Course requirements: Attendance, participation, final project/paper

Final project/paper: 5-10 page proposal for a logical series of experiments addressing a question in perception that interests you (demos as part of this are welcome)

Texts:
1. Moore, B. C. J. An Introduction to the Psychology of Hearing. [IPH]
2. Palmer, S. E. Vision Science: Photons to Phenomenology. [VS]

Meeting time: Thursdays, 2:20-4:40 (except designated weeks when it will be Mondays 1:40-4:00)

Thur Jan 27: Class Organization

Perception as Sensation
Thur Feb 3: Receptors/Receptor Surfaces [IPH 1; VS 1]
Thur Feb 10: Early Computation: Basilar Membrane/Retina [IPH 3; VS 2]
Thur Feb 17: Perceptual Channels; Hierarchical Models [VS 4]
No class week of Feb 21-25 (Holiday + Visiting Prospective Students)

Perception as Inference
Thur Mar 3: Color/Pitch [IPH 6; VS 3]
Thur Mar 10: Motion [VS 10]
Thur Mar 17: Depth (Stereo, Shape-from-Shading, SFM) [VS 5]
Thur Mar 24: Space Perception [IPH 7; VS 6]
Mon Mar 28: Spring Break

Perception as Cognition
Thur Apr 7: Attention [VS 11]
Thur Apr 14: Shape [VS 8]
Thur Apr 21: Object Perception [VS 7; VS 9]
Thur Apr 28: Event Perception [IPH 8; VS 13]

Mon May 2: Imagery/Interactions [VS 12]