











Adjusting motion with the cerebellum

- Compare motor commands to actual motion
- Cerebellar inputs:
 - Climbing fiber from Inferior Olive (brainstem)
 - Mossy fiber from Spinal cord, Brainstem
- Cerebellar outputs:















Expanded control theory

Challenge: Waiting for afferent feedback is slow

Solutions:

- Anticipate typical motion progress forward model
- Account for typical motion progress from the beginning **inverse model**

















