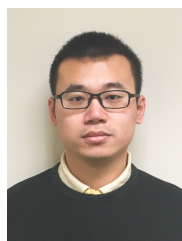The Computer Science Department at the University of Memphis offers bachelor's, master's, and doctoral degrees in computer science, an accelerated bachelor's/master's program, and graduate certificates in Cyber Security and Data Science. Our 19 faculty members are highly productive researchers. The Department has been ranked 55th nationwide among CS departments in federally funded research expenditures, and 80th nationwide among 173 doctoral computer science programs in publication citations. We have 2 IEEE Fellows, an ACM Distinguished Speaker, and the first state-endowed chair of excellence in computer science in Tennessee.
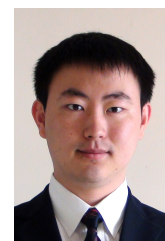
Fall 2018 Tenure-Track Faculty Hires

Xing Gao
Security, cloud computing
PhD, College of William and Mary, 2018

Myounggyu Won
Cyber physical systems, intelligent transportation systems
PhD, Texas A&M U, 2013

Xiaofei Zhang
Graph databases
PhD, HKUST, 2013

Research Highlights
- NIH-funded MD2K Center of Excellence (https://md2k.org), led by Dr. Santosh Kumar, received a new $1.75M CRI grant from NSF to enable reproducibility in mobile sensor big data research by using MD2K's software platforms, already being used in 14 research studies across 11 states producing 300 terabytes of sensor data.
- Profs. Vasile Rus and Scott Fleming received a $759K grant from NSF to apply educational technologies to early computer science courses in order to increase students' programming skills, self-efficacy, and retention rates.
- Prof. Dipankar Dasgupta was awarded a $206K CAE Cyber Security Workforce Education Grant to develop interactive, hands-on exercises to integrate into cyber security curricula.
- Prof. Dipankar Dasgupta received a Best Paper (Honorable Mention) award at ICISS 2017.

Student and Alumni Highlights
- PhD student Austin Henley accepted a tenure-track faculty position at the University of Tennessee, Knoxville.
- Six PhD students were accepted to the 2018 CRA-Women Grad Cohort Workshop, April 13-14 in San Francisco.
- A team of undergraduates from the Center for Information Assurance took first place in the Department of Energy Cyber Defense Competition held at Oak Ridge National Lab on April 6-7, 2018, and 1st place in the CANSec Student Cyber-Defense Competition on Oct. 29, 2017 at the Missouri University of Science and Technology.
- Former M.S. Applied Computer Science student Charles Lancaster, Jr., received the 2017 Sedgwick Most Valued Performer Award and the prestigious Diamond Award.

Other Highlights
- The Center for Information Assurance, led by Profs. Dipankar Dasgupta and Kan Yang, hosted the 10th annual Mid-South Cyber Security Summit on Oct. 12, 2017, and organized the Cyber Ambassadors Tech Camp introducing high-school students to ethical hacking, software patching, and coding in Summer 2018.
- The fourth annual meeting for the NIH-funded MD2K Center of Excellence was held at the UofM's FedEx Institute of Technology on Oct. 24-25, 2017.
- Prof. Vinhthuy Phan taught a series of workshops on using Python for data analytics, data science, and machine learning. Two workshops have been held so far, with four more planned for the rest of this year.