

Sensory & Motor Systems Neuroscience, BMSC-GA 4462 and G80/89.2202, Spring 2019

NS2 Schedule of Lectures, Conferences and Exams

Spring 2019

Date	Lec/Conf	Location	Topic (faculty leaders)
Jan 29	Lec	Meyer 636	Retina (Shapley)
Jan 31	Lec	Meyer 636	Functional architecture of the LGN & V1 cortex (Hawken)
Feb 5	Lec	Meyer 636	Cortical circuits, cell types and connections (Hawken)
Feb 7	Lec	Meyer 636	V1 functional characteristics, theory & computation (Movshon)
Feb 12	Lec	Meyer 636	Theories of encoding of sensory information (Simoncelli)
Feb 14	Lec	Meyer 636	Extrastriate visual cortex: organization (Movshon)
Feb 15	<i>Conf (10-Noon)</i>	<i>Meyer 636</i>	<i>(Hawken)</i>
	<i>Conf (1:30-3:30)</i>	<i>Meyer 636</i>	<i>(Movshon)</i>
Feb 19	Lec	Meyer 636	Extrastriate visual cortex: dorsal pathway (Movshon)
Feb 21	Lec	Meyer 636	Extrastriate visual cortex: ventral pathway (Movshon)
Feb 26	Lec	Meyer 636	Theories of decoding of sensory information (Simoncelli)
Feb 28	Lec	Meyer 636	Development of visual cortex (Kiorpes)
Mar 5	Lec	SB 113	Audition: periphery (Froemke)
Mar 7	Lec	SB 113	Audition: central (Froemke)
Mar 8	<i>Conf (10-Noon)</i>	<i>Meyer 636</i>	<i>(Simoncelli) Group A</i>
	<i>Conf (1:30-3:30)</i>	<i>Meyer 636</i>	<i>(Shapley) Group B</i>
Mar 12	Lec	SB 1220	Somatosensation: periphery (Gardner)
Mar 14	Lec	SB 720	Somatosensation: central (Gardner)
Mar 15	Midterm exam given		
Mar 18 – 24	Spring Recess		
Mar 22	Midterm exam due		
Mar 26	Lec	SB 113	Chemical senses: periphery (Rinberg)
Mar 28	Lec	SB 720	Chemical senses: central (Rinberg)
Mar 29	<i>Conf (10-Noon)</i>	SB 1109	<i>(Rinberg) Group A</i>
	<i>Conf (1:30-3:30)</i>	SB 1120	<i>(Ringstad) Group B</i>
Apr 2	Lec	SB 113	Pain and temperature sense (Gardner)
Apr 4	Neuroscience Retreat		
Apr 9	Lec	SB 113	Muscles, motor neurons & motor pools (Lang)
Apr 11	Lec	SB 720	Reflexes I: Sherrington reflexes & CPGs (Lang)
Apr 16	Lec	SB 113	Reflexes II: posture & locomotion (Lang)
Apr 23	Lec	Meyer 636	Descending motor control, motor cortex (Kiani)
Apr 25	Lec	Meyer 636	Sensorimotor integration, posterior parietal cortex (Kiani)
Apr 30	Lec	SB 113	Cerebellum (Lang)
May 2	Lec	Meyer 636	Eye movements I: VOR & OKN (Angelaki)
May 3	<i>Conf (10-Noon)</i>	<i>Meyer 636</i>	<i>Group A (Kiani)</i>
	<i>Conf (1:30-3:30)</i>	SB 1320	<i>Group B (Long)</i>

May 7	Lec	Meyer 636	Eye movements II: saccades, pursuit, vergence (Angelaki)
May 9	Lec	Meyer 636	Basal ganglia (Glimcher)
May 10	<i>Conf (10-noon)</i>	SB 1109	<i>Group A (Lang)</i>
	<i>Conf (1:30-3:30)</i>	SB 1320	<i>Group B (Long)</i>
May 10	Final exam given		
May 17	Final exam due		

Students:

Group A: Hannah Gattuso, Lauren Ryan, Patrick O'Neill, Timothy Barry, Vanessa Verdine, Camille Rullan, Klavdia Zemlianova, Ionatan Kuperwajs, Anastasios Mirisis, Anne Krok

Group B: Chloe Marshall, Laura Green, Paige Leary, Shannon Schiereck, Lillian (Lark) Tan, Jintao Gu, Andrew Mah, Hope Lutwack, Lyndon Duong, Ravi Pancholi, Megha Kori

Group leaders for conferences:

		<u>Group A</u>	<u>Group B</u>
Conference 1	2/15	Hannah G. & Camille R.	Chloe BM. & Andrew M.
Conference 2	3/08	Lauren R. & Klavdia Z.	Laura G. & Hope L.
Conference 3	3/29	Pat O. & Ionatan K.	Paige L. & Lyndon D.
Conference 4	5/3	Tim B. & Taso M.	Shannon S. & Jintao G.
Conference 5	5/10	Vanessa V. & Anya K.	Lark T., Ravi P., & Megha K.

Group Leaders are responsible for:

1. Meeting with faculty assigned to the conference (suggested at least a week in advance)
2. Preparing a PPT slide presentation to facilitate discussion during the conference
3. Resolving consistent timing conflicts (if there are any) by reaching out to other students to switch. If this occurs, please let the administration know.