




### Recent Faculty Hire




**Dr. Song Liao**  
Assistant Professor  
Ph.D., Computer Science  
Clemson University (2024)  
IoT Security/Privacy, Data Science




**Dr. Ziwen Pan**  
Assistant Professor  
Ph.D., Electrical & Computer Engineering  
University of Arizona (2022)  
Quantum Information




**Dr. Stas Tiomkin**  
Assistant Professor  
Ph.D., Computer Science & Engineering  
Hebrew University (2019)  
Artificial Intelligence and R3 Learning  
(Reinforcement, Representation, Robot)



**Dr. Zihao Zhan**  
Assistant Professor  
Ph.D., Electrical Engineering  
Vanderbilt University (2021)  
System Security, Hardware Security



**Dr. Maaz Amjad**  
Assistant Professor of Practice  
Ph.D., Computer Science  
Instituto Politecnico Nacional (2022)  
Artificial Intelligence & Natural Language  
Processing



**Dr. Scott Franklin**  
Associate Professor of Practice  
Ph.D., Mathematics  
Texas Tech University (2005)  
Physics Informed Neural Nets, Computer  
Vision, Computer Science Education

### Department Highlights

The Computer Science Department at Texas Tech University has 1,042 undergraduate students, including 451 major and 591 foundational students, and 564 graduate students, including 481 Master and 83 Ph.D. students, in Fall 2024. The department has 27 faculty members, including 20 tenured/tenure-track faculty, 3 full-time teaching faculty, and 4 part-time instructors. The Department offers an ABET-accredited Bachelor of Science degree in Computer Science, two Master of Science and one Doctor of Philosophy (PhD) degrees. The department received around \$8 million-dollar external funding in FY 2024, mostly from National Science Foundation (NSF).

### Degrees Offered

- Bachelor of Science in CS
- Master of Science in CS
- Master of Science in Software & Security Engineering
- Doctor of Philosophy (PhD) in CS
- Certificate in Software Engineering
- Certificate in Security



### Research Highlights



Dr. Yuanlin Zhang and Dr. Victor Sheng received \$1M Department of Education grant for their research on AI across the curriculum for virtual schools. The project aims to increase the number of high-need students having access to and using AI in math program and increase high-need students' AI literacy and AI self-efficacy.



Dr. Yong Chen, Dr. Tommy Dang, Dr. Yu Zhuang, and Dr. Susan Mengel received a National Science Foundation (NSF) grant to carry out a project titled "REPAACSS: Empowering Scientific Discovery through Renewable Energy Powered Advanced Computing Systems and Services" with on-campus collaborators from High Performance Computing Center and GLEAMM. They will build a renewable energy powered cluster and investigate weather- and carbon-aware workload scheduling, migration, and checkpoint/restore methods.

## Tier One Research University

### Carnegie Classification of Very High Research Activity (R1) University

Texas Tech secured more than \$83 million in federal awards and more than \$122 million in total research awards in FY 2024. The University's federal research expenditures total more than \$63 million and total research expenditures reached more than \$255 million.



Texas Tech University offers a comprehensive series of programs, services, initiatives, and organizations to underrepresented students, students of color, and first-generation students.

### Other Highlights

#### Accelerating Impact through Partnerships



National Science Foundation Phase-II Industry-University Cooperative Research Center (IUCRC) on Cloud and Autonomic Computing conducts fundamental research and development in collaboration with University of Arizona and industry and government members, including the National Security Agency, Los Alamos National Laboratory, Dell EMC, Lubbock County, Naval Information Warfare Center, Department of Homeland Security, Blackfur, Legendary, and Defense Information Systems Agency.



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Undergraduate Student  
Enrollment

**1,042**

1,038

Graduate Student  
Enrollment

**564**

731



Last Year

Undergraduate Degree  
Awarded

**168**

147

Graduate Degree  
Awarded

**305**

229