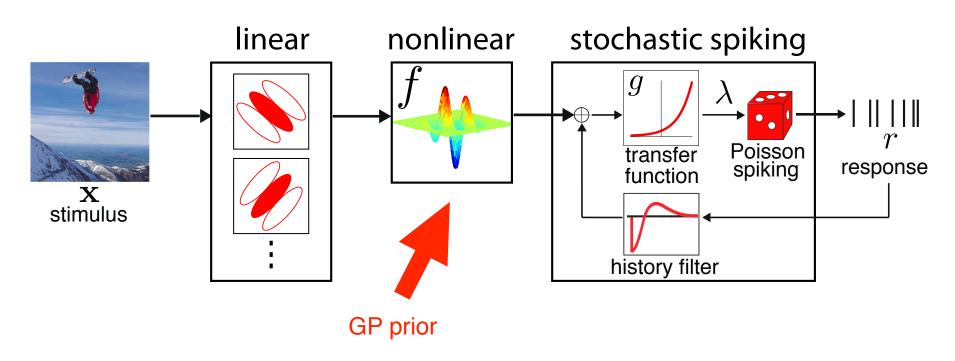
Active learning ofMijung Park,
Greg Horwitz,
& Jonathan PillowMijung Park,Greg Horwitz,
& Jonathan Pillowwith Gaussian processesposter T020

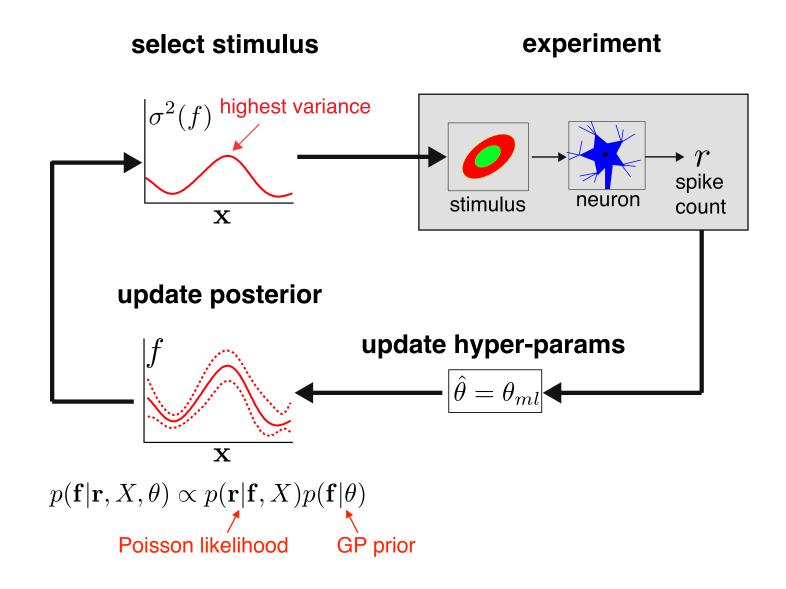
"cascade" neural encoding model



Question: how to efficiently learn neural response nonlinearities?

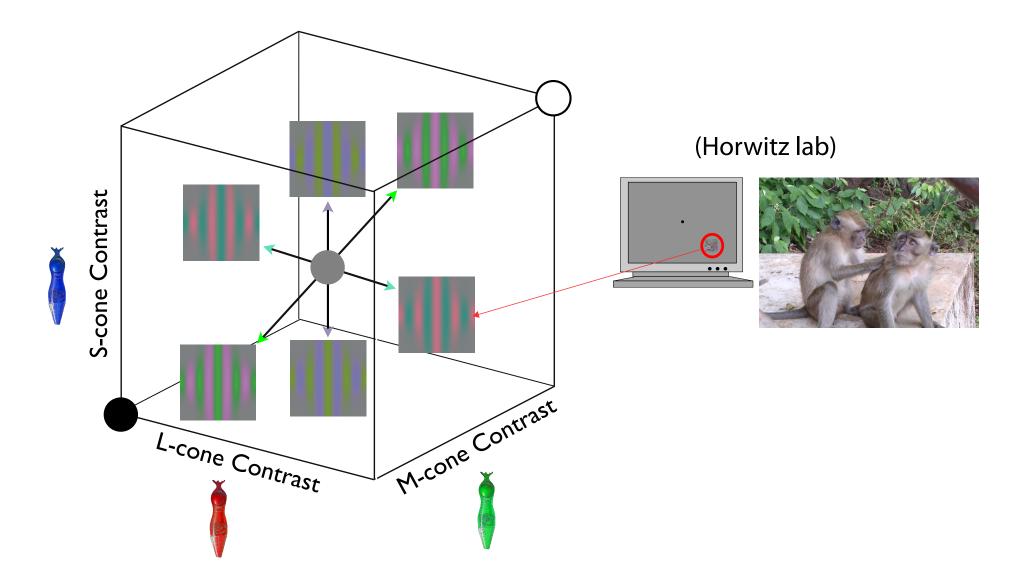
Adaptive stimulus selection

- "closed-loop" experiment
- select ${\bf x}$ for which $f({\bf x})$ has highest uncertainty



Experimental Methods

- color-tuned neurons in macaque V1
- spectrally-modulated Gabor stimuli (3D cone-contrast space)



Results

For more details, visit poster T020!

• example V1 complex cell

