

Tuesdays and Thursdays, 1:20 – 2:35 pm, 116 SMI

DATE	INSTRUCTOR	TOPIC
Tues, Jan 20	Halloran/Gomez	Introduction, overview of development, how to study neural development
Thur, Jan 22	Boekhoff-Falk	Neurogenesis in Dros, Notch/Delta
Tues, Jan 27	Boekhoff-Falk discussion	Problem set due
Thur, Jan 29	Zhang	Neural induction
Tues, Feb 3	Zhang discussion	Problem set due
Thur, Feb 5	Grinblat	A-P patterning, Wnt signaling
Tues, Feb 10	Grinblat discussion	Problem set due
Thur, Feb 12	Halloran	D-V patterning in spinal cord
Tues, Feb 17	Halloran discussion	Problem set due
Thur, Feb 19	Huang	Cortical development
Tues, Feb 24	Huang discussion	Problem set due
Thur, Feb 26	O'Connor-Giles	Cell fate determination
Tues, Mar 3	O'Connor-Giles discussion	Problem set due
Thur, Mar 5	Huang	Developmental disorders
Tues, Mar 10	Huang discussion	Problem set due
Thur, Mar 12	Halloran	Axon guidance I: extracellular signals
Tues, Mar 17	Halloran discussion	Problem set due
Thur, Mar 19	Gomez	Axon guidance II: intracellular signals
Tues, Mar 24	Gomez discussion	Problem set due
Thur, Mar 26	Gomez	Topographic map formation-retinotectal
Spring break		
Tues, Apr 7	Gomez discussion	Problem set due
Thur, Apr 9	Halloran	Synapse formation
Tues, Apr 14	Halloran discussion	Problem set due
Thur, Apr 16	Gomez	Activity and synaptic refinement
Tues, Apr 21	Gomez discussion	Problem set due
Thur, Apr 23	Zhao	Adult neurogenesis
Tues, Apr 28	Zhao discussion	Problem set due
Thur, Apr 30	Gamm	Retinal development
Tues, May 5	Retinal discussion	
Thur, May 7	Halloran/Gomez	Wrap-up/perspectives/course evaluation Papers due