



NEUROBEHAVIORAL TREATMENT DISCOVERY LAB

FULL-TIME RESEARCH POSITIONS AVAILABLE FOR NEW AND RECENT GRADUATES

The goal of our research group is to understand causes and advance novel, personalized treatment approaches for fragile X syndrome and related neurodevelopmental disorders. Our current laboratory and clinic-based research projects focus on human biomarker development as well as increasing successful outcomes through clinical research and treatment in young children, youth and adults impacted by fragile X and related disorders. Projects with individuals with neurodevelopmental disorders include clinical measures of behavior and cognitive ability, neuroimaging studies of brain development using Electroencephalography (EEG), functional Near Infrared Spectroscopy (fNIRS), functional Magnetic Resonance Imaging (fMRI), and transcranial magnetic stimulation (TMS), and medication treatment trials. In our translational neuroscience bench lab, we use novel human blood protein, RNA, and DNA (long read sequencing) analyses to better understand the pathophysiology of fragile X and related disorders. Our overall projects frequently focus on integration of human and animal and other bench research in order to identify potential treatment targets and biomarkers of treatment response. Our lab collaborates with many top neurodevelopmental research programs conducting bench-to-bedside studies across the United States and the world.

We are currently hiring research coordinators for both our human clinical research projects and in our basic science labs. These positions are varied, but generally require a bachelor's degree in neuroscience, biology, computer science, psychology, or related field, and are for a minimum of 2 years. Successful applicants are bright, motivated post-baccalaureate students with a passion for research, neuroscience and neurodevelopmental disorders.

INTERESTED IN WHAT WE DO?

**CONTACT US AT CRAIG.ERICKSON@CCHMC.ORG
PLEASE INCLUDE YOUR RESUME OR CV FOR
CONSIDERATION**