

Department of Science/Mathematics Education
SCHOOL OF NATURAL SCIENCES AND MATHEMATICS
The University of Texas at Dallas



Department of Science/Mathematics Education

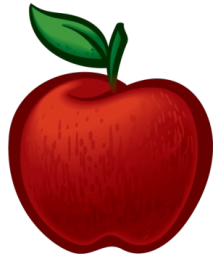
November 12, 2022

**LOVE SCIENCE?
TEACH IT!**



**LOVE MATH?
TEACH IT!**

UTeachDallas
The University of Texas at Dallas
Natural Sciences and Mathematics



We're not a major.

We work with *all* majors
in the School of
Natural Sciences and Mathematics
to prepare secondary STEM
teachers!

www.utdallas.edu/uteach/



STEM degree + Teaching Certificate = Career that Changes Lives

- Add Value and Flexibility to your degree in the same four-year timeframe!
- Good, stable pay in DFW after graduation.
- Internships and scholarships available.
- Open a world of opportunity, community, and support.
- Try out teaching as early as your first semester at UTD while learning valuable skills for any career.

Top Local Careers with Teacher Certification

OCCUPATION	JOB SUMMARY	ENTRY-LEVEL EDUCATION	MEDIAN PAY 2021
Middle or High School Teacher	Guide the subject-matter learning of students in a classroom setting	BS/BA	>\$58,541* (\$60,000+)* starting pay
Instructional Design Facilitator	Support new and experienced teachers in instructional design and delivery	MS/MA	>\$90,000*
Coordinator	Responsible for an academic area (math, science, etc.) at elementary or secondary levels	MS/MA or PhD/EdD	>\$97,000*
Administration	Example: Director, Principal	MS/MA or PhD/EdD	>\$116,000*
Higher Education Faculty	Example: STEM or Education Professor	PhD/EdD (usually, may be MS/MA)	\$79,640**



*Salary based on a local school district(s) published data

** <https://www.bls.gov/ooh/education-training-and-library/postsecondary-teachers.htm>



Good, *stable* pay for starting STEM teachers in DFW!

- Example 2022-23 **first-year** salaries for STEM teachers in some of our partner school districts:
 - Allen – \$58,000
 - Carrollton – Farmer’s Branch - \$57,050
 - Dallas – \$60,000+
 - Garland – \$60,000+
 - McKinney - \$58,800
 - Mesquite - \$56,100
 - Plano - \$58,250
 - Richardson - \$57,000+



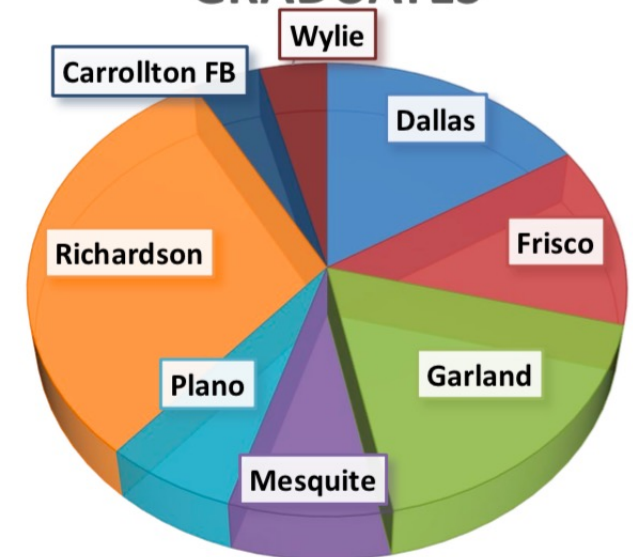
+ *Plus, Math/Science signing bonuses available at some!*

UTeach Dallas Teachers are in High Demand!

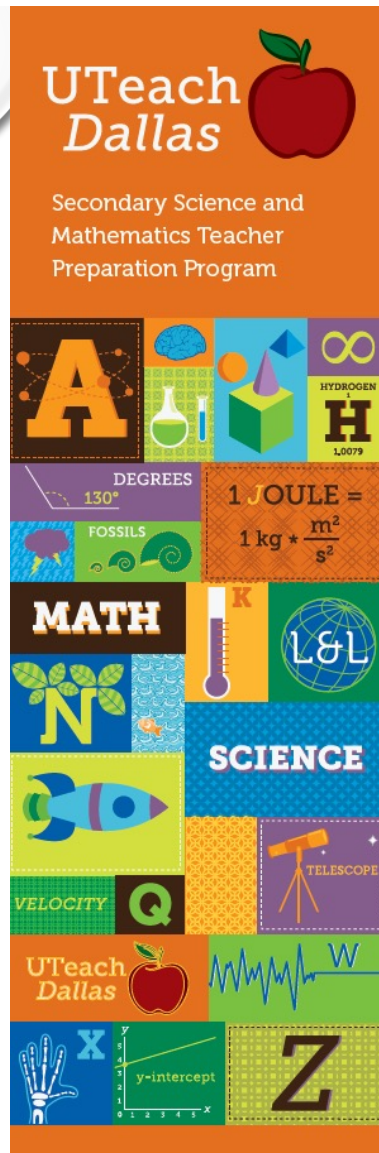
- Secondary (middle and high school) science and mathematics are teacher shortage areas.*
- **100%** of UTeach Dallas graduates seeking teaching positions are typically hired by the start of the next school year!
- UTeach Dallas graduates are competitive for graduate and medical school (16 in graduate or medical school this year!)
- **83% of all teachers** prepared by UTeach Dallas are still in the profession with **93% choosing to stay in teaching in the first 5 years.**



TOP DISTRICTS CHOSEN BY GRADUATES

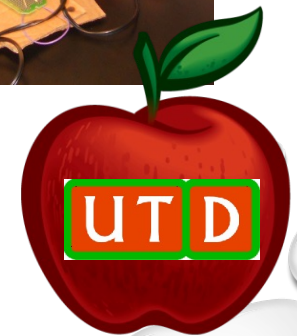


*<https://tea.texas.gov/texas-educators/educator-initiatives-and-performance/student-loan-forgiveness-for-teachers>



How does UTeach Dallas work?

- ✓ Try out teaching, starting with a one credit hour course to make sure teaching is a good fit for you.
- ✓ Finish your certification in your elective hours.
- ✓ Earn a **Secondary STEM Education Minor!**
- ✓ Have a teaching certificate as a career option!



We Support Our Graduates!

Lifelong Learners

supporting UTeach Dallas Alumni



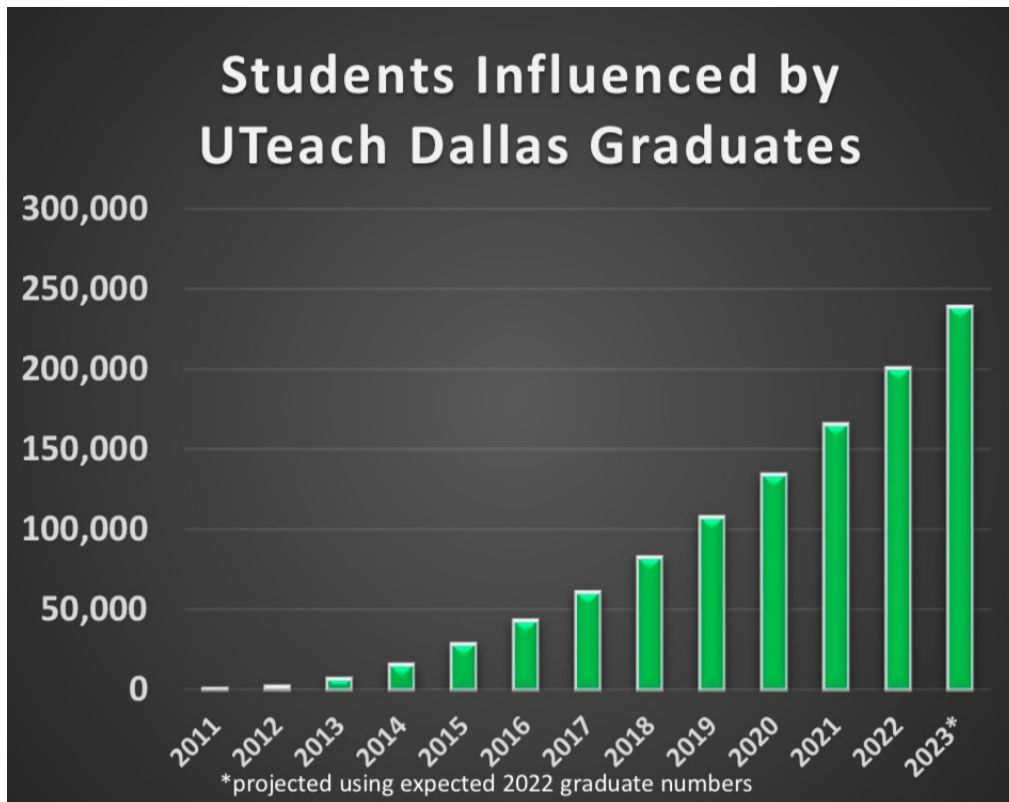
**Those who can't ignore
a child's burning curiosity
about the world, teach.**

 #TeachersCan

<https://www.uteachdallasalumni.org/>

Count on us for formal support for 3 years, informal support for a career.
We care about UTeach Dallas teachers and the students *they* serve!

We Support Our Graduates *and* Their Students!



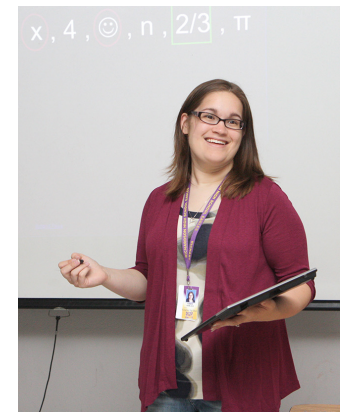
Through *UTeach Dallas*, the *Master of Arts in Teaching* programs in Science Education and Mathematics Education, and our outreach, we support teachers in their growth in the classroom and beyond!

UTD Alumna Earns Statewide Teaching Honor



Emma DeVine BS'19, MAT'21

University of Texas at Dallas alumna Emma DeVine BS'19, MAT'21 has been named Outstanding Rookie Science Teacher of the Year for 2022 by the Science Teachers Association of Texas (STAT).



Assistant Principal Amieé Himler
2019 National Alumnus Award
UTeach STEM Educators Association
BS Mathematics (2010)
UTeach Dallas (2011)
MAT (2019)

<https://magazine.utdallas.edu/2022/10/09/utd-alumna-earns-statewide-teaching-honor/>
<https://institute.uteach.utexas.edu/sites/default/files/2019-UTeach-Conference-Program.pdf>

Research and Outreach Opportunities

A VIVID EARTH SCIENCE INTRODUCTION TO PLATE TECTONICS

Lesson 1. Brief Overview



UTD THE UNIVERSITY OF TEXAS AT DALLAS



UTD GSS

"a plate"

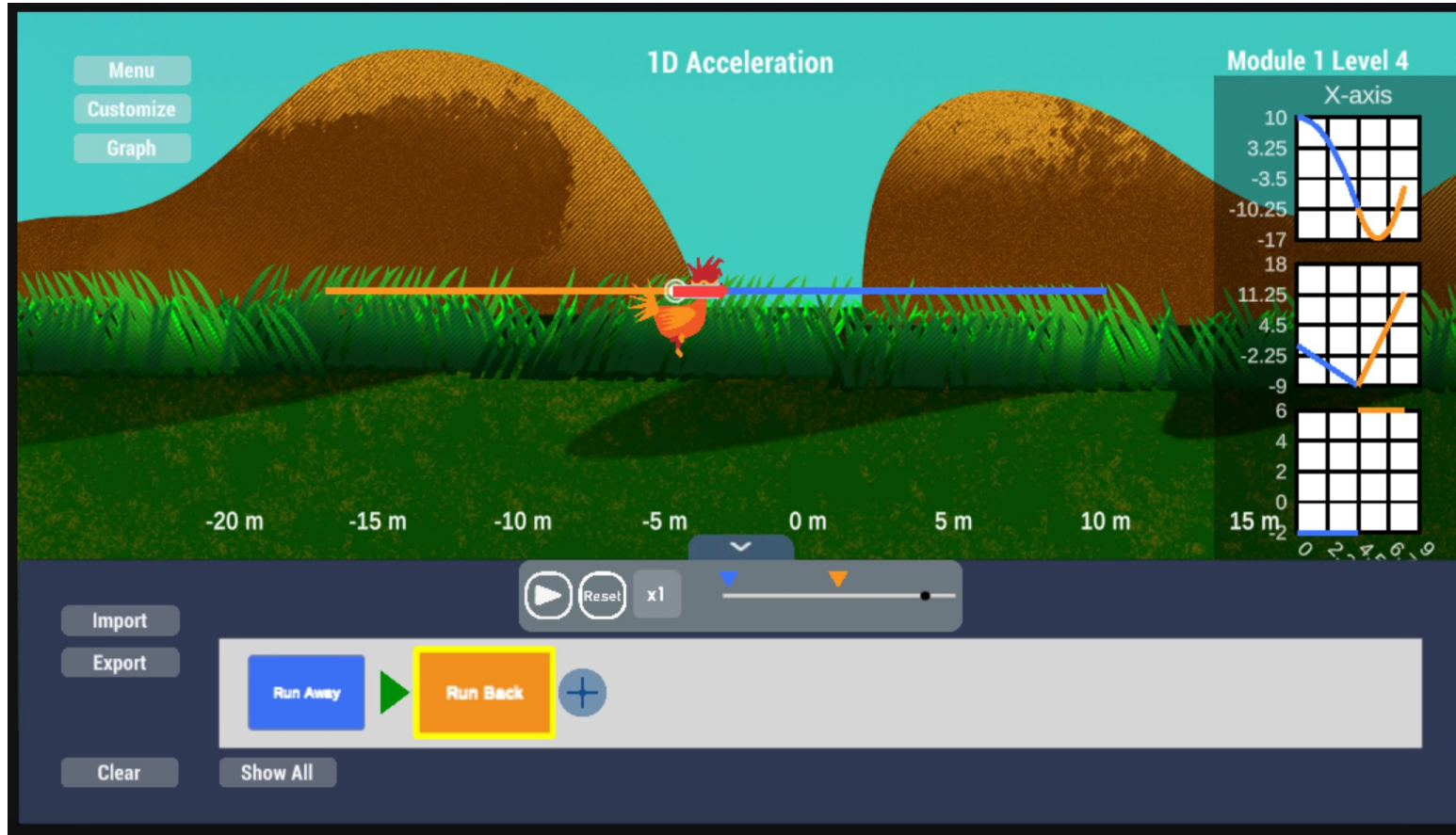


Dr. Mary Urquhart

Planetary Scientist

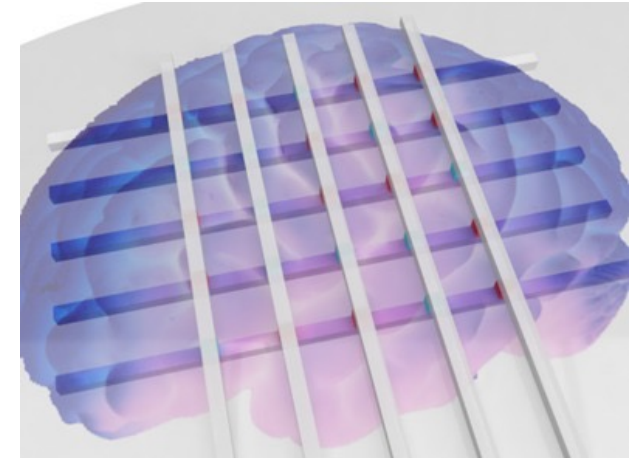


Research and Outreach Opportunities



stepp.utdallas.edu

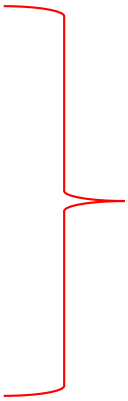
Research and Outreach Opportunities



Opportunities to be a teacher-researcher intern with zebrafish or one of our research labs on campus!

Earning Degrees in the Field

- BS in the sciences or mathematics + teaching certificate
 - Typically, 4 years of study
- Master of Arts in Teaching (Science Education or Mathematics Education)
 - Typically, 2-3 years of study past the BS
 - Fast-track and dual-degree options with an MS in a STEM discipline
 - Can be done with UTeach Dallas for STEM degree holders
 - Can be done with a PhD in a STEM discipline



Many times students can be paid to earn graduate degrees fulltime or work while earning an MAT!