DEPARTMENT OF COMPUTER SCIENCE & ELECTRICAL ENGINEERING
UMBC

UMBC CSEE is a growing institution. Meet some of our newest faculty members!

Tejas Gokhale
Assistant Professor
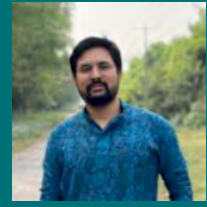*AI, Machine Learning, Signal Processing*

Lara J. Martin
Assistant Professor
Natural Language Generation, Neurosymbolic AI

Ajinkya Borle
Lecturer
Quantum Computing, Optimization

Mihail Cutitaru
Senior Lecturer
Computer Architecture, Embedded Systems

KMA Solaiman (Salvi)
Lecturer
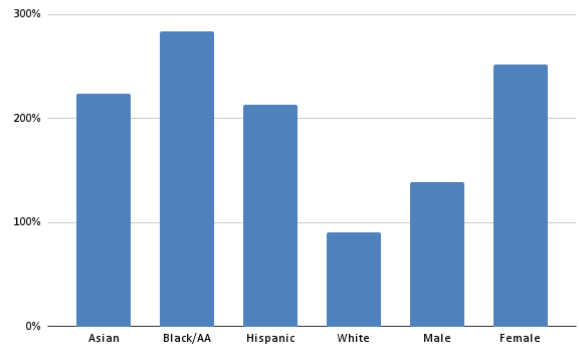*Machine Learning, Multimodal Data Management*

CSEE Highlights

- Dr. Naghmeh Karimi's SECRETS Lab members, along with their collaborators, won the Best Hardware Demo Award at the 2023 IEEE International Symposium on Hardware Oriented Security and Trust (HOST), a flagship hardware Security Conference held in San Jose, California

- Professor Ramana Vinjamuri lead a research group that won a *shark tank* style pitch contest sponsored by the MD New Venture Fellowship Program for their work on developing wearable devices that can detect and help manage stress.

- CSEE Professor Alan Sherman and his colleagues received the Best Paper award in the Computing Education Research Track at the 2023 ACM SIGCSE Technical Symposium.

- The National Science Foundation has awarded UMBC CSEE Professor Chenchen Liu a five-year CAREER award to further her transformative work on AI systems.

- CSEE's Dr. Richard Forno, was recently appointed an Honorary International Professor at the Universidad Autónoma del Estado de Hidalgo (UAEH), one of Mexico's older universities, in recognition of his accomplishments in both the cybersecurity industry and now in academia.

Faculty members Fow Sen Choa, Tinoosh Mohsenin, Curtis Menyuk, Gary Carter, and Ergun Simsek form Centaur (Center for Navigation, Timing and Frequency Research) in partnership with ARL to research light-based timing and navigation technologies.

CSEE Numbers at a Glance, 2023

- Enrollment: 2,056 Undergraduates, 1,233 Graduates

- Degrees Granted: 367 Bachelors, 465 Masters (171 MS & 294 MPS), 19 Ph.D. Graduates

- Faculty: 38 Tenured and Tenure Track, 59 Teaching, 4 Research; 9 Fellows of professional societies; 15 (current or past faculty) CAREER awardees

CSEE Fall Enrollment of Full-Time Undergraduates, 2023 vs 2013

UMBC CSEE student body is not only growing, but also growing more diverse, reflecting our commitment to inclusion.

Highlighting CSEE Student Accomplishments

Christopher Slaughter was awarded a Gates Cambridge Scholarship to pursue a Ph.D. in Electrical Engineering at the University of Cambridge. Chris, who also served as the Class of 2023 Valedictorian, hopes to develop novel biomedical technologies for under-resourced communities.