LEARNING OBJECTIVES

• To describe the formation and structure of the Center for Perception and Communication in Children (CPCC).
• To discuss available and emerging core resources.
• To review the research programs of junior investigators who form the critical mass of scientists in the CPCC.
• To describe research findings from two laboratories investigating questions of potential interest to investigators in UNO’s Movement Center and Biomechanics Grand Rounds. These studies involve assessing hearing in children with severe motor impairments (Leibold lab) and understanding vestibular and balance impairment during childhood (Janky lab).

ABOUT DR. LEIBOLD

Lori Leibold, Ph.D., is a senior scientist and the Director of the Center for Perception and Communication in Children, funded by a Centers of Biomedical Research Excellence (COBRE) grant from the National Institutions of Health. The Center is thematically focused on identifying mechanisms and factors that influence children’s language, speech, hearing, and cognitive development. Dr. Leibold is completed training in audiology at the University of Western Ontario before completing her Ph.D. at the University of Washington. Her research aims to: (1) understand how hearing develops across infancy and childhood; (2) develop better tools for assessing hearing using behavioral methods in children who are difficult to test; and (3) ameliorate the detrimental effects of hearing loss on the development of hearing in complex acoustic environments that contain multiple sources of sound.