Meet Our 7 NSF CAREER Awardees IN THE UCF COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

Department of Computer Science

FEI LIU, Ph.D.
Neural Transcript Summarization and Induction of Document Structure
$494,348
Liu's Award Summary

SHARMA THANKACHAN, Ph.D.
Algorithmic Aspects of Pan-genomic Data Modeling, Indexing and Querying
$595,271
Thankachan's Award Summary

Department of Materials Science and Engineering

TENGFEI JIANG, Ph.D.
Reliability of 3-Dimensional Interconnects for Heterogeneous Integration: An Integrated Experimental and Modeling Study
$500,000
Jiang's Award Summary

YEONWOONG “ERIC” JUNG, Ph.D.
Scalable Lamination Printing of Near Atomically Thin Electronic Materials with Mechanical Stretchability
$562,713
Jung's Award Summary

Department of Mechanical and Aerospace Engineering

KAWAI KWOK, Ph.D.
Harnessing Snapping Instabilities for Shape-Reconfigurable Structures
$500,486
Kwok's Award Summary

Department of Electrical and Computer Engineering

BRIAN KIM, Ph.D.
Superresolution Neurochemical Probe Using Stochastic Neurotransmitter Localization
$500,000
Kim's Award Summary

Department of Civil, Environmental and Construction Engineering

THOMAS WAHL, Ph.D.
The Effect of Spatiotemporal Storm Surge Clusters on Coastal Flood Risk
$550,000
Wahl's Award Summary

National Science Foundation CAREER Awards are highly competitive awards given to early-career scientists and engineers with potential of leading major advances in their respective fields and who will serve as academic role models. Winning an NSF CAREER Award is considered a distinctive national honor.

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Read about all eight NSF CAREER Awardees at UCF in 2022
https://tinyurl.com/UCFNSF2022

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