

# How do we design to effectively include young visitors with learning disabilities in science museums?

## Principal Investigators

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## Project Overview

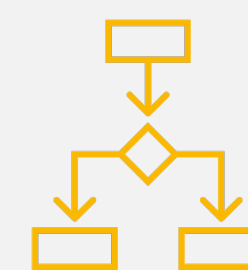
Very little is known about the experiences of people with learning disabilities in informal learning environments. The *Intrinsic Motivation in Science Museums: Learning from and Broadening Participation of Visitors with Learning Disabilities* project will describe ways engagement and intrinsic motivation for learning are and are not supported for science museum visitors with learning disabilities. This work will produce guidelines and resources to support inclusive exhibit design.

## Two science museums:

- Museum of Science, Boston
- Rochester Museum & Science Center (Rochester, NY)



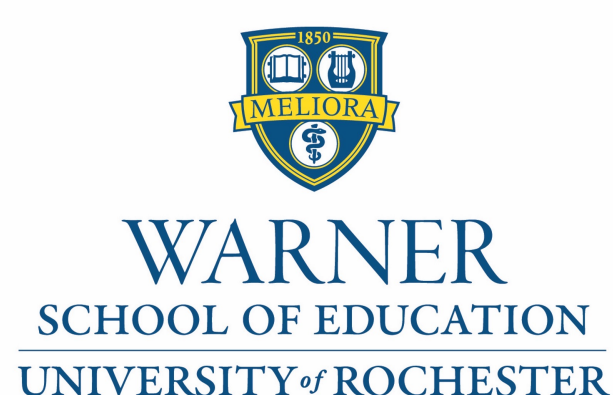
Phase 1 (April-Sept. 2021): **Descriptive study** with 30 participants (15 at each of two museums) to understand visitors' experiences using an array of existing exhibits



Phase 2 (Oct. 2021-Dec. 2022): **Experimental studies** with 80 participants (n = 40 at each museum) to test prototypes of design strategies, informed by Phase 1



Phase 3 (Jan.-Sept. 2023): **Co-design charrette** with youth with LD and ISL practitioners to jointly interpret previous findings and generate guidance for field



DRL 2005571