

Project	Intended use for Impact statement	Impact statement:	Headline (<20 words, < 30s if read outloud):
Model 1	Both	Fear while walking, instability and falls are one of the main problems that people affected by impaired gait suffer from. Our device enhances traditional walking aids capabilities by understanding how the patient is using it and providing a balancing action to the walker via smart-driven wheels.	Fear while walking, instability and falls are one of the main problems that people affected by impaired walking movement, such as Parkinson's disease or Acquired Brain Damage patients, suffer from in their daily lives. Our device enhances traditional walking aids capabilities by interpreting how the user is holding it and how it is rolling over the surface and providing a balancing action to the walker via smart-driven wheels.