RESEARCH SUPPORT

The proposed research project will not require any direct research funds (outside of salary support) to purchase equipment, compensate participants, or fund student research assistants.

Specifically:

- Participant compensation is not required because the proposed study utilizes an existing dataset.
- Equipment funds are not required because Dr. Hustad's laboratory is well-equipped with the necessary tools to code vocalizations and analyze data, including two computers with double monitors and noise cancelling headphones.
- The software used to conduct perceptual coding was purchased in 2022 and is fully installed and ready for use on the two computers that will be used for this research project.
- The software used for acoustic and statistical analyses is either openly available through a UW-Madison license (MATLAB) or is open-source (R Studio).
- Research assistants will be funded through existing grants awarded to myself and Dr. Hustad, described below.

As permitted, funding will be requested through the TL1 for scientific conference attendance and tuition for PHS: 709 course on clinical and translational research methods in health care. If funding is declined through the TL1 program, funds for these efforts will be requested through the Friends of the Waisman Center as described below. I can also request to informally audit the course with instructor permission if no tuition funding is available through any mechanism.

Additional funds for conference travel and research support are available through the following mechanisms:

- **Friends of the Waisman Center:** Travel and coursework funding is available via application through the Friends of the Waisman, a nonprofit organization dedicated to enhancing research activities at the Waisman Center. Conference poster printing is free for trainees of the Waisman Center through this organization.

- **ASHFoundation New Investigators Research Grant (PI: Long):** I received a highly competitive American-Speech-Language-Hearing-Foundation New Investigators Research Grant of $10,000 in 2022. This award provides seed grant funding for a one-year project period, December 2022 to December 2023. This project period encompasses a portion of the proposed project period. This award is currently used to purchase equipment and to fund student research assistant coding at $13/hour from July-December 2023 (overlapping periods of TL1 and grant project period). These funds are not allowed to be used for conference travel.

- **R01 funding for conference travel (PI: Hustad):** Dr. Hustad (Primary Mentor) is PI or Co-PI on three R01 grants that fund WISC laboratory activities. These grants will support student research assistant funding as needed after the ASHFoundation Research Grant project period ends (January-June 2024). These grants can be used to support conference travel, including for attending and presenting at the Motor Speech Conference.

Hustad R01 details				
Funding Source	**Project Title**	**PD/PI**	**Dates**	**Award Amount**
NIDCD R01 DC015653	Differential diagnosis of functional speech deficits in children with CP	Hustad	2016-23 (no cost ext.)	$1,562,493
NIDCD R01 DC009411	Communication development in children with CP	Hustad	2008-23	$2,087,403
NIDCD R01 DC019645	Quantifying articulatory performance in children with dysarthria: Development of an automated metric for clinical use	Hustad/ Berisha	2022-27	$2,324,243