



Strengthening Human Adaptive Reasoning and Problem-Solving (SHARP)

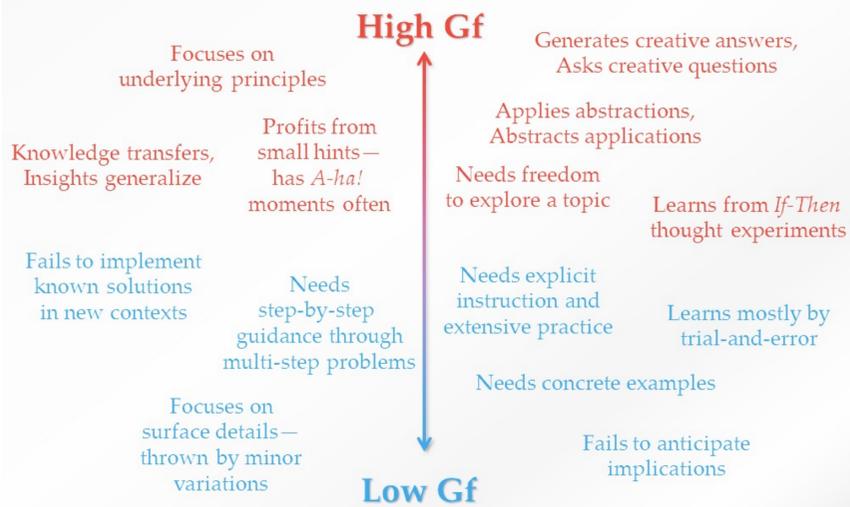
Improve Fluid Intelligence in High-Performing Individuals to Enable Enhanced Problem Solving in Complex, Real World Environments

Program Manager: Dr. Adam Russell; E-mail: adam.russell@iarpa.gov

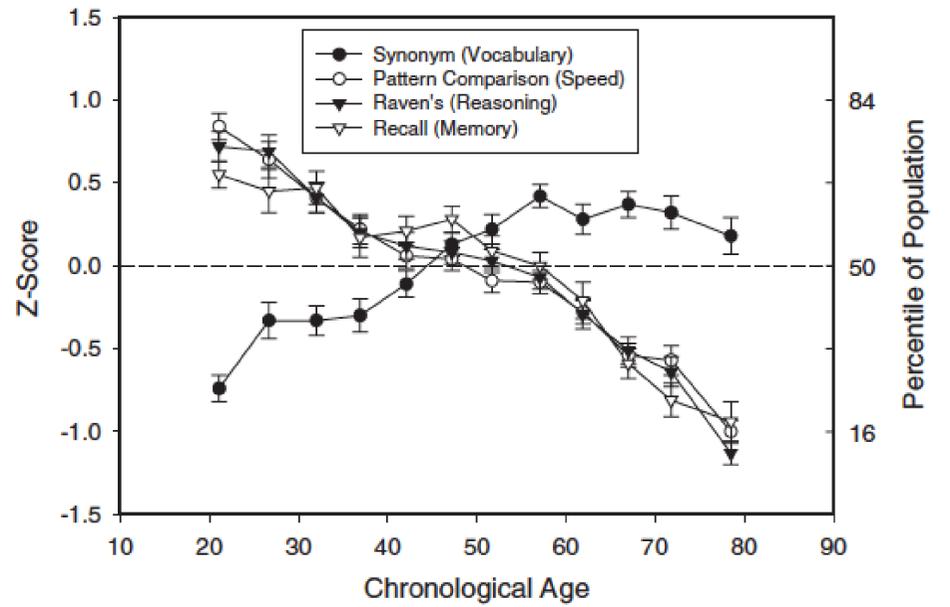


Motivation

FLUID REASONING IN THE CLASSROOM AND ON THE JOB

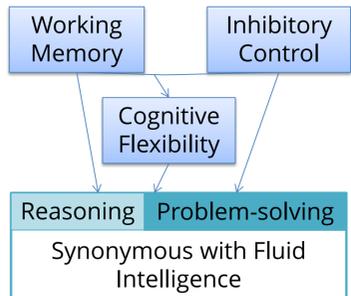


Schneider & McGrew, 2013

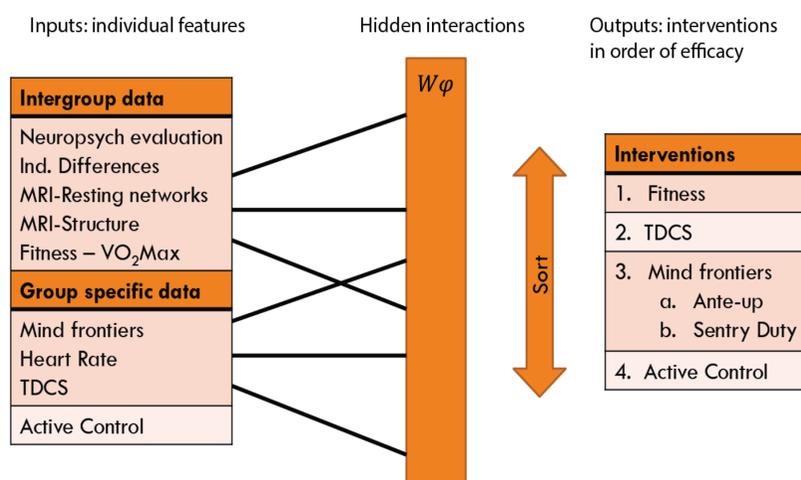
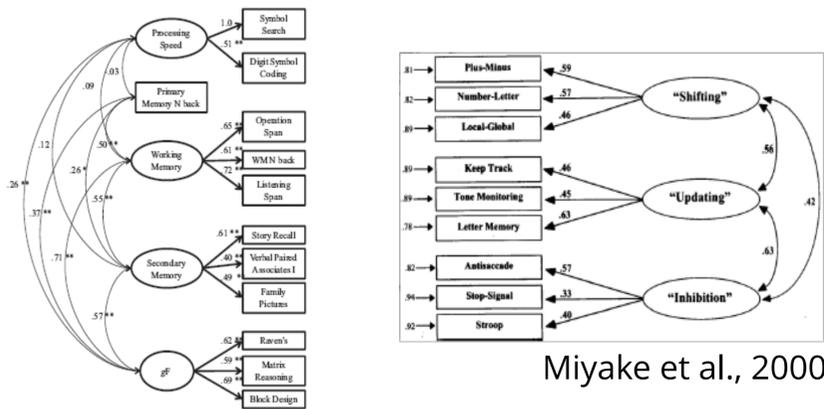
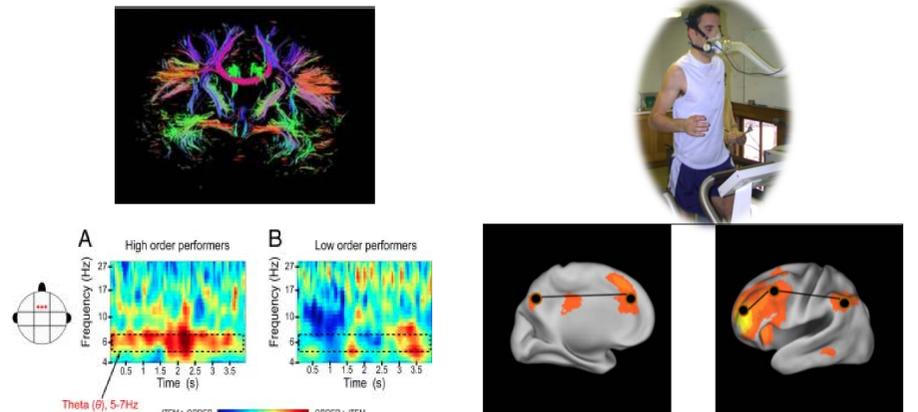


Salthouse, 2004

Approach



Adapted from Diamond, A. 2013 "Executive Functions" *Annu Rev Psychol.* 64:135-168.



Other Interests

Human performance and behavior, cross-cultural understanding and training, cognitive neuroscience, neuroanthropology, interpersonal and small-group dynamics, human performance in extreme environments, genomics, human-machine interfaces