

NRI: FND: Assistive Child-Robot Interventions for Infants with Motor Disabilities

Oregon State University Contributors: Naomi Fitter (PI), Geoffrey Hollinger (Co-PI), Sam Logan (Co-PI), Ameer Helmi (PhD Student), Emily Scheide (PhD Student)

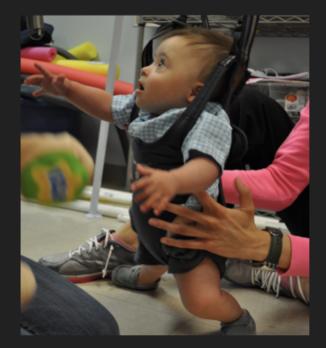
2022 NRI PI Meeting

NSF CMMI-2024950



Motivation

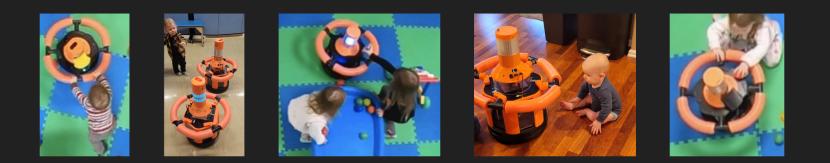
- 7% of children in the U.S. experience developmental disabilities
- Intervention is often delayed until post-infancy
- Early co-robot-mediated interventions are one promising alternative approach





Research Question

How do we enable a mobile assistive robot to encourage children with motor disabilities to practice motor (and other developmental) skills?



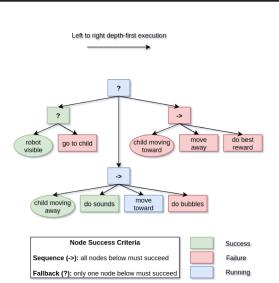


Ongoing Projects











Outreach Activities



