

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

DATE	INSTRUCTOR	TOPIC
Tues, Jan 22	Halloran/Gomez	Introduction, overview of development, how to study neural development
Thur, Jan 24	Boekhoff-Falk	Neurogenesis in Dros, Notch signaling
Tues, Jan 29	Boekhoff-Falk discussion	Problem set due
Thur, Jan 31	Zhang	Neural induction
Tues, Feb 5	Zhang discussion	Problem set due
Thur, Feb 7	Grinblat	A-P patterning, Wnt signaling
Tues, Feb 12	Grinblat discussion	Problem set due
Thur, Feb 14	Halloran	D-V patterning in spinal cord
Tues, Feb 19	Halloran discussion	Problem set due
Thur, Feb 21	Gomez	Cell fate determination
Tues, Feb 26	Gomez discussion	Problem set due
Thur, Feb 28	Halloran	Neural crest
Tues, Mar 4	Halloran discussion	Problem set due
Thur, Mar 6	Landry	Cortical development
Tues, Mar 11	Landry discussion	Problem set due
Thur, Mar 13	Landry	Developmental disorders
Spring break		
Tues, Mar 25	Landry discussion	Problem set due
Thur, Mar 27	Halloran	Axon guidance I: extracellular signals
Tues, Apr 1	Halloran discussion	Problem set due
Thur, Apr 3	Gomez	Axon guidance II: intracellular signals
Tues, Apr 8	Gomez discussion	Problem set due
Thur, Apr 10	Gomez	Topographic map formation-retinotectal
Tues, Apr 15	Gomez discussion	Problem set due
Thur, Apr 17	Halloran	Synapse formation
Tues, Apr 22	Halloran discussion	Problem set due
Thur, Apr 24	Gomez	Activity and synaptic refinement
Tues, Apr 29	Gomez discussion	Problem set due
Thur, May 1	R. Kalil	Adult neurogenesis
Tues, May 6	R. Kalil discussion	
Thur, May 8	Halloran/Gomez	Wrap-up/perspectives/course evaluation Papers due