We are Hiring! (5 New T/T Positions in AI, Big Data, Cyber Physical Systems, and Cyber Security)

Overall
• Strong enrollment growth: 2014 students in Fall 2017 (1270 Bachelor’s, 634 Master’s, 110 Ph.D.)
• Over $4M per year in research expenditures for the last 3 years
• $7.6M research grants in FY17, growing from $3.1M in FY16
• CSE faculty’s full papers in top conferences (those listed in csrankings.org) since 2012: 9 SIGMOD, 14 VLDB, 9 KDD, 7 NIPS, 6 ICML, 23 AAAI, 15 IJCAI, 13 CVPR, 13 ICCV, 4 ECCV, 3 USENIX ATC, 2 EuroSys, 1 FSE, 2 RTSS, 4 RECOMB, 2 INFOCOM
• Construction of the $125-million, 220,000-sq. ft. Science and Engineering Innovation and Research (SEIR) building is expected to be completed in 2018. CSE research labs and lecture rooms will be strategically placed in SEIR and the other multidisciplinary building—the 2011-built, $116-million, 234,000-sq. ft. Engineering Research Building (ERB).

Rankings
• UT-Arlington named R1 university by the Carnegie Classification of Institutions of Higher Education
• National Rankings: Computer Engineering #64, Computer Science #90 [U.S. News & World Report]
• Ranked by csrankings.org (by average 2016-2017 publications, as of September 2017): #49 overall, #4 AI, #10 OS, #20 Databases, #20 High-Performance Computing, #21 Bioinformatics, #35 Security, #45 Machine Learning and Data Mining

Research Highlights
• 3 IEEE Fellows
• 4 current NSF CAREER awardees, 6 NSF CAREER, 1 AFOSR YIP, and 1 NSF CRII awardees since 2006
• 5 authors with 10,000+ citations
• Author of one of the most popular database textbooks
• ACM SIGKDD doctoral dissertation award, ACM TOSEM distinguished referee, HP innovation research awards, ICDE 10-year best paper, Microsoft Research faculty summit speaker, Outstanding Associate Award of NIST, paper awards at ASE, APSys, CIDR, ICDM, ECMLPKDD, IUI, ISSRE, ISSTA, PPREW, PSIVT, SIGMOD, VLDB

Teaching and Student Achievements
• Recent graduates work at Amazon, Apple, Facebook, Google, HP, IBM, Intel, LinkedIn, Lockheed-Martin, Microsoft, NASA, Pivotal, Raytheon, Sabre, Salesforce, Teradata, Texas Instruments, Uber, and many other great companies
• Recent Ph.D. graduates secured tenure-track faculty positions at Colorado School of Mines, Kennesaw State University, NJIT, Texas State University, Univ. of Colorado at Denver, Univ. of Mississippi, Univ. of Texas Rio Grande Valley, researcher positions at HP Labs, Huawei, IBM Research India, QCRI, Visa Research, Walmart Labs, and post-doctorate research positions at Microsoft Research, Michigan, and Stony Brook University
• Successful launch of CSE Senior Design industry sponsorship program resulting in 12+ sponsored projects and over $60,000 in funding since Spring 2016
• CSE student teams earn hackathon awards at Verizon’s Hack Day, TAMU Hackathon, SASEhack
• Best Student Paper Award at IUI 2016
• First Runner-Up in the SIGMOD 2017 Undergraduate Student Research Competition

Service Highlights
• General/Program Chairs of SIGMOD, BIBM, ICPP, PerCom, DaWaK, DEBS, IPCCC
• Chair of the Editor-in-Chief Search Committee for IEEE/ACM Transactions on Computational Biology and Bioinformatics (TCBB)
• UTA designated a Hispanic-Serving Institution; 5th in the nation for undergraduate diversity [U.S. News & World Report]; No. 1 four-year college in Texas for veterans [Military Times’ 2017 Best for Vets list]; 2nd lowest average student debt among U.S. universities [U.S. News & World Report]
UTA CSE faculty’s full papers in top conferences (those listed in csrankings.org) since 2012: 9 SIGMOD, 14 VLDB, 9 KDD, 7 NIPS, 6 ICMC, 23 AAAI, 15 IJCAI, 13 CVPR, 13 ICCV, 4 ECCV, 3 USENIX ATC, 2 EuroSys, 1 FSE, 2 RTSS, 4 RECOMB, 2 INFOCOM. Published/accepted so far in 2017:

- Yuanuyuan Sun, Yu Hua, Song Jiang, Quiyu Li, Shunde Cao, and Pengfei Zuo. SmartCuckoo: A Fast and Cost-Efficient Hashing Index Scheme for Cloud Storage Systems. USENIX ATC’17.
- Wenrui Yan, Jie Yao, Qiang Cao, Hong Jiang, Changsheng Xie. ROS: A Rack-based Optical Storage System with Inline Accessibility for Long-Term Data Preservation. EuroSys’17.
- Yongli Cheng, Hong Jiang, Fang Wang, Yu Hua, Dan Feng, BlitzG: Exploiting high-bandwidth networks for fast graph processing. INFOCOM’17.
- Gensheng Zhang, Damian Jimenez, Chengkai Li. Maverick: Discovering Exceptional Facts from Knowledge Graphs. SIGMOD’18.
- Naemul Hassan, Fatma Arslan, Chengkai Li, and Mark Tremayne. Toward Automated Fact-Checking: Detecting Check-worthy Factual Claims by ClaimBuster. KDD’17.
- Feiping Nie, Xiaqiong Wang, Heng Huang. Learning A Structured Optimal Bipartite Graph for Co-Clustering. NIPS’17.
- Xinliang Zhu, Jiawen Yao, Feiyun Zhu and Junzhou Huang. WSISA: Making Survival Prediction from Whole Slide Pathology Images. CVPR’17.
- Feiping Nie and Heng Huang. Semi-Supervised Classifications via Elastic and Robust Embedding. AAAI’17.
- Hongchang Gao, Feiping Nie and Heng Huang. Local Centroids Structured Non-negative Matrix Factorization. AAAI’17.
- Feiping Nie, Xiaqiong Wang and Heng Huang. Multiclass Capped p-Norm SVM for Robust Classifications. AAAI’17.
- Feiping Nie, Heng Huang, Zhouyuan Huo. Joint Capped Norms Minimization for Robust Matrix Recovery. IJCAI’17.