

About UTeach

at The University of Texas at Austin

SPRING 2010



The UTeach program at the University of Texas at Austin began in 1997 as a new way of introducing undergraduate math and science majors to secondary school teaching. Dr. Mary Ann Rankin, Dean of the College of Natural Sciences, made teacher preparation a strong college priority and initiated a partnership with the College of Education, the College of Liberal Arts, and the Austin Independent School District to improve the program for secondary mathematics and science teacher preparation. UTeach's mission is to recruit, prepare, and retain qualified STEM (science, technology, engineering, and mathematics) teachers.

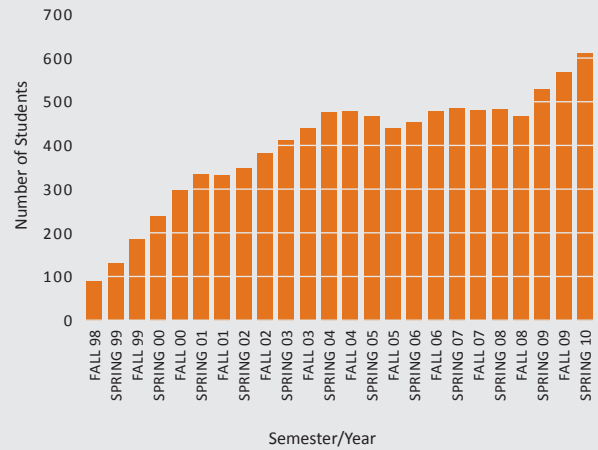
PROGRAM HIGHLIGHTS FOR UTEACH AUSTIN

- 560 students are currently enrolled in the UTeach Austin program.
- Since 2001, over 540 students have graduated from the UTeach Austin program.
- 88% of UTeach graduates enter the teaching profession.
- More than 80% of UTeach graduates who enter the teaching profession are still teaching five years after graduating.
- The Program employs ten full-time, award-winning master teachers as full-time clinical faculty to work with students preparing to be teachers.
- The Program works with 300 mentor teachers in local school districts.
- On average, 100 students per semester receive internships, scholarships, or local school district fellowships.
- Approximately one-quarter (27%) of all UTeach students come from two key underrepresented minority populations (i.e., Hispanic and African American).

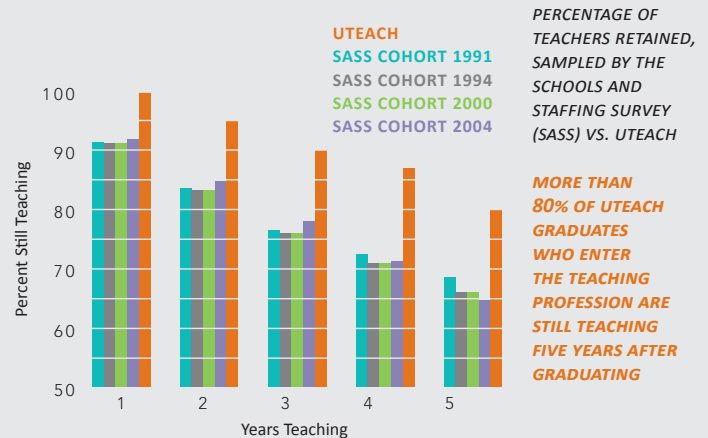
HALLMARKS OF THE UTEACH PROGRAM

- Collaboration between Colleges of Sciences, Education, Liberal Arts, the Austin Independent School District and other area districts.
- Active recruitment of science and mathematics majors to take the two initial one-hour UTeach courses free of charge.
- Early and continuous field experiences throughout the program.
- Compact degree plans that allow most students to graduate with both a degree and teacher certification in four years.
- The UTeach course sequence integrates themes important to STEM education, including technology, equity, assessment, and how students learn mathematics and science.
- Continuous support provided by experienced successful teacher leaders hired as full-time clinical faculty in the program.
- Courses taught by faculty who are actively engaged in research in mathematics and science, history of mathematics and science, and/or in the teaching and learning of mathematics and science.
- Integrated pre-service courses that focus on teaching both mathematics and science and are based on recent research in STEM teaching and learning.
- UTeach offers two years of comprehensive induction support for UTeach graduates.
- UTeach offers a Master's program.

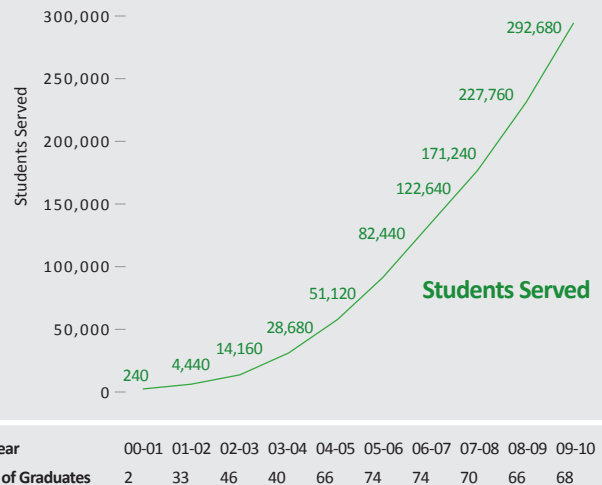
UTEACH AUSTIN ENROLLMENT



TEACHER RETENTION



TEACHERS PRODUCED AND ESTIMATED STUDENTS SERVED UTEACH AUSTIN | 2000-2010



Total Number of Graduates: 539

UTeach

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UTeach–Texas Replication

SPRING 2010

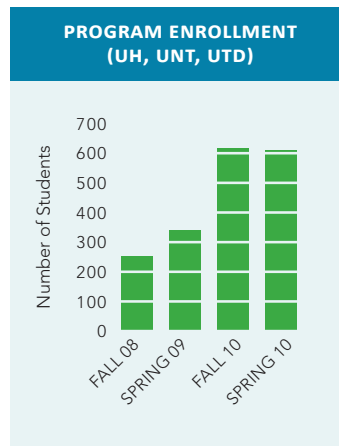
Established in 2006, the UTeach Institute at the University of Texas at Austin provides assistance and direction to institutions of higher education to replicate the UTeach program. The Institute employs a comprehensive approach to ensure full program implementation and sustained, measurable success.

In 2007, the UTeach Institute, in partnership with the National Math & Science Initiative (NMSI) and the Texas High School Project (THSP), selected the first cohort of universities to receive grants to replicate the UTeach teacher preparation program. Three universities in Texas were selected among the 13 universities nationwide (University of Texas at Dallas, University of Houston and University of North Texas). In January, 2010, through a variety of other funding sources, eight additional universities (two in Texas) began implementing UTeach, further contributing to a growing national and Texas community working to strengthen STEM teacher preparation nationwide. As of Spring 2010, there are six universities in Texas (including UT Austin) implementing a UTeach program.

PROGRAM IMPLEMENTATION HIGHLIGHTS • SPRING 2010

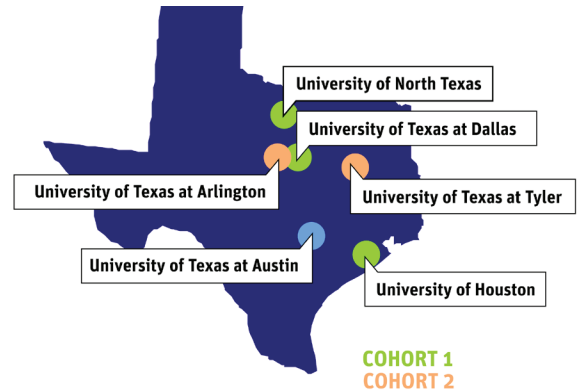
(EXCLUDES UTEACH AUSTIN)

In just three semesters of program implementation, interest in UTeach among students across this first group of Texas universities (UH, UTD, UNT) has exceeded all expectations with total program enrollment growing from 252 in the fall of 2008 to 603 in the Spring 2010.



UNIVERSITIES IMPLEMENTING UTEACH

As of Spring 2010, six universities are implementing a UTeach model program in Texas. Universities in Cohort 1 have completed the second year of implementation. Universities in Cohort 2 initiated a planning period in January and will implement the first UTeach course in Fall 2010.



UTEACH REPLICATION FUNDING

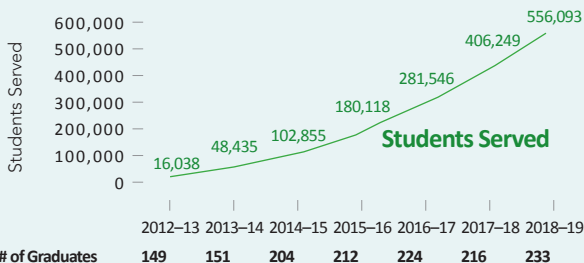
- Funding models include nation-wide, state-level, and local replication initiatives
- A grant of \$1.4 million supports program implementation at one university over a five-year period.
- The grant funding structure promotes sustainability, requiring university commitment to fund increasing percentages of program costs over a five-year period, working toward permanent institutional funding of the program.
- National and Texas state-level replication initiatives are funded by NMSI, the Texas High School Project, the Greater Texas Foundation, ExxonMobil, the Texas Instruments Foundation, and the Michael and Susan Dell Foundation.

The UTeach Institute's mission is to support replication of the UTeach teacher preparation program at universities across the United States and to lead efforts toward continuous improvement of the UTeach program model. The singular goal of these efforts is to increase the number of highly qualified science, technology, engineering, and mathematics (STEM) teachers nationwide.

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PROJECTION OF STUDENTS SERVED BY UTEACH TEACHERS FROM TEXAS UNIVERSITIES FIVE YEARS AFTER GRANT PERIOD (EXCLUDES UT AUSTIN)



ASSUMPTIONS: 80% OF TEACHERS WILL BE RETAINED FOR AT LEAST FIVE YEARS. EACH TEACHER WILL SERVE 150 STUDENTS ANNUALLY.

of Graduates 149 151 204 212 224 216 233

Total Projected Number of Graduates: 1,389 (EXCLUDING UTEACH AUSTIN)