Meet Our New Research Faculty 2017

DEPARTMENT OF MATERIALS SCIENCE & ENGINEERING

AKIHIRO KUSHIMA
Assistant Professor
Materials Science Cluster
Ph.D. from Kyoto University
Research: In-situ transmission electron microscopy; atomic simulation; nanocharacterization; nano-mechanics; energy-storage materials

KRISTOPHER O. DAVIS
Assistant Professor
Renewable Energy Systems Cluster
Ph.D. from University of Central Florida
Research: Photovoltaics; manufacturing; characterization; optical and electronic materials; interface and thin film analysis

KAITLYN E. CRAWFORD
Assistant Professor
Prosthetic Interfaces Cluster
Ph.D. from University of Maryland, College Park
Research: Soft matter; self-assembly; nanomaterials; wearable sensors; bionic materials

ELIZABETH J. BRISBOIS
Assistant Professor
Genomics and Bioinformatics Cluster
Ph.D. from University of Minnesota, Twin Cities
Research: Computational biology; machine learning; data mining

DEPARTMENT OF CIVIL, ENVIRONMENTAL & CONSTRUCTION ENGINEERING

GEORGIOS APOSTOLAKIS
Assistant Professor
Ph.D. from SUNY at Buffalo
Research: Computational mechanics; thermodynamics; mixed variational principles for dynamic response; evolutionary structural optimization; offshore structures

LUIS G. ABOLEDA-MONSAULVE
Assistant Professor
Ph.D. from Northeastern University
Research: Full-scale performance and instrumentation of geotechnical structures; deep excavations; soil-slab interaction; geotechnical earthquake engineering; advanced soil testing; constitutive soil modeling

HAOFEI YU
Assistant Professor
Ph.D. from University of South Florida
Research: Air quality modeling; emissions estimation; air pollution exposure assessment and health impact analysis

DEPARTMENT OF COMPUTER SCIENCE

AZIZ MOHAISEN
Associate Professor
Cybersecurity and Privacy Cluster
Ph.D. from University of Minnesota
Research: Computer security and online privacy with applications to hacking; denial of service; domain name systems; Internet of Things (IoT); and mobile systems

XINWEN FU
Associate Professor
Cybersecurity and Privacy Cluster
Ph.D. from Rice University
Research: Network security and privacy; Internet of Things security and privacy; mobile security and privacy; digital forensics

WEI ZHANG
Assistant Professor
Genomics and Bioinformatics Cluster
Ph.D. from University of Minnesota, Twin Cities
Research: Computational biology; machine learning; data mining
Faculty Cluster Initiative

UCF IS HIRING IN SELECT FIELDS to advance the university’s areas of excellence and global impact. The initiative leverages UCF’s existing strengths and fosters the development of strong, interdisciplinary teams focused on solving today’s toughest scientific and societal challenges through teaching and research.

Cyber Security and Privacy
Energy Conversion and Propulsion
Genomics and Bioinformatics
Prosthetic Interfaces
Renewable Energy Systems
Sustainable Coastal Systems

OPPORTUNITY STARTS HERE

For more information about the COLLEGE OF ENGINEERING AND COMPUTER SCIENCE see <<< cecs.ucf.edu >>>

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