

# SEMINAR SERIES

Supported by The Department of Biomechanics and  
The Center for Research in Human Movement Variability (MOVCENTR)

## CENTER FOR PERCEPTION AND COMMUNICATION IN CHILDREN: RESEARCH CORES

Featuring Drs. Lori Leibold, Karla McGregor, Daniel Rasetshwane,  
and Chris Stecker

Boys Town National Research Hospital

March 13, 2020 | 12:00 - 1:15 pm | BRB 167

Parking Available in Lot T

### ABOUT THE CENTER

The Center for Perception and Communication in Children (CPC), funded by a Centers of Biomedical Research Excellence (COBRE) award, is thematically focused on identifying mechanisms and factors that influence children's auditory and visual perception and communicative development. This focus reflects a critical need for translational, multi-disciplinary research investigating outcomes for children with communication disorders. Hearing loss and developmental language disorders are among the most prevalent childhood disorders, and both are associated with a wide range of social, academic, and communication challenges. Addressing the issues faced by these children requires a coordinated approach involving expertise across multiple disciplines, access to clinical populations, institutional resources, and a critical mass of investigators working together. There is an essential need to study and compare multiple populations to address our scientific aims and influence clinical practice, including children with hearing loss, children with normal hearing who have developmental language disorders, and typically developing children.

#### • Administrative Core

- Supports clinical-translational research through management of a mentorship program for Boys Town National Research Hospital junior investigators, funding to support pilot projects as well as maintaining a broad network of intellectual resources.
- Conducts reviews of scientific progress in collaboration with project mentors, the CPC Executive Committee and External Advisory Committee.
- Monitors project and core budgets, while planning for long-term sustainability of core resources.
- Ongoing collaboration with regional research and community partners such as the Great Plains IDeA-CTR Network, the Nebraska INBRE and other Central Region COBRE programs.

#### • Human Subjects Core

- Provides services and expertise to support investigators at all stages with clinical measurement training and administration, human subjects recruitment, and IRB and other regulatory support.

#### • Technology Core

- Provides custom software, hardware, training and data management support to investigators conducting research in communications, hearing and cognition.

more info at [cobre.unomaha.edu](http://cobre.unomaha.edu)

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