Ahn was among 49 computer scientists named Distinguished Members by the Association for Computing Machinery in 2015 for his research in addressing critical cybersecurity challenges. An expert in security analytics and big-data-driven security intelligence, Ahn directs the Center for Cybersecurity and Digital Forensics and is helping to lead ASU’s contributions to a $28.1 million national research program to protect the country’s electricity infrastructure from attacks.

In a unanimous vote, the American Society for Quality’s Board of Directors approved the nomination of Montgomery as an ASQ Honorary Member, only the 25th elevated to this position since 1946. Montgomery’s expertise in statistical control placed him among the organization’s illustrious membership, which includes many of the modern pioneers and eminent figures in academia and industry.

Computer science graduate student Tathagata Chakraborti is working to ensure that increasingly prevalent artificial intelligences work well with others — especially humans. His work has earned him an IBM Ph.D. Fellowship award, a competitive, worldwide program that honors exceptional students pursuing innovations in computing technology and striving to solve problems that align with IBM’s research goals.

Complex applications like manufacturing, social network analysis, healthcare and fraud detection have data that exhibit different forms of variability. Assistant Professor He looks to create new algorithms and theories that will advance the ability to analyze multiple types of data. Her efforts have earned her a National Science Foundation CAREER Award to find solutions to the most pressing problems in the world of Big Data.

Learn more about student achievements at engineering.asu.edu/achieve
Building capacity to create scalable solutions

New faculty

Heni Ben Amor, assistant professor
Ph.D., Technical University Freiberg

Adam Doupé, assistant professor
Ph.D., University of California, Santa Barbara

Adolfo Escobedo, assistant professor
Ph.D., Texas A&M University

Jingrui He, assistant professor
Ph.D., Carnegie Mellon University

Sharon Hsiao, assistant professor
Ph.D., University of Pittsburgh

Feng Ju, assistant professor
Ph.D., University of Wisconsin-Madison

Paolo Papotti, assistant professor
Ph.D., Università degli Roma Tre, Italy

Ted Pavlic, assistant professor
Ph.D., The Ohio State University

Giulia Pedrielli, assistant professor
Ph.D., Politecnico di Milano, Italy

Fengbo Ren, assistant professor
Ph.D., University of California, Los Angeles

Mohamed Sarwat, assistant professor
Ph.D., University of Minnesota

Jorge Sefair, assistant professor
Ph.D., University of Florida

Paulo Shakarian, assistant professor
Ph.D., University of Maryland, College Park

Hanghang Tong, assistant professor
Ph.D., Carnegie Mellon University

Yezhou Yang, assistant professor
Ph.D., University of Maryland, College Park

Yu (Tony) Zhang, assistant professor
Ph.D., University of Tennessee, Knoxville

Ming Zhao, assistant professor
Ph.D., University of Florida

Early career awards

Georgios Fainekos, NSF
Jingrui He, NSF
Jing Li, NSF
Ross Maciejewski, NSF
Paulo Shakarian, AFOSR
Aviral Shrivastava, NSF
Ming Zhao, NSF

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Gail-Joon Ahn
Paulo Shakarian

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Gail-Joon Ahn
Selçuk Candan
Hasan Davulcu
Huan Liu
Teresa Wu

Professional honors

Gail-Joon Ahn, ACM Distinguished Scientist

Ron Askin, 2016 Distinguished Alumni for Excellence in Academia from Lehigh University; editor-in-chief, IIE Transactions, the flagship journal of the Institute of Industrial Engineers

Selçuk Candan, ACM Distinguished Scientist

James Collofello, Engineers Week 2012 Outstanding Educator of the Year, Daniel Jankowski Legacy Award

Subbarao Kambhampati, elected president of AAAI

Huan Liu, IEEE Fellow, Yahoo! Faculty Research and Engagement Program, ACM Distinguished Scientist, ASU President’s Award for Innovation

Ross Maciejewski, U.S. Coast Guard Meritorious Team Commendation for his work on the Port Resilience for Operational/Tactical Enforcement to Combat Terrorism Team (PROTECT)

Pitu Mirchandani, INFORMS Fellow, named Avnet Chair in Supply Chain Networks

Douglas Montgomery, American Society for Quality (ASQ) Honorary Member

Sethuraman “Panch” Pancharanathan, appointed to U.S. National Science Board, selected as a 2013 Fellow of the National Academies of Inventors

Kurt VanLehn, Diane and Gary Tooker Chair for Effective Education in Science, Technology, Engineering and Math

Sarma Vrudhula, IEEE Fellow

Guoliang Xue, IEEE Fellow

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