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?

- More than 6,200 math and science majors are enrolled in UTeach secondary STEM teacher preparation programs being implemented at 45 universities in 21 states and the District of Columbia.

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

- As of Spring 2015, 28 UTeach programs have produced 2,676 graduates—929 from the University of Texas at Austin, where the program began, and another 1,747 from UTeach partner programs.

  Graduates entering teaching: 86%
  Graduates currently teaching: 86%
  Graduates teaching in schools with majority economically disadvantaged populations: 61%

- By 2022, UTeach programs nationwide will have graduated nearly 8,000 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 2016, 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
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, UTeaChattanooga
University of Tennessee, Knoxville, VolsTeach
University of Texas at Arlington, UTeach Arlington
University of Texas at Tyler, UTeach Tyler

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, OSU Teach
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
And one university will begin enrolling students in Fall 2016.

University of Texas at San Antonio, UTeachSA

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.

Who can I contact with press inquiries?

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