Dr. Dobyns is a physician-scientist trained in both pediatric neurology and medical genetics, and director of a molecular genetics laboratory that studies the nature and causes of numerous developmental brain disorders in children. While best known for studies of lissencephaly, his work has involved many different disorders including early childhood epilepsy, intellectual disability, autism, microcephaly and macrocephaly, many malformations of cortical development, malformations of the corpus callosum, brainstem and cerebellum, vascular malformations both in the brain and elsewhere, childhood stroke, and mosaicism as a mechanism of disease.