Clinical Neurogenetics Fellowship Program

• Program Director: Dr. Scott Demarest, MD, Children’s Hospital Colorado (GMEC approved)

• Inaugural year of collaborative program funded by patient advocacy groups representing different developmental epileptic encephalopathies (DEEs)

• Successful model for educating next generation of pediatric neurologists with genetic specialization will be extended to additional institutions
Program Goals

• Graduates of the neurogenetic fellowship program will be able to diagnose, manage and provide precision therapeutics to a wide range of neurogenetic conditions, specifically the DEEs.

• Neurogenetics Fellows will also function as excellent future collaborators for clinical research in the rare epilepsies.
Core Neurogenetic Training Pathway

• Develop expertise in the genetic principals and pathophysiologic mechanisms underlying neurogenetic conditions.
• Develop expertise and practice independence in the diagnosis of neurogenetic conditions.
• Develop expertise in the pre and post gene testing counseling.
• Develop an understanding of the various manifestations of neurogenetic conditions and collaboration with a multi-disciplinary treatment team.
• Develop the expertise necessary to establish a precision neurogenetic treatment program including