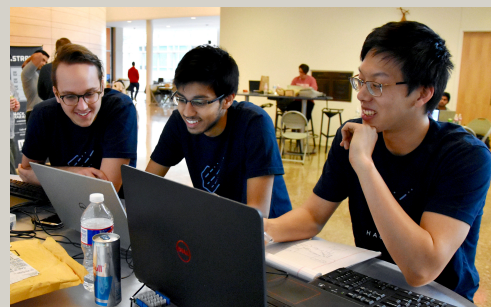**STRATEGICALLY LOCATED** in the middle of the Telecom Corridor, which is home to thousands of high-tech companies, the UT Dallas Computer Science Department is in the midst of a growth phase that includes addition of new programs in cyber security, information assurance, data sciences and interactive computing, hiring of a large number of new faculty, and a steep increase in external research funding.

CORE AREAS OF COMPUTER SCIENCE RESEARCH:

Research activities in the UT Dallas Computer Science Department include a wide spectrum of investigations funded by federal and state governments and industry. Several institutes, housing a number of centers and dozens of laboratories, carry out research in the following areas:

- Algorithms
- Artificial Intelligence
- Automata and Formal Languages
- Bioinformatics
- Cloud Computing
- Combinatorial Optimization
- Computational Complexity
- Computational Geometry
- Computational Logic
- Computer Graphics
- Computer Networks
- Computer Vision
- Cryptography
- Cyber Security
- Data Sciences
- Databases
- Distributed Systems and Algorithms
- Embedded and Real-Time Systems
- Graph Models
- Informational Retrieval
- Intelligent Systems
- Internet of Things
- Machine Learning
- Multi-Agent Systems
- Multimedia Systems
- Natural Language Processing
- Networking and Telecommunications
- Pattern Recognition / Image Processing
- Programming Languages and Systems
- Simulation and Modeling
- Software Engineering
- Software Maintenance
- Software Verification and Testing
- Virtual Reality

Full-time Computer Science Faculty
100

Computer Science Research Expenditures (2020)
$8.63 Million

Computer Science Enrollment (2023)

Bachelor of Science:	4,659
Master of Science:	863
PhD:	158

Computer Science Degrees Granted (2022-23)

Bachelor of Science:	956
Master of Science:	663
PhD Awarded:	15

PhD Tracks
- Computer Systems
- Data Science
- Information Assurance / Cyber Security
- Intelligent Systems
- Interactive Computing
- Networks & Telecom
- Software Engineering
- Computing Theory

RECENT PhD GRADUATES

Dr. Frederico Araujo
Research Staff Member
IBM TJ Watson Research Center

Dr. Yin Yang
Assistant Professor
University of New Mexico

Dr. Laura Moreno
Assistant Professor
Colorado State University

FINANCIAL ASSISTANCE

Graduate assistantships feature a full tuition waiver and a stipend starting at $1,950/month and increasing to $2,250/month. Other opportunities include Jonsson School Distinguished Graduate Research Fellowships, the Computer Security and Information Assurance Scholarship for Service Program Fellowships, teaching assistantships and research assistantships. MS students on track to a PhD are also fully supported. Exceptional candidates are awarded a research excellence scholarship over and above the GA stipend.

ADDITIONAL FACTS

- CS faculty includes 17 NSF CAREER award holders and three US Air Force Young Investigators.
- Ranked 29th internationally in the CACM Publication rankings for Computer Science graduate programs, 24th internationally for Software Engineering graduate programs.
- Received more than $45 Million in new research grants in the last 5 years. Ranked 37th nationally in research expenditure.*
- Ranked fourth in the nation among all CS departments in number of BS, MS and PhD computer science graduates produced.*
- Ranked third in the nation among all CS departments in number of women MS computer science graduates produced.*
- Ranked second in the nation among CS departments within Engineering Schools in number of women faculty.*
- One of the largest internship programs in the country with more than 700 interns placed in the most recent academic year.
- Ranked 21st in the nation in 2014 LinkedIn ranking of best schools for software developers.
- CS alumni have started many successful companies including Tarski Technologies, Invene, and SURVIVR.
- CS. Dept. ranked #8 in NLP, and #5 in Software Engineering, and #7 in Embedded and Real-Time Systems based on data from csrankings.org ('10-'20 period).

*Data from ASEE

CONTACT

Dr. Jorge Cobb, Director of Graduate Studies
cobb@utdallas.edu

For more details, please visit **cs.utdallas.edu**

Explore our computer science faculty research summaries at:
explorer.utdallas.edu