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
111

Computer Science Research Expenditures (2020)
$8.63 Million

Computer Science Enrollment (2020)
Bachelor of Science: 3,629
Master of Science: 802
PhD: 161

Computer Science Degrees Granted (2019-20)
Bachelor of Science: 610
Master of Science: 554
PhD Awarded: 36

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

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For more details, please visit cs.utdallas.edu

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