

## **Farrow, Emily**

I received my undergraduate degree in biochemistry from the University of Missouri-Columbia. After working in the pharmaceutical industry for 5 years, I returned to school to obtain my Masters in Genetic Counseling and PhD in Molecular Genetics from Indiana University (IU) School of Medicine. After graduation, I completed a post-doctoral fellowship at IU studying FGF23 in phosphate regulation and metabolic bone disease. In 2012, I joined the Center for Pediatric Genomic Medicine (CPGM) at Children's Mercy Hospital in Kansas City as an Assistant Professor with the University of Missouri-Kansas City School of Medicine, and became the Director of Laboratory Operations of the CPGM later that year. I remain a board-certified genetic counselor. The Center for Pediatric Genomic Medicine was one of the first genome centers wholly located within a pediatric hospital. The Center's focus is to use next generation sequencing to understand the role of genomics in disease. The laboratory currently supports both clinical and research testing. Currently, we offer clinical genome and exome sequencing, which are routinely ordered in the hospital. The laboratory also supports transcriptome, methylation, and single cell sequencing. My current personal research focus involves using advanced genomic techniques to analyze diversity in bone cell populations.