

The University of Memphis Department of Computer Science offers bachelor's, master's and doctoral degrees in computer science, as well as an accelerated bachelor's/master's program and two graduate certificates (cybersecurity and data science). Our 20 faculty members are highly productive researchers. With more than \$20 million in active research grants, the department has been ranked 55th nationwide among CS departments in federally funded research expenditures and 80th nationwide among 173 doctoral computer science programs in citations of tenure-track faculty. Our faculty include two IEEE Fellows, an ACM Distinguished Speaker and the first state-endowed chair of excellence in computer science in Tennessee.

FALL 2019 NEW TENURE-TRACK FACULTY HIRE



Amy Cook
PhD, Human-Computer Interaction,
Carnegie Mellon University, 2019

RESEARCH HIGHLIGHTS

- Dr. Lan Wang is on a team that was awarded \$418,000 from the Public Safety Communications Research Division of NIST to work with the City of Memphis on Map901: Building Rich Interior Hazard Maps for First Responders.
- The Center of Excellence for Mobile Sensor Data-to-Knowledge (MD2K), now in its fifth year under the direction of Dr. Santosh Kumar, landed two grants totaling \$2 million from NSF and NIH that will enable the center to enhance its software infrastructure, and also join the effort to curb opioid abuse.
- The Center for Information Assurance (CfIA) successfully hosted its 11th annual Mid-South Cybersecurity Summit on Oct. 5. Center director Dr. Dipankar Dasgupta gave an invited talk at Oxford University on his patented adaptive multi-factor authentication research (cs.ox.ac.uk/seminars/2225.html) on June 7.

STUDENT AND ALUMNI HIGHLIGHTS

- The inaugural Mid-South Student Hackathon, a joint effort between student organizations at the UofM and Christian Brothers University, was held March 8-9 at the FedEx Institute of Technology. International Paper, The Seam, Blockchain901 and the IEEE Memphis chapter helped sponsor the hackathon.
- Kareem Dasilva and Brandon Ellis, both members of the Memphis chapter of Black Data Processing Associates (BDPA), were on a team that placed first among five teams at the StartCo 48 Hours Launch Competition on Nov. 11.
- Undergraduates Marshal Hayes, Michael Bowman and Daniel Linn placed first at the UT Martin local site of the ACM International Collegiate Programming Contest on Nov. 3, 2018. The team bested eight other teams at the UT Martin site and placed 39th out of 125 teams in the Mid-Central USA region of five states.
- Nine students from the Memphis chapter of Black Data Processing Associates qualified to attend the annual BDPA National Conference in New Orleans in August 2018. Four students (Brandon Ellis, Bryce Ellis, Cody Seymour, Jada Thomas) were awarded \$2,500 scholarships.

OTHER HIGHLIGHTS

- The department received a one-year \$10,000 grant from the National Center for Women and Information Technology (NCWIT) to improve recruitment and retention of female undergraduate CS students.