



## Reid Powell, PhD Assistant Professor

*Implementing Deep Neural Network Technologies Across  
Experimental Scales*

Dr. Powell has a diverse research background with expertise in cell and molecular biology, bio-informatics, and lab automation. He is currently an Assistant Professor in the Gulf Coast Consortia's Combinatorial Drug Discovery Program at Texas A&M Institute of Bioscience and Technology, where he also received his PhD. Throughout his career, he has developed a wide array of image based and biochemical high throughput screening platforms, which have been used to develop and repurpose drugs across multiple disease contexts including cancer, pathogenic infections, and neurologic disorders. He also has an interest in the development of methods used to contextualize high throughput screening data using integrative approaches that combine genomics, transcriptomics, chemical, and pharmacologic data sources.