Dr. Terrie Inder is a dual boarded child neurologist and neonatologist who undertakes clinical and translational research into the nature and timing of brain injury and alterations in brain development using magnetic resonance imaging (MRI) techniques. Dr. Inder has undertaken longitudinal studies in three large cohorts of high risk infants that have been followed up to adolescence to examine the relationship of alterations in brain structure to developmental outcomes. Her laboratory aims to undertake clinical investigations of treatments and preventive strategies that may improve outcomes in high risk infants. They also strive to have a means of accurate, early diagnosis of brain injury or altered brain development. Dr. Inder has published over 200 peer - reviewed scientific papers. Alongside this focused research effort, she has acquired leadership skills in neuroscience research and academic activities, including mentorship. She was recruited to Brigham and Women's Hospital in 2013 as Chair of New Department of Pediatric Newborn Medicine.