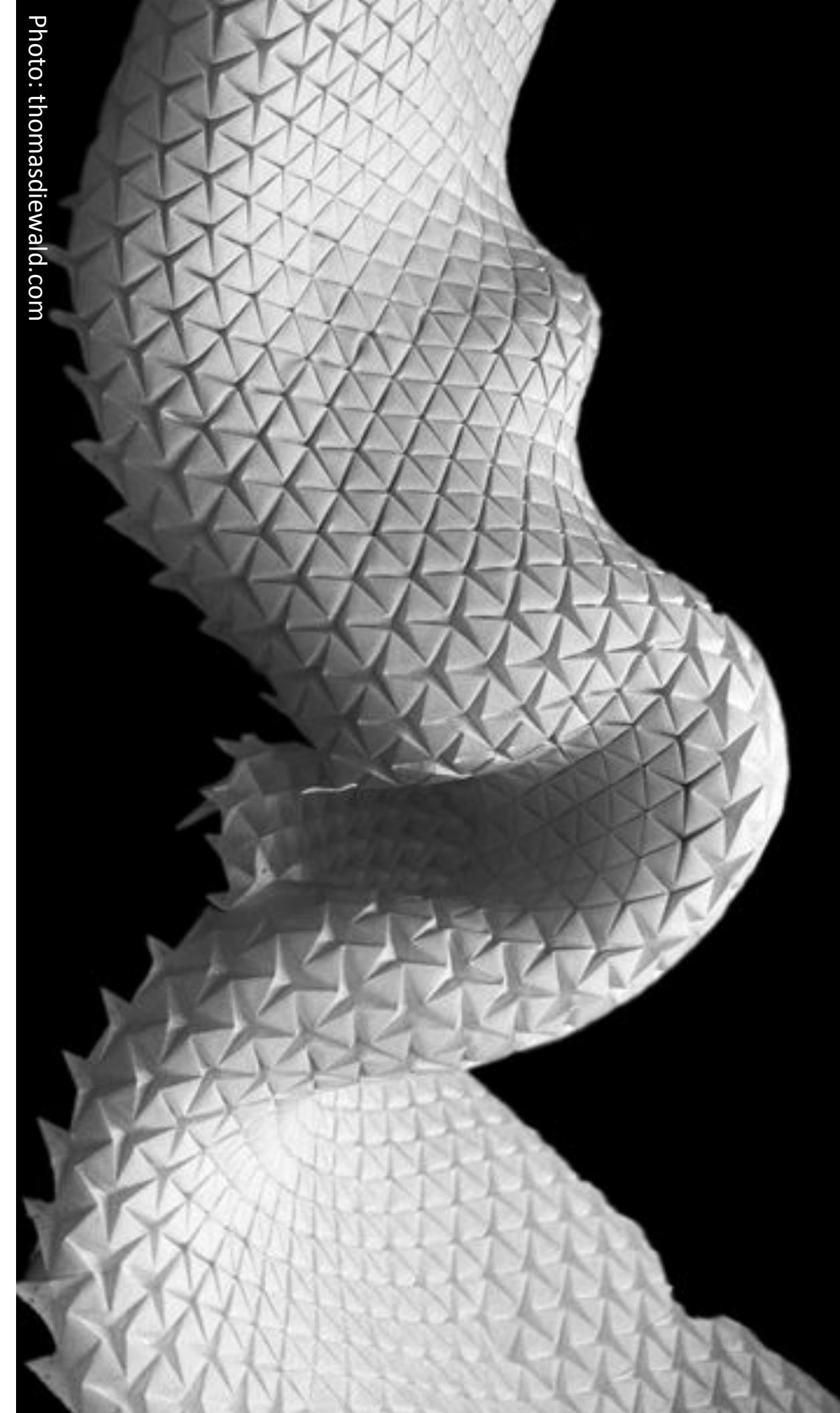


# Movement-Based Assistive Tech for ASD

IDM Thesis Project by Caitlin Sikora

How can we design movement-based assistive tech to empower the bodies of individuals with sensory processing issues?



# Dual Research Categories

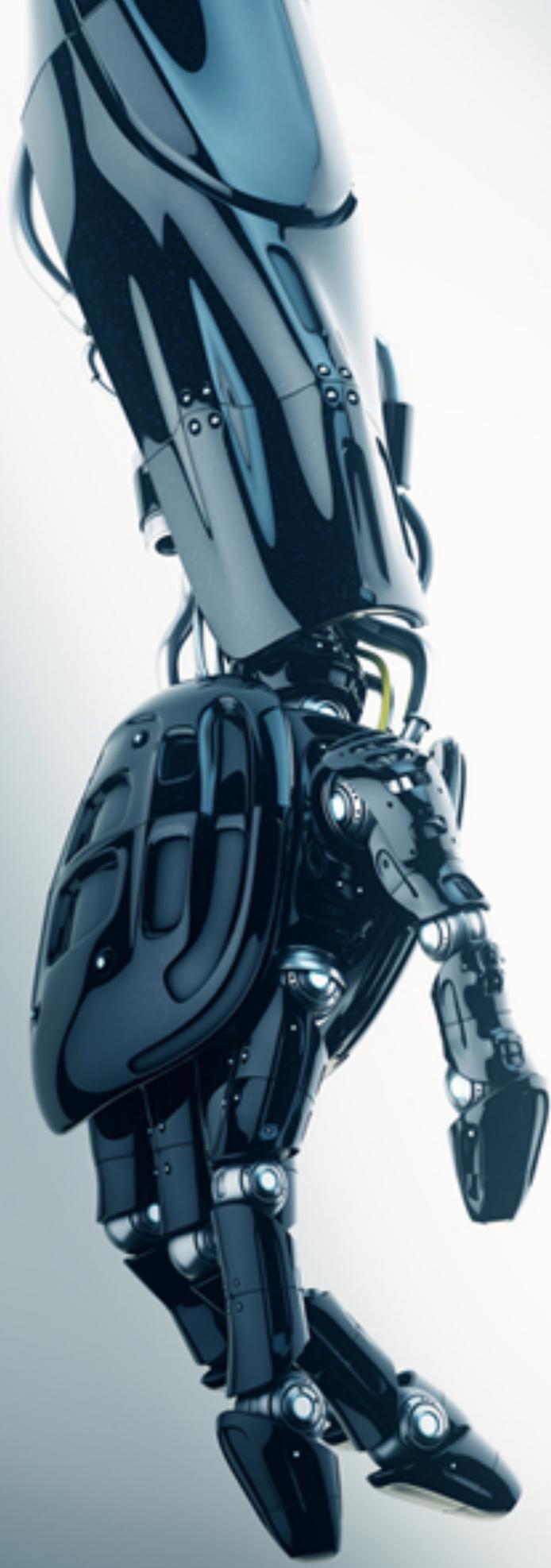
Ideals of Ability &  
Assistance

Autism Spectrum  
Disorders

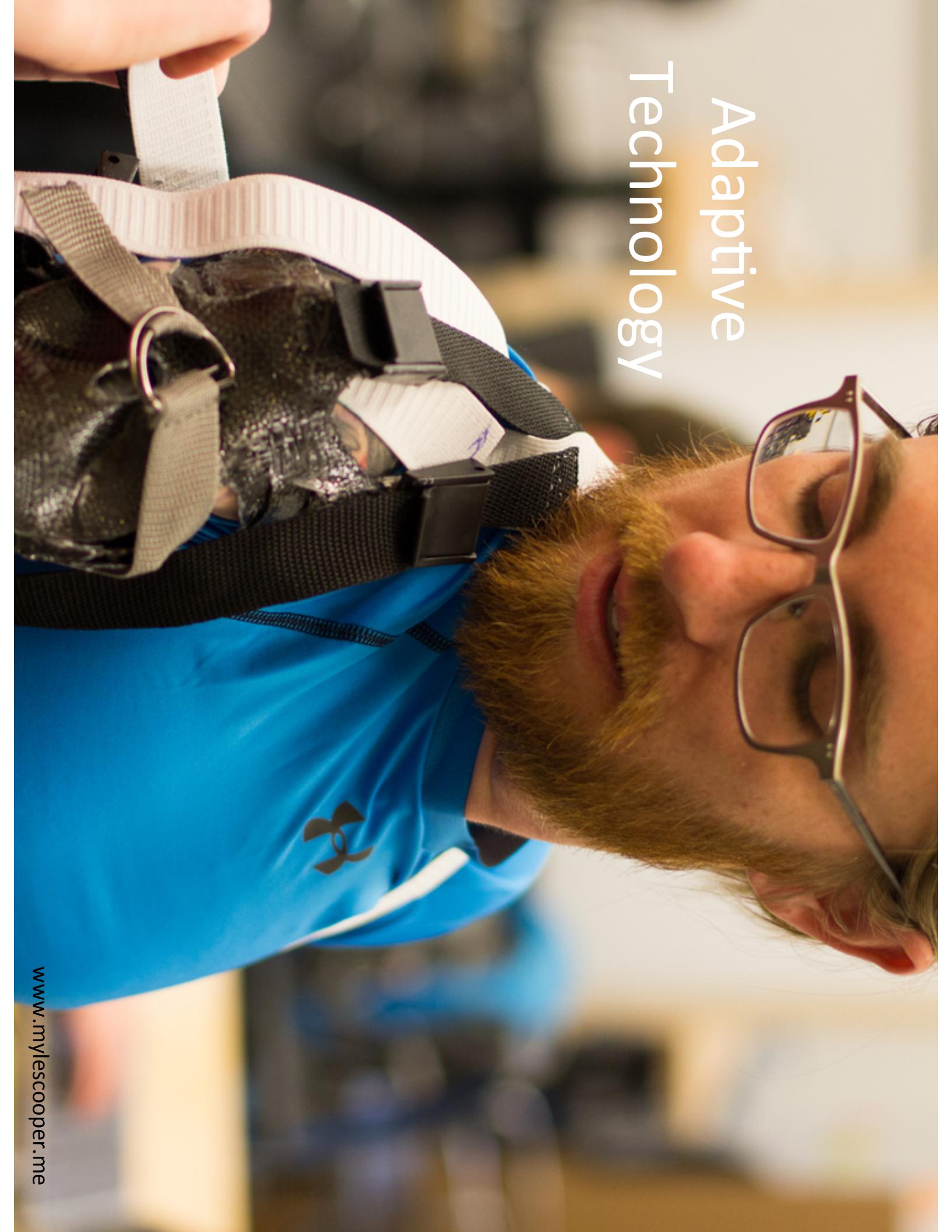
# Fluid vs. Solid

What is an  
**ABLE BODY?**

What is  
**ASSISTANCE?**



Cures & Therapies



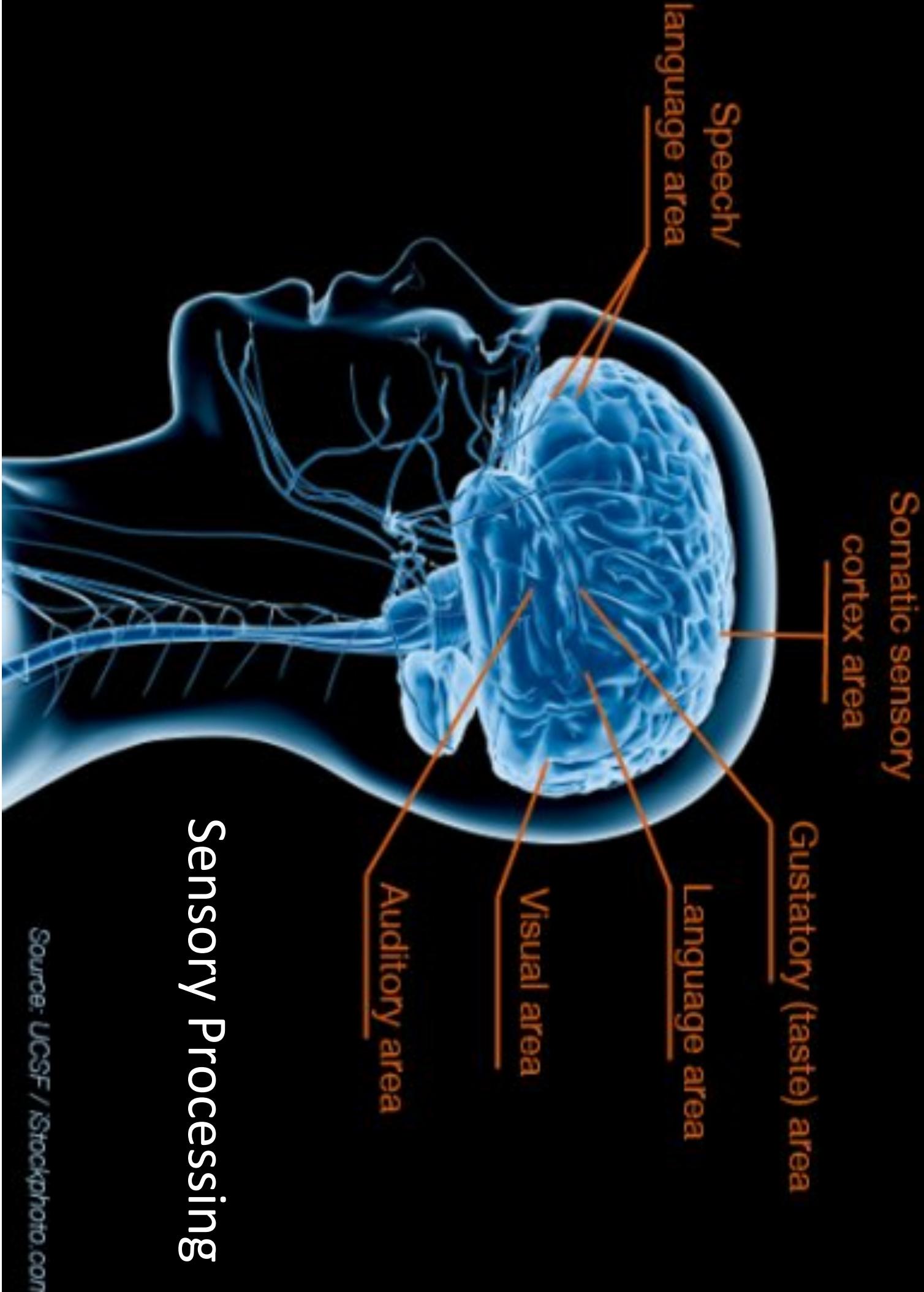
# Adaptive Technology



Unique Case  
of ASD

Ability Obscured

# Sensory Processing



# Isolated & Underestimated



# Able Bodies & Assistance for ASD

Assistive technologies for high functioning adults on the Autistic Spectrum should be adaptive, responsive, and fluid,

enhancing an individual's strengths by empowering the body and improving communication to foster a sense of the able Autistic person.



Inspirations

Solidify Social Interactions

Fluid View of  
Communicative Body

# Responsive & Fluid



Wearable Prototyping

# Game Prototyping



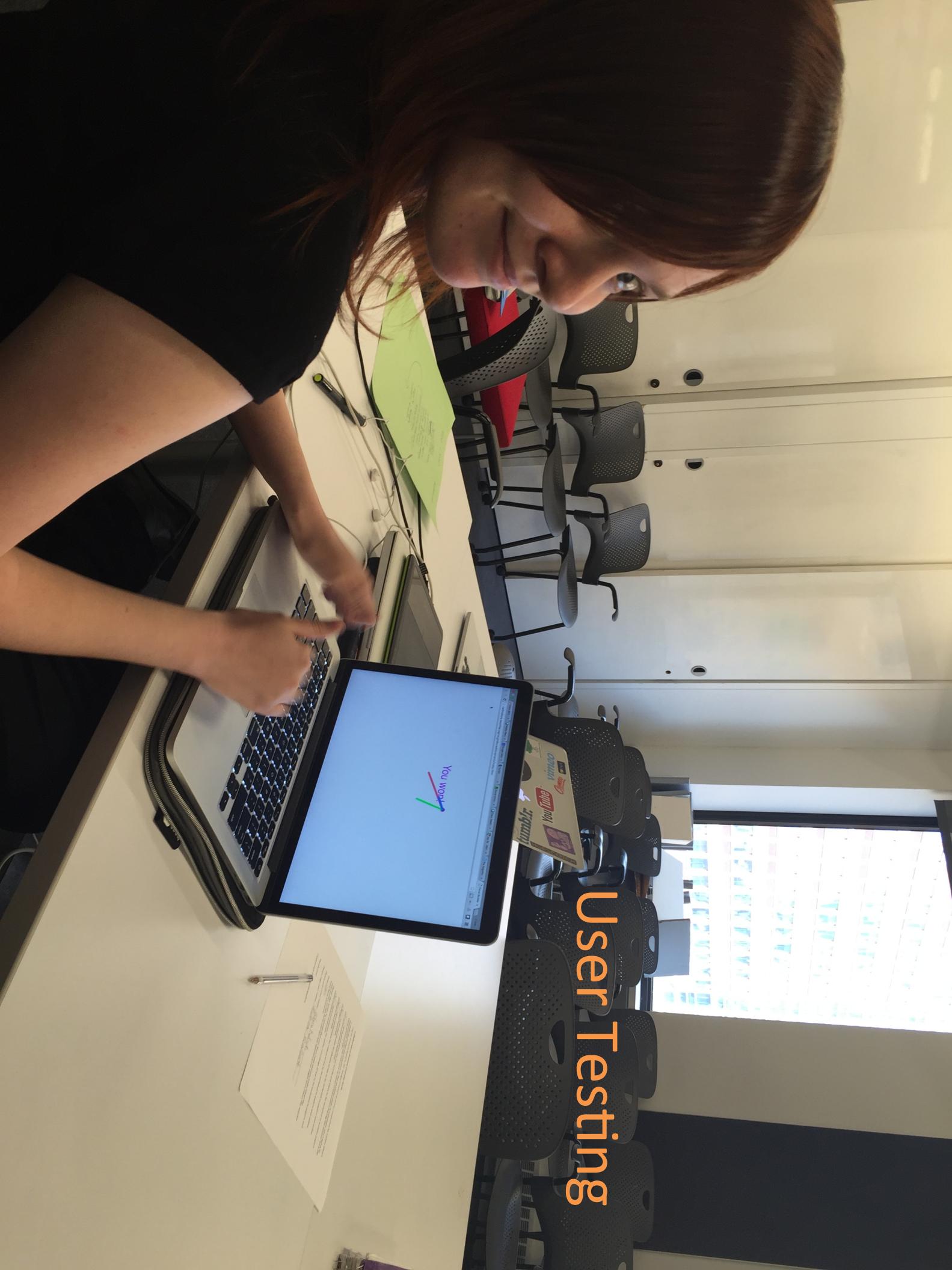
# Rough Movements Game

Your score is: 0

Move the mouse around.  
The crazier, the better!



# User Testing



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# Movement-Based Assistive Tech for ASD

<http://caitlinsikora.neocities.org/>

