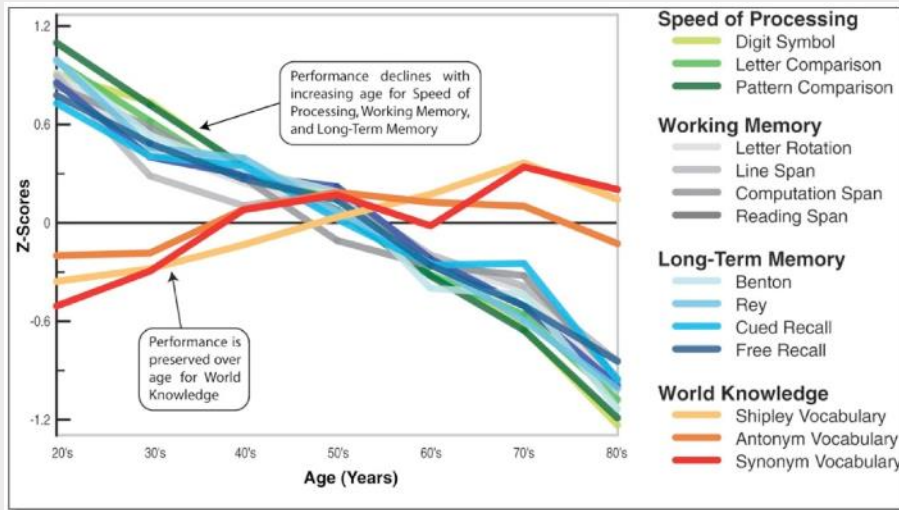




Kevin Trewartha



Measuring:  
Sensory,  
Cognitive,  
and Motor  
Function



Jeralean Talley  
(May, 1899 –  
June, 2015)

## Aging, Cognition, and Action Lab: Research Areas

Impact of Cognitive Declines on Motor Behavior

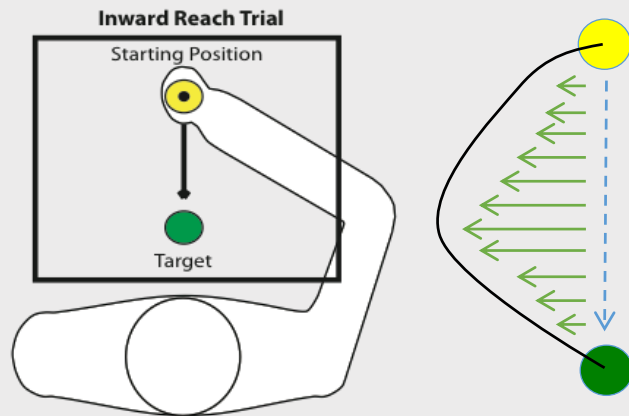
- Cognitive and motor functions decline with aging
  - Not independent

Interventions for Improving Functional Independence in Aging

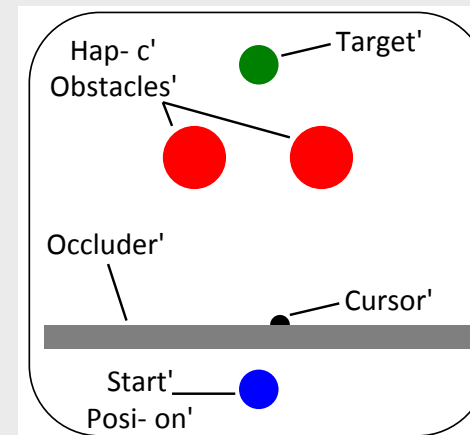
- Interventions for improving cognitive and motor function in older adults? Exercise? Cognitive Training?
  - Improving functional independence and quality of life

## Scholarly Contributions (Previous, Current, and Future)

- Impact of Age-Related Cognitive Decline on:  
Learning Novel Motor Skills



## Adaptive Motor Behavior



- Improving Cognitive and Motor Function:

Baseline Measures:  
- Cognitive  
- Motor Learning  
- Physical & Cardiovascular



12 weeks of Exercise



Outcome Measures:  
- Cognitive  
- Motor Learning  
- Physical & Cardiovascular

