Peng “Patrick” Sun
Assistant Professor
Ph.D. from Rice University
Research Focus: Sensing system development, sensing social dynamics by computer vision, structural health monitoring, non-destructive evaluation

Guoxing Chen
Assistant Professor
Cyber Security and Privacy Cluster
Ph.D. from The Ohio State University
Research Focus: System security; side-channel security; trusted execution environment; differential privacy.

Johnathan Mell
Assistant Professor
Learning Sciences Cluster
Ph.D. from University of Southern California
Research Focus: Artificial intelligence; human-computer interaction; negotiation; education; socially-aware virtual agents; behavioral game theory; cognitive models; practical applications.

Jiannan “Nick” Chen
Assistant Professor
Ph.D. from University of Wisconsin
Research Focus: Developing polymer-based material for waste containment and environmental remediation in the urban area.

Carolina Cruz-Neira, NAE
Agere Chair Professor in Computer Science
Ph.D. from University of Illinois at Chicago
Research Focus: The infrastructure, technology, software architectures and end-user applications for virtual and augmented reality.

Dirk Reiners
Associate Professor
Ph.D. from Technical University of Darmstadt, Germany
Research Focus: Display systems and techniques for real-time display of virtual environments and interactive visualization of large data.

Yuxiao Yang
Assistant Professor
Disability, Aging and Technology Cluster
Ph.D. from University of Southern California
Research Focus: Neural engineering; brain-machine interface; machine learning; stochastic signal processing; control theory.

Ozlem Ozmen
Assistant Professor
NanoScience Technology Center
Ph.D. from Auburn University
Research Focus: Implantable and biomimetic devices; wearable electronics for biosensing and drug delivery; embedded sensors for structural health monitoring; agricultural biosensors.

Wen Shen
Assistant Professor
Ph.D. from University of Central Florida
Research Focus: Human-centered computing, artificial social intelligence, human-machine teams, machine learning applied to nanoscience, social media, evolutionary computation, complex systems.

DEPARTMENT OF CIVIL, ENVIRONMENTAL AND CONSTRUCTION ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE

DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING

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$204.5 Million
UCF Research Funding FY 2020

$50.59 Million
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