¡UTeach Makers!

Paige Arneson
Biology

Susan McLain
Post Bac

Aminadab Morales
Physics

Miriam Reyes
Biology

Hannah Spock
Biochemistry

showcase

showcase

showcase

https://maker.uteach.utexas.edu/current-makers/f16
UTEACH NATIONAL PROGRAM ENROLLMENT
ACADEMIC YEAR 2015–2016 — 6,280 STUDENTS

https://uteach.utexas.edu/
UTEACH PROGRAM GRADUATES (CUMULATIVE COUNT)

Actual graduates:
- 2011: 782
- 2012: 1148
- 2013: 1639
- 2014: 2157
- 2015: 2676

Projected graduates:
- 2016: 3282
- 2018: 4650
- 2020: 6500
- 2022: 7700

https://institute.uteach.utexas.edu/uteach-impact
Prepare Great STEM Teachers in 4 Years

Major Degree + Teaching Option 120–126 credit hours

Major Courses includes upper-division credit hours that should be close to the same as non-UTeach tracks

Core Curriculum and General Education Courses

UTeach Courses 24–27 credit hours

https://institute.uteach.utexas.edu/uteach-model
Why UTeach Maker?

To support teachers in bringing creativity, passion, and innovative technologies to STEM classrooms

To ensure that students from all backgrounds have an opportunity to engage in Making as an empowering way of learning
Essential Features

- Monthly cohort meetings
- Maker mentors
- Community Events
- Maker Showcase
- National Reviewers
UTeach Maker
CHANGING EDUCATION, ONE MAKER AT A TIME

- Maker Philosophy
- Maker Education
- Maker Project
- Maker Community
- Maker Showcase
Maker Showcase

https://maker.uteach.utexas.edu/maker-showcase
UTeach Maker Teaching Fellows!
Showcase Reviewers

Stephanie Chang  
Jessica Paker

UTeach Maker partners with national leaders in Maker education to review Maker Showcases. This review process helps ensure that the work of UTeach Maker meets high standards and reflects up to date Maker tools and skills. UTeach Maker Showcase reviewers needed in the future!

https://maker.uteach.utexas.edu/maker-showcase/reviewers
Maker Philosophy

• A personal statement about what maker education means to the pre-service teacher
• Explore and develop an understanding of the philosophical and pedagogical roots that are expressed via Making

https://maker.uteach.utexas.edu/maker-philosophy
Maker Project

- Self-directed project completed by the pre-service teacher with the help of their maker community
- Strengthen and express individual “maker mindset”
- Connection between learning and teaching through making

https://maker.uteach.utexas.edu/maker-project
Maker Education

- Connections between making as an individual pursuit versus a pedagogical approach
- Address practices needed to implement (e.g., classroom management insights, the role of rubrics, importance of safety, etc.)
- Global perspectives related to education such as issues of access and equity

https://maker.uteach.utexas.edu/maker-education
Maker Community

- Illustrate that Making is an activity that occurs within complex communities
- Connect pre-service teachers with the tools, resources, and camaraderie of this amazing national maker education community
- Connect to local makers and maker events/activities

https://maker.uteach.utexas.edu/maker-community