Funded Research Proposals

Submitted Through AIRISE or Through AIRISE Affiliate Faculty

"MRI: Acquisition of a Cyberinstrument for AI-Enabled Computational Science & Engineering" (NSF, $929K); PI: Amy Apon; Co-PI(s): F. Luo, KC Wang, M. Chowdhury, D. Perahia.

"RAPID: Cyber-Hostility and COVID-19" (NSF, $199,996, awarded); PI: Matthew Costello; Co-PI(s): Long Cheng, Yin Yang, Hongxin Hu, Feng Luo.

"Deep Learning Convolutional Neural Network to aid in Subclassification and Diagnosis of Neoplastic and Inflammatory Skin Conditions Through Whole Slide Imaging" (Clemson and MUSC AI Pilot Project, $25K awarded); PIs: Jessica Forcucci (MUSC), Luo; Co-PI(s): with six co-PIs.

"EAGER: SaTC-EDU: Mathematically-grounded metaphors to teach AI-related cybersecurity" (NSF 315982); PI: Nicole Bannister Sinwell; co-PIs: Kelly Caine, Bart Knijnenburg.

"MTM2: Drivers of functional redundancy across microbiomes" (NSF, $2,500,000); PI: Barbara Campbell, Co-PI: Feng Luo, Anna Seekatz, Sharon Bewick, Vidya Suseela.