

## Observer absent

Hypotheses:



Goal:

Learning

Performance



$U_{\text{learn}}(\text{Single})$   
(Pull handle only)

$>$

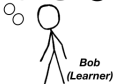
$U_{\text{learn}}(\text{Double})$   
(Pull handle AND  
push button)



$U_{\text{learn}}(\text{Single})$

$>$

$U_{\text{learn}}(\text{Double})$



Bob  
(Learner)

## Observer present

Hypotheses:



Goal:

Learning

Self-presentation



$U_{\text{learn}}(\text{Single})$

$>$

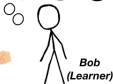
$U_{\text{learn}}(\text{Double})$



Bob: I know exactly  
how to make this toy go!



Ann  
(Observer)



Bob  
(Learner)