED
ORGANIZATIONS
AND SCHOOLS
SERVED THIS YEAR

158

INTERNSHIPS
AWARDED IN
2018–2019

13,500

K–12 STUDENTS
SERVED THIS YEAR

95%

UTEACH INTERNS
FEEL THAT THE
FINANCIAL
SUPPORT IS
IMPORTANT

99%

UTEACH INTERNS
FEEL BETTER
PREPARED TO
TEACH

COMMUNITY IMPACT

Future STEM teachers:

Internships help UTeach students by providing both financial assistance and practical STEM education experiences.

The local community:

Internships support the community by working with STEM educational initiatives that are part of local schools and nonprofit organizations.

K–12 students:

UTeach interns serve students in underserved populations by being a friend, mentor, and teacher.

COMMUNITY PARTNERS

Ann Richards School for Young Women Leaders

Austin Achieve Public School

Austin High School Academy for Global Studies

Austin Partners in Education

Bedichek Middle School Math

Breakthrough

Cedars International Next Generation High School

Consuelo Mendez STEM Academy

ChemBridge

Crockett High School

Environmental Science Institute

Girlstart

High School Research Initiative

Innovation Lab for Design @ Magellan International School

Lady Bird Johnson Wildflower Center

MathHappens

NYOS Charter School

Reagan High School

River City Youth Foundation

The Foundry

The Thinkery

The Young Scientists Program

Travis High School

UT Online High School

UTeach Outreach

Westcave Preserve

"By interning through the UTeach program, students get to build skills and increase their confidence as a future teacher while meeting their need for a job."

Kristi Eschberger, Girlstart

"My internship has provided me the fantastic opportunity to grow as a teacher and person and to build my confidence in the classroom."

Fidel Aguilar, UTeach Intern

"I have seen so many lives changed at River City because of the work we are able to do through internships that would not have happened otherwise."

Mah-ro Khan, UTeach Intern

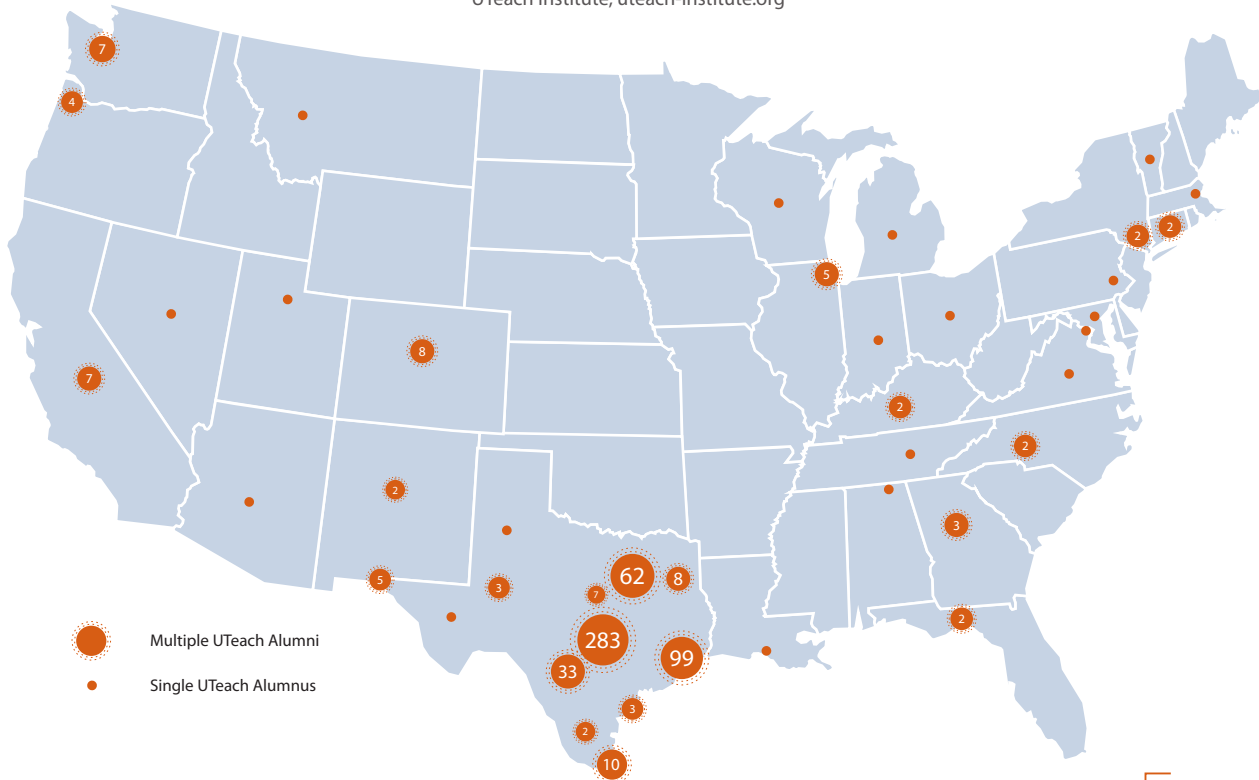


The 2018–2019 UTeach Internships were funded in part by grant funds from the Houston Livestock Show and Rodeo, Applied Materials Foundation, and the UTeach endowment.

UTeach Austin Graduate Impact in Texas and Beyond

UTEACH AUSTIN ALUMNI WORKING IN K-12 EDUCATION IN THE U.S. (2017-2018)

UTeach Institute, uteach-institute.org



Alumni Spotlight

Ayesha Qadri

UTeach Maker Teaching Fellow
Science Teacher, Lamar High School,
Arlington ISD
Co-author of "Making and the 5E Learning
Cycle" in *The Science Teacher* (January 2019)

**+4
months**

additional learning
in math

**+5.7
months**

additional learning
in science

An independent research study found that secondary students of UTeach graduates gain an additional 4 months of learning in math and 5.7 months in science.

Alumni Spotlight

Daniel Brown

District Accountability Coordinator,
Austin Independent School District

Alumni Spotlight

Katie Howell

2019 AISD Secondary
Teacher of the Year,
Travis Early College High School

Alumni Spotlight

Zoe Rothenberger

2019 Knowles Teaching Fellow,
Meridian School

Alumni Spotlight

Jonathan Broussard

High School Research Initiative Instructor,
Austin High School

I'm so grateful for everything that UTeach has taught me and for all the leadership and life skills that I learned in my UTeach days. — Ayesha Qadri, UTeach Alumna