



**7**  
Academic  
Degrees

**72**  
Faculty

**1795**  
Undergrads

**329**  
Graduate  
Students

**\$26M+**  
Research  
Funding

## CSE FACULTY

- 55 Tenure/Tenure-Track Faculty
  - 10 ACM Fellows, 13 IEEE Fellows, 5 AAAI Fellows, 4 AAAS Fellows, 2 SIGCHI Academy, 1 CSS Fellow, 9 Sloan Fellows
  - 31 NSF CAREER and PECASE awards
- 3 Research Faculty
- 14 Teaching Faculty

## OUR STUDENTS

- 1795 undergraduate declared majors, Fall 2017
- 662 undergraduate degrees granted, AY 2017
- 329 graduate students, Fall 2017
- 128 MS and PhD degrees, AY 2017

## ACADEMIC PROGRAMS

- PhD, Computer Science & Engineering
- MS/MSE, Computer Science & Engineering
- BSE, Computer Science
- BS, Computer Science (LSA)
- BSE, Computer Engineering
- BSE, Data Science
- Minor, Computer Science

## RANKINGS

- CSrankings.org:
  - Institutional Ranking in Computer Science: 7 (2005–2017)
- US News & World Report:
  - Graduate Program in Computer Engineering: 6 (2018)
  - Graduate Program in Computer Science: 13 (2014)
  - Undergraduate Program in Computer Engineering: 7 (2018)
  - US News does not provide a ranking for undergraduate computer science.

## RESEARCH AREAS

Artificial Intelligence • Bioinformatics • Cognitive Architectures • Collaborative and Social Computing • Computational Healthcare • Computational Modeling of Human Emotion • Computer Architecture • Computer Games and Artificial Environments • Computer Vision • Cryptographic Protocols • Data Center Architecture • Data Mining and Big Data • Database Systems • Electronic Commerce • Embedded, Networked, and Wireless Systems • Interactive Systems • Low Power Computing • Machine Learning • Medical Device Security • Mobile Learning • Multicore and Parallel Systems • Natural Language Processing and Information Retrieval • Operating, Distributed, and Cloud Systems • Parallel and Distributed Processing • Performative and Mobile Art and Creativity • Pervasive and Mobile Computing • Quantum Computing and Information Processing • Robotics • Robust and Self-Healing Systems • Security and Privacy • Software and Real-Time Computing • Storage Systems • Theory of Computation • Verification, Testing, and Physical Design

## RESEARCH EXPENDITURES, FY17

- \$26+ Million

## LIFE AT CSE

- CS Kickstart program introduces first year women to CS; undergraduate and graduate student groups for women in CSE
- CSE Honors Competition recognizes outstanding research
- Weekly teas hosted by CSE graduate student organization
- CS-centric department-wide outings and annual picnic

## SOME OF OUR SPONSORS:

Alfred P. Sloan Foundation, ARM, AT&T, Bill and Melinda Gates Foundation, Defense Science and Technology Laboratory, Denso International America, Depts. of Defense (Air Force, Army, DARPA, Navy), Dept. of Energy, Dept. of Health and Human Services, Dept. of Homeland Security, Dept. of the Interior, Dept. of Veterans Affairs, Ford Motor Company, Future of Life Institute, General Motors, George Lucas Foundation, Google, Huawei Technologies, IBM, Intel, Intuitive Surgical, Inc., John Templeton Foundation, King Abdullah University of Science and Technology, Leona M. and Harry B. Helmsley Charitable Foundation, LG Chemical Company, Michigan Economic Development Corporation, National Aeronautics and Space Administration, National Institutes of Health, National Science Foundation, Open Philanthropy Project, Proctor and Gamble, Qatar Foundation, Samsung, Semiconductor Research Corporation, T-Mobile USA, Toyota Research Institute, United States Postal Service