



CENTER of EXCELLENCE  
for ENGINEERING BIOLOGY



## Jacob Beal

Dr. Jacob Beal is a scientist at Raytheon BBN Technologies, as well as a research affiliate of MIT and the University of Iowa. He leads research on analyzing and engineering complex aggregates, such as engineered and natural cells, genetic regulatory networks, sensor networks, and robot swarms. His work in the area of synthetic biology includes development of methods for calibrated flow cytometry, precision analysis and design of genetic regulatory networks, engineering of biological regulatory devices, and standards for representation and communication of biological designs.