

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.

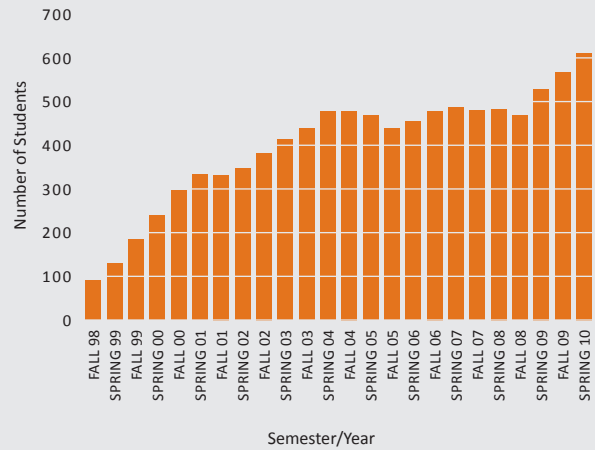
PROGRAM HIGHLIGHTS FOR UTEACH AUSTIN

- 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).

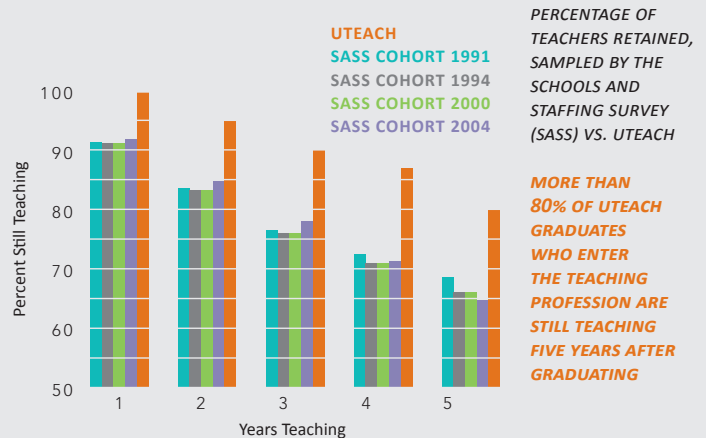
HALLMARKS OF THE UTEACH PROGRAM

- 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.

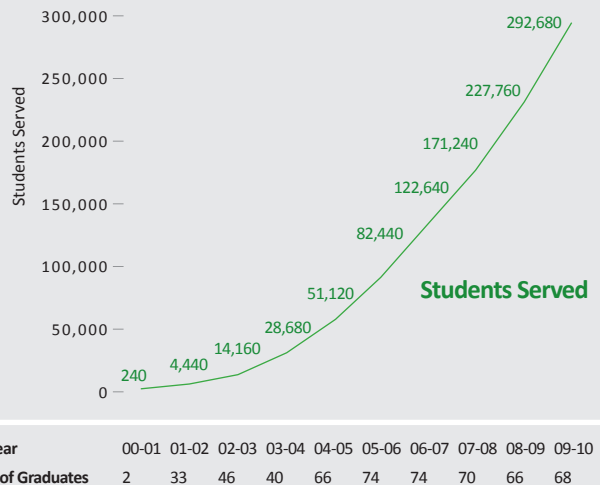
UTEACH AUSTIN ENROLLMENT



TEACHER RETENTION



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



Total Number of Graduates: 539

UTeach

College of Natural Sciences | The University of Texas at Austin
 1 University Station-G2550 | Austin, TX 78712-0549
www.uteach.utexas.edu | Phone 512 232 2770

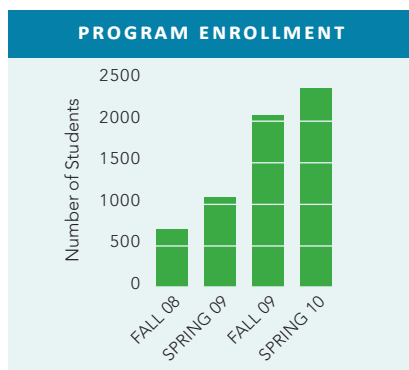
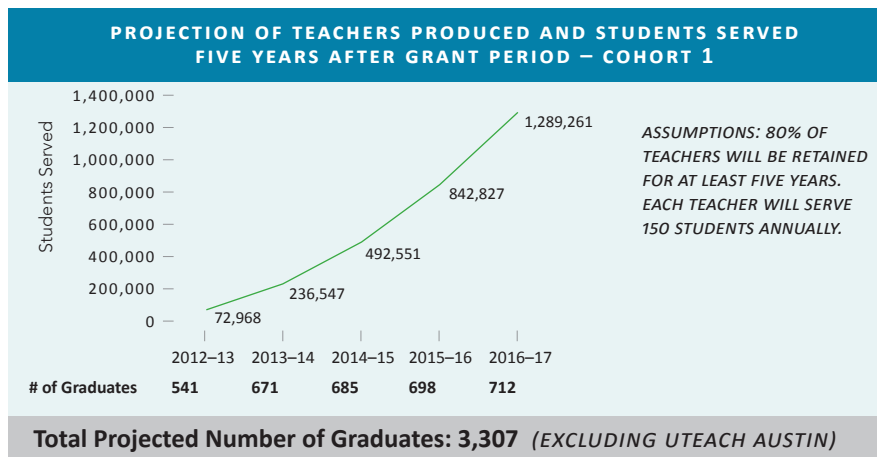
UTeach National Replication SPRING 2010

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 13 universities to receive grants to replicate the UTeach teacher preparation program. In just three semesters of program implementation, interest in UTeach among students across this first group of universities has exceeded all expectations with the number of students growing from 519 in the fall of 2008 to over 2,400 in the Spring of 2010.

In January, 2010, a second cohort of eight universities began implementing UTeach, further contributing to a growing national community working to strengthen STEM teacher preparation nationwide.

PROGRAM IMPLEMENTATION | HIGHLIGHTS | SPRING 2010 (EXCLUDES UTEACH AUSTIN)



“To continue to cede our leadership in education is to cede our position in the world....America’s leadership tomorrow depends on how we educate our students today, especially in science, math and engineering,”

*Remarks by President Obama on the “Educate to Innovate” Campaign and Science Teaching and Mentoring Awards.
JANUARY 6, 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, and the Michael and Susan Dell Foundation.
- The Tennessee Higher Education Commission and State Department of Education partnered to allocate federal education block grants to fund a statewide replication initiative.

UNIVERSITIES IMPLEMENTING UTEACH

Cohort 1

- Florida State University** *FSU-Teach (FSU)*
- Louisiana State University** *Geaux Teach (LSU)*
- Northern Arizona University** *NAU Teach (NAU)*
- Temple University** *TU Teach (TU)*
- University of California, Berkeley** *Cal Teach Berkeley (UCB)*
- University of California, Irvine** *UCI Cal Teach (UCI)*
- University of Colorado at Boulder** *CU Teach (CU)*
- University of Florida** *UF Teach (UF)*
- University of Houston** *teachHouston (UH)*
- University of Kansas** *UKan Teach (KU)*
- University of North Texas** *Teach North Texas (TNT) (UNT)*
- University of Texas at Dallas** *U Teach Dallas (UTD)*
- Western Kentucky University** *SKy Teach (WKU)*

Cohort 2

- Cleveland State University**, *CSU Teach (CSU)*
- Middle Tennessee State University**, *MTeach (MTSU)*
- University of Colorado at Colorado Springs**, *UCCS Teach (UCCS)*
- University of Memphis** *U Teach MEmphis (UM)*
- University of Tennessee, Chattanooga** *UTea Chattanooga (UTC)*
- University of Tennessee, Knoxville**, *VolS Teach (UTK)*
- University of Texas at Arlington**, *U Teach Arlington (UTA)*
- University of Texas at Tyler**, *U Teach Tyler (UTT)*



THE
UTEACH
INSTITUTE

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.

The University of Texas at Austin
College of Natural Sciences
1 University Station G2550
Austin, TX 78712
512 232-2770
info@UTeach-institute.org
www.uteach-institute.org