



Bostwick, Bret

Dr. Bret Bostwick's clinical practice involves the diagnosis, counseling and management of individuals with rare genetic disorders. He has a passion for the evaluation of complex phenotypes and multi-system disease. He performs inpatient and outpatient medical genetics consultations for Texas Children's Hospital.

He is involved in teaching medical students, genetic counseling students and medical residents. Revolutionary changes in healthcare are demanding physicians excel in team-based care and complex health systems. The recent wave of personalized medicine, including the use of genome sequencing, requires longitudinal integration of the basic sciences with the clinical sciences. He enjoys the challenge of adapting teaching techniques to meet the needs of this ever-changing healthcare landscape.

His research interests include the application of RNAi therapeutics for rare orphan CNS diseases. Their group utilizes machine learning approaches for genomic interpretation and RNAi therapeutic target discovery.