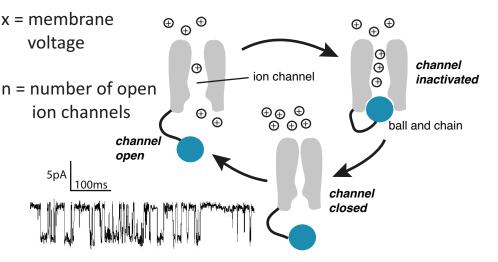
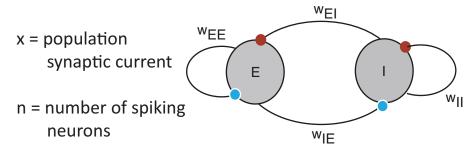
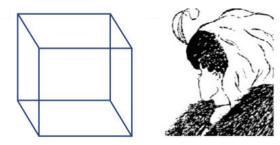
### Ion channels and neuron spiking

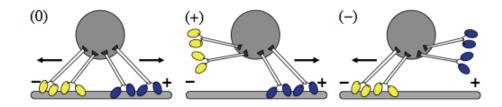


# Stochastic neural populations

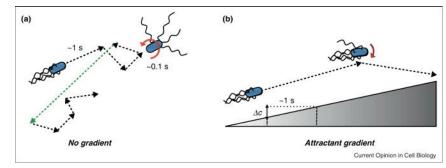




#### Bidirectional motor-driven intracellular transport



## E-coli run-and-tumble and chemotaxis



#### genetic switches

