Why should I be interested in UTeach?

• Students pursuing math and science degrees at our nation’s universities represent the single largest pool from which to recruit and prepare excellent STEM teachers. Expanding UTeach programs to more universities across the country is one of the best strategies for addressing this shortage.

• UTeach has been recognized as a model for STEM teacher preparation reform by President Barack Obama and prominent organizations like the National Research Council, the U.S. Department of Education, the National Academy of Sciences, the National Academy of Engineering, and the Institute of Medicine. UTeach was featured as a model program in a 2010 report by the President’s Council of Advisors on Science and Technology, Prepare and Inspire: K–12 Education in Science, Technology, Engineering, and Math (STEM) for America’s Future, which highlighted a need to provide students a strong foundation in STEM subjects and inspire them to pursue STEM careers.

• UTeach expansion is a wise investment. Approximately $2 million of external funding is matched by approximately $1.4 million by each university partner to permanently establish new UTeach secondary STEM teacher preparation programs that will continue to produce excellent teachers well beyond an initial five-year, grant-funded implementation period.

What impact is UTeach replication having?

• Twenty percent of all UTeach students enrolled nationwide come from underrepresented Hispanic, African American, and American Indian populations.

• As of Spring 2018, 44 UTeach programs have produced 3,878 graduates—1,097 from the University of Texas at Austin, where the program began, and another 2,781 from UTeach partner programs.
  
  - Graduates entering teaching: 87%
  - Graduates currently teaching: 83%
  - Graduates teaching in schools with majority economically disadvantaged populations: 69%

• By 2023, UTeach programs nationwide will have graduated nearly 8,300 STEM teachers, close to 10% of the President’s stated goal for the nation of 100,000 new STEM teachers.

For more information, please see our UTeach Austin and National Expansion Data presentation at uteach.utexas.edu/about/uteach-data.

How is UTeach different from other teacher preparation programs?

UTeach is a university-based, secondary STEM teacher preparation program designed specifically for undergraduate STEM majors.

• UTeach students earn degrees in their content areas (e.g., chemistry, biology, mathematics) along with teaching certification within four years. They take challenging science and mathematics coursework leading to a degree in a STEM major.

• UTeach expands post-graduate possibilities for students, offering "one degree, two career options"—with no additional time or cost required.
• UTeach is a unique collaboration between the colleges of science, education, and liberal arts at a university.

• UTeach combines extensive, individualized coaching with intensive field-based teaching opportunities and relevant content. Students begin teaching their first semester in the program.

• UTeach actively recruits STEM majors to try out teaching with no strings attached. All students in the College of Science are invited to join UTeach every year, and UTeach pays the cost of the first two 1-hour courses.

• UTeach pairs master teachers (former secondary STEM teachers who become clinical faculty at the university) with research faculty throughout the program.

• UTeach offers a streamlined, field-intensive curriculum that is firmly situated within the STEM domains. All courses in UTeach are discipline-specific, based on current research, taught by research faculty, and focused specifically on STEM teaching and learning.

• The UTeach instructional program is designed to:
  Develop deep conceptual understanding and mastery of subject-area content
  Make explicit the underlying connections between mathematics and science
  Develop proficiency in core mathematics and scientific practices
  Develop research and information analysis skills
  Integrate content and pedagogy
  Build strong connections between educational theory and practice
  Emphasize inquiry- and project-based instructional approaches
  Integrate themes of assessment, equity, literacy, and technology
  Cultivate reflective practice

• UTeach continues to offer support to students after graduation, both in person and online.

• UTeach graduates become a part of UTeach Nation, a national network of professionals with content knowledge and similar pedagogical training. They meet annually at the UTeach Alumni Conference.

• UTeach program co-directors, faculty, master teachers, staff, and students meet annually at the UTeach Conference to share successes and challenges and collaborate to make all UTeach programs better.

Where is UTeach being implemented?

In 1997, UTeach began at the University of Texas at Austin. As of Spring 2018, UTeach is being implemented at 44 universities in 21 states and the District of Columbia.

• In 2008, the first cohort of 13 universities received grants to replicate UTeach.

  Florida State University, FSU-Teach
  Louisiana State University, GeauxTeach
  Northern Arizona University, NAUTeach
  Temple University, TUtEach
  University of California, Berkeley, Cal Teach Berkeley
  University of California, Irvine, UCI Cal Teach
  University of Colorado at Boulder, CUTeach
  University of Florida, UFTeach
  University of Houston, teachHouston
  University of Kansas, UKanTeach
  University of North Texas, Teach North Texas
  University of Texas at Dallas, UTeach Dallas
Western Kentucky University, SKyTeach

In Spring 2010, a second cohort of eight universities began implementing UTeach.

   Cleveland State University, CSU Teach
   Middle Tennessee State University, MTeach
   University of Colorado at Colorado Springs, UCCSTeach
   University of Memphis, Tigers Teach*
   University of Tennessee, Chattanooga, UTeach Chattanooga
   University of Tennessee, Knoxville, VolsTeach
   University of Texas at Arlington, UTeach Arlington
   University of Texas at Tyler, UTeach Tyler

   *As of Summer 2014, the University of Memphis discontinued its UTeach program.

A third cohort of four universities formed began implementing UTeach in Fall 2011.

   Columbus State University, UTeach Columbus
   Southern Polytechnic University, SPSU Teach
   University of Massachusetts, Lowell, UTeach UMASS Lowell
   University of West Georgia, UTeach West Georgia

A fourth cohort of eight universities began implementing UTeach in Spring 2012.

   University of Texas, Brownsville, UTeach Brownsville
   University of Texas, Pan American, UTeach Pan American
   Boise State University, IDoTeach
   Towson University, Towson UTeach
   Florida Institute of Technology, Florida Tech UTeach
   University of Arkansas, Fayetteville, UAteach
   University of Arkansas, Little Rock, UALRTeach
   University of Central Arkansas, UCA STEMTeach

In Spring 2014, a fifth cohort of six universities began implementing UTeach.

   Old Dominion University, MonarchTeach (began January 2013)
   Drexel University, DragonsTeach
   Florida International University, FIUTeach
   Oklahoma State University, OSUTeach
   University of Alabama, Birmingham, UABTeach
   University of Maryland, College Park, Terrapin Teachers

A sixth cohort of five universities began enrolling students in Fall 2015.

   George Washington University, GWTTeach
   Louisiana Tech University, TechTeach
   University of Massachusetts, Boston
   University of Nevada, Reno, NevadaTeach
   West Virginia University, WVUTeach

One university began enrolling students in Spring 2016.

   Morehead State University, MSUTeach

One university began enrolling students in Fall 2016.
And one university began enrolling students in Fall 2017.

Central Washington University, CWU Teach STEM

**What is the role of the UTeach Institute?**

The UTeach Institute supports replication of the UTeach secondary STEM teacher preparation program at universities across the country and leads efforts toward continuous improvement of the UTeach model. Following growing national interest in the UTeach model, the UTeach Institute was established in 2006 to support and evaluate UTeach replication. The UTeach Institute assists universities with implementation of the UTeach program and supports a growing, national network of K–12 educators and university-based research and clinical faculty collaborating to strengthen STEM education in the United States. Housed with the original program in the College of Natural Sciences at The University of Texas at Austin, the UTeach Institute has developed a comprehensive approach to replication that facilitates full program implementation at its university partners. The UTeach Institute works with a variety strategic funding partners and initiatives at national, state, and local levels to make UTeach replication possible. For more information, visit [www.uteach-institute.org](http://www.uteach-institute.org).

**Whom can I contact with press inquiries?**

Amy Winters
Manager, Content and Communications
The UTeach Institute
The University of Texas at Austin
[winters@uteach.utexas.edu](mailto:winters@uteach.utexas.edu)
512-232-2771