FAU DIVISION OF RESEARCH
Florida Atlantic University

2019 CAREER Applicants	PI Name	Department or Pillar	Proposal and Contract Administrator (PCA)	Dean of Research
CAREER: Social Environments and Identities in an Era of Biodiversity Crisis – Generating Knowledge from the Kavango Zambezi Transfrontier Conservation Area	LaRocco, Annette	POLITICAL SCIENCE	Karen Bone	Aimee Arias
CAREER: Modeling, Control, and Prognostic for the Next-Generation Marine Hydrokinetic Energy Systems	Tang, Yufei	PILLAR-SENSING (I-SENSE)	Lori DeMartino	Jason Hallstrom
CAREER: Development of a point-of-care platform for the detection of infectious viruses	Asghar, Waseem	COMP.,ELECT. ENG., & COMP. SCI	Muriel Industrious	Javad Hashemi
CAREER: Measuring Probability of Nanoparticle Attachment on Erythrocytes & Quantifying Subsequent Influence on the Aggregation, Endothelial Adhesion & Deformability of Erythrocytes	Yi, Peng	CIVIL, ENVIRON., & GEOMATICS	Karen Bone	Javad Hashemi
CAREER: RNA Folding - Development of Physics-Based Approaches to Study Ribonucleic Acids	Yildirim, Ilyas	DEPARTMENT OF CHEMISTRY & BIOC	Patrice Cochran	Warner Miller
CAREER: Evaluating the Impacts of Land Use Land Cover on the Life Cycle Characteristics of Severe Thunderstorms in Florida	Liu, Weibo	DEPARTMENT OF GEOSCIENCES	Patrice Cochran	Warner Miller
CAREER: Sensorimotor representations in visual working memory	Ester, Edward	DEPARTMENT OF PSYCHOLOGY	Patrice Cochran	Warner Miller
CAREER: Creating a dynamic organoid ecosystem	Kang, Yunqing	OCEAN & MECHANICAL ENGINEERING	Muriel Industrious	Javad Hashemi

to mimic human tumor cell growth				
CAREER: Towards Efficient Cryptography for Next Generation Applications	Liu, Feng-Hao	COMP.,ELECT. ENG., & COMP. SCI	Muriel Industrious	Javad Hashemi
CAREER: Tuning fish: mechanics of biomaterials change with changing demands of locomotion	Porter, Marianne	BIOLOGICAL SCIENCE, DEPARTMENT	Patrice Cochran	Warner Miller
CAREER: Advanced data analytics for early detection of Alzheimer's disease using wearables and smartphone	Ghoraani, Behnaz	PILLAR-SENSING (I-SENSE)	Lori DeMartino	Jason Hallstrom
CAREER: Methods, Techniques and Algorithms For Measuring, Characterizing and Remediating the Insecurity of the IoT Paradigm	Bou-Harb, Elias	COMP.,ELECT. ENG., & COMP. SCI	Muriel Industrious	Javad Hashemi
CAREER: Summarizing Events for Disaster Information Management	Wang, Dingding	COMP.,ELECT. ENG., & COMP. SCI	Muriel Industrious	Javad Hashemi
CAREER: Human-Inspired Trust Controllers for Adaptive Autonomous Systems	Nojoumian, Mehrdad	COMP.,ELECT. ENG., & COMP. SCI	Muriel Industrious	Javad Hashemi
CAREER: Capturing the Elusive CO2 via a Seawater-Driven Catalytic Separation for Environmental Cleanup and Ocean Health	Kim, Myeongsub	OCEAN & MECHANICAL ENGINEERING	Muriel Industrious	Javad Hashemi