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Dr. Davis is the chief of the Division of Pediatric Hematology-Oncology in the North Carolina Children's Hospital and co-lead for the Cancer Genetics program in the Lineberger Comprehensive Cancer Center. Following medical school at Northwestern University and a doctorate in genetics from the University of Illinois at Chicago, Dr. Davis completed residency and chief residency at Boston Children's Hospital and fellowship at Dana-Farber Cancer Institute/Boston Children's Hospital. Dr. Davis, the G. Denman Hammond Professor for Childhood Cancer, is a physician-scientist with a focus on childhood solid tumors and chromatin biology. Research in his lab explores the relationship between genetic alterations in cancer and their epigenomic and transcriptomic consequences. His lab has pioneered the use of epigenomic approaches and platforms for basic biological and therapeutic discovery. Dr. Davis has led T32 fellowship training programs in Cancer Epigenetics and Pediatric Therapeutic Discovery.