



UTeach **Austin**

WE PREPARE TEACHERS. THEY CHANGE THE WORLD.



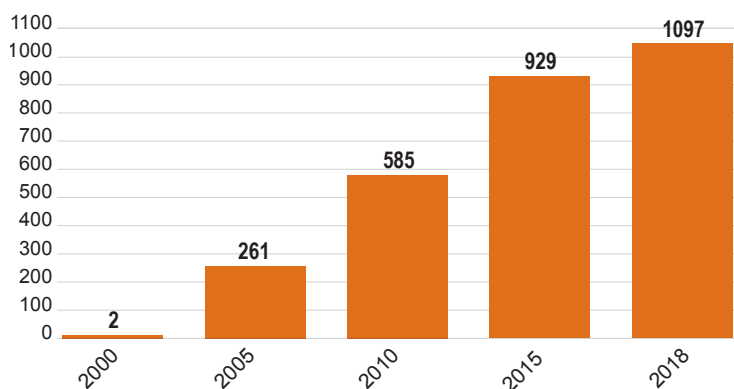
Annual Report · 2017–2018

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.



Data About Austin

CUMULATIVE GRADUATES, UTEACH AUSTIN
SPRING 2000 TO SPRING 2018



What Starts Here Changes the World

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



Spring 2018 enrollment:
378 students

UTeach Austin students
are teaching in the K–12
classrooms of **119 local
mentor teachers.**

- 87% of graduates enter teaching.
- 77% of graduates who begin teaching are still in schools 5 years later.
- Graduates are currently teaching more than 80,000 students across the country, with the majority in Texas.
- More than half teach in schools with a majority of economically disadvantaged students.
- 24% of graduates are from underrepresented populations (Hispanic, African American, American Indian, Alaskan Native).

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 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

33

STUDENTS IN
UTEACH MAKER

13

UTEACH MAKER
GRADUATES

100%

PARTICIPANTS WHO
FEEL AN INCREASE
IN CREATIVITY AND
EMPOWERMENT

100%

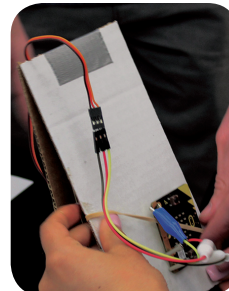
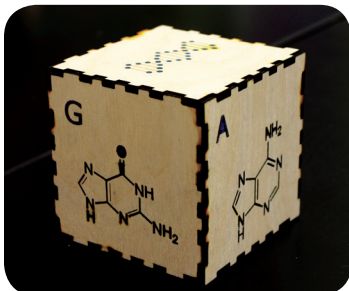
PARTICIPANTS WHO
FEEL INCREASED
ENTHUSIASM FOR
STEM TEACHING

21

ARTICLES,
PRESENTATIONS,
AND PUBLISHED
MAKER LESSONS

Making helps students be engaged participants who make the things they plan to use. It helps to empower students and gives them vital experience.

Maisha Rumman
UTeach Maker, Biology



Scholarships

Noyce

UTeach Austin participates in the National Science Foundation's Robert Noyce Teacher Scholarship Program, and eligible students can receive up to \$13,000 per year. We were happy to award 17 scholarships through this program last year, totaling \$167,000.

Other Scholarships

UTeach Austin students also received more than \$216,000 in scholarships from generous donors.

Fay Pinkerton Wyatt Endowed Excellence Fund for UTeach
Joyce and Claude Cooke Endowed Scholarship for UTeach
Greater Texas Foundation Endowed Scholarship for UTeach
Jeff and Gail Kodosky UTeach Physics Teacher Scholarship
Austin Independent School District Scholarships

Jane Sanford Beasley Scholarships
Lee and Joe Jamail Endowed Scholarships in Secondary
Teacher Education
Dorothy M. and Thomas V. Shockley, III and KLE Foundation
Endowment for Excellence in Teacher Training

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.

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.



"This internship has done so much for me. I am much more comfortable in my teaching ability, and this confidence has helped me work toward being a better teacher."

Sneha Knah, UTeach Intern

"At MathHappens, we bring math to the general public and try to increase math literacy while helping students and adults get rid of their fear of math. I can truly see the impact we have made."

Alex Li, UTeach Intern

"This internship has been so enriching for me. It will help me be a better educator for my students."

Cynthia Moreno, UTeach Intern

"Our UTeach intern was a wonderful addition to the Magellan International School innovation team. As a computer science major, he was able to offer his technical expertise and insights. He also enthusiastically took on any challenge in the makerspace."

Patrick Benfield, Innovation Lab Director

UTEACH INTERNSHIPS BY THE NUMBERS

10,150

K–12 STUDENTS SERVED THIS YEAR

175

INTERNSHIPS AWARDED IN 2017–2018

27

NONPROFIT STEM-FOCUSED ORGANIZATIONS AND SCHOOLS SERVED THIS YEAR

95%

UTEACH INTERNS WHO SAY THE FINANCIAL SUPPORT FROM INTERNSHIPS IS

99%

UTEACH INTERNS WHO FEEL THAT INTERNSHIPS HELP THEM PREPARE TO BE GOOD TEACHERS

COMMUNITY PARTNERS

Ann Richards School for Young Women
Leaders Makerspace
Austin Achieve Public School
Austin HS Global Studies Academy
Austin Partners in Education
Bedichek Middle School
Breakthrough Austin
Cedars International

Next Generation High School
ChemBridge
Crockett High School
Environmental Science Institute
Girlstart
High School Research Initiative
Innovation Lab for Design @ Magellan International School
LBJ Early College High

School MathHappens
Reagan High School
River City Youth Foundation
The Thinkery
The Young Scientists Program
Travis High School
UT High School
UTeach Outreach
Westcave Preserve

The 2017–2018 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 Aubrey Bleier

Teaches Forensic Science
in Victoria Independent
School District



additional learning
in math



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 Abdulkarim Bora

UTeach Maker Teaching Fellow
Noyce Teaching Scholar
MathHappens Project Manager



Alumni Spotlight Hannah Spock

UTeach Maker Teaching Fellow
Science Teacher, Montbello Career and
Technical High School in Denver
Co-author of "The Elements of Making" in
The Science Teacher (February 2018)

A UTeach study found significant advantages for students of UTeach graduates of around 9 months of schooling in both Algebra I and Biology for Gifted students, and 5 months of schooling in Biology for Economically Disadvantaged and Hispanic students.



additional
schooling in
Algebra I & Biology
for Gifted
students



additional
schooling in
Biology for Economically
Disadvantaged
and Hispanic students



I love UTeach because of the close community. UTeach taught me to put student engagement and inquiry at the forefront of my lessons.

Aminadab Morales

UTeach Alumnus and Science Teacher,
Cedars International Next Generation
High School