Cellular Neuroscience (G16.2005001 / NEURL-GA 2201)

Course Directors

Mitch Chesler
NYC Public Health Bldg
455 First Ave, Rm 875
212-263-6318
Mitchell.Chesler@nyumc.org

Adam Carter
Center for Neural Science
4 Washington PI, Rm 788
212-998-3882
adam.carter@nyu.edu

Location / Time

Lectures will meet on Mon and Wed from 9:30 – 11:00 am (unless otherwise noted)

Classes are split between the two campuses:

Downtown: 4 Washington Place, Room 815 (CNS Classroom)

Uptown: Alexandria Building, 9th floor Conference Room

Labs will meet on Fridays from 2:00 – 5:00 pm

Downtown: 4 Washington Place, Room 815 (CNS Classroom)

Conferences will meet on Fridays from 2:00 – 5:00 pm

Downtown: 4 Washington Place, Room 815 (CNS Classroom)

Uptown: Alexandria Building, 9th floor Conference Room

Assigned Reading

Molecular and Cellular Physiology of Neurons, 2nd Edition (Gordon Fain)

Handouts

Grading

Three in-class closed book exams with a choice of questions (25% each) Laboratory and conference participation (25% total)

A>93% A->90% B+>87% B>83% B->80% C+>77% C>73% C->70% D+>67% D>63%

Passing = B or better.

Syllabus – Fall 2017

Sept 8	DATE	DAY	TOPIC	FACULTY	LOCATION	READING
Sopt 1.1 M	Sept 6	W	Lecture 1: Introduction to neurons	Tsien	Alexandria	Fain 1
Sept 13 W Lecture 3: Cell biology of neurons 2 Ringstad Alexandria Assigned	Sept 8	F	Lab 1: Electron microscopy (group 1)	Aoki	CNS	Assigned
Sept 15	Sept 11	М	Lecture 2: Cell biology of neurons 1	Ringstad	Alexandria	Assigned
Sept 18 M Lecture 4: Passive properties Chesier Alexandria Fain 2 Sept 20 W Lecture 5: Membrane potentials Chesier Alexandria Fain 3 Sept 22 F Lab 3: Membrane potentials Rinzel CNS Assigned Sept 27 W Lecture 6: Action potentials 2 Carter CNS Fain 5 Sept 29 F Lab 4: Action potentials Rinzel CNS Assigned Oct 2 M Lecture 8: Na+ and Ca2+ channels Tsien Alexandria Fain 6 Oct 2 M Lecture 9: K+ channels (note, Monday) Tsien Alexandria Fain 7 Oct 6 F EXAM #1 COVERING LECTURES 1 - 9 Alexandria Fain 7 Oct 1 W Lecture 10: Gap junctions Long Alexandria Assigned Oct 13 F Conference 1: Gap junctions Long Alexandria Assigned Oct 13 F Conference 1: Gap junctions Long Alexandria Fain 8 Oct 26 F	Sept 13	W	Lecture 3: Cell biology of neurons 2	Ringstad	Alexandria	Assigned
Sept 20 W Lecture 5: Membrane potentials Chesler Alexandria Fain 3	Sept 15	F	Lab 2: Electron microscopy (group 2)	Aoki	CNS	Assigned
Sept 22 F Lab 3: Membrane potentials Rinzel CNS Assigned Sept 25 M Lecture 6: Action potentials 1 Carter CNS Fain 5 Sept 27 W Lecture 7: Action potentials 2 Carter CNS Fain 5 Sept 29 F Lab 4: Action potentials Rinzel CNS Assigned Oct 2 M Lecture 9: K+ channels (note, Monday) Tsien Alexandria Fain 6 Oct 6 F EXAM #1 COVERING LECTURES 1 - 9 Alexandria Fain 7 Oct 6 F EXAM #1 COVERING LECTURES 1 - 9 Alexandria Assigned Oct 13 M Lecture 10: Gap junctions & electrical synapses Long Alexandria Assigned Oct 13 F Conference 1: Gap junctions Long Alexandria Assigned Oct 16 M Lecture 10: Cap junctions Basu Alexandria Fain 8 Oct 18 W Lecture 10: Cap junctions Basu Alexandria Fain 8 Oct 18 W Lectu	Sept 18	М	Lecture 4: Passive properties	Chesler	Alexandria	Fain 2
Sept 25 M Lecture 6: Action potentials 1 Carter CNS Fain 5 Sept 27 W Lecture 7: Action potentials 2 Carter CNS Fain 5 Sept 29 F Lab 4: Action potentials Rinzel CNS Assigned Oct 2 M Lecture 9: K+ channels (note, Monday) Tsien Alexandria Fain 6 Oct 4 M Lecture 9: K+ channels (note, Monday) Tsien Alexandria Fain 7 Oct 6 F EXAM #1 COVERING LECTURES 1 - 9 Alexandria Alexandria Oct 13 F Corforence 1: Gap junctions & Long Alexandria Assigned Oct 13 F Conference 1: Gap junctions Long Alexandria Assigned Oct 18 M Lecture 11: Chemical synapses Basu Alexandria Fain 8 Oct 20 F Conference 2: Pre-synaptic transmission Basu Alexandria Assigned Oct 20 F Conference 2: Pre-synaptic transmission 1 Tritsch Alexandria Fain 10 Oct 25	Sept 20	W	Lecture 5: Membrane potentials	Chesler	Alexandria	Fain 3
Sept 27 W Lecture 7: Action potentials 2 Carter CNS Assigned Oct 2 M Lecture 8: Na+ and Ca2+ channels Tsien Alexandria Fain 6 Oct 2 M Lecture 9: K+ channels (note, Monday) Tsien Alexandria Fain 7 Oct 6 F EXAM #1 COVERING LECTURES 1 - 9 Alexandria Fain 7 Oct 9 M No Class - Fall Recess Long Alexandria Assigned Oct 11 W Lecture 10: Cap junctions Long Alexandria Assigned Oct 18 M Lecture 10: Chemical synapses Basu Alexandria Assigned Oct 18 W Lecture 12: Presynaptic release Basu Alexandria Fain 8 Oct 20 F Conference 2: Pre-synaptic transmission Basu Alexandria Fain 8 Oct 25 W Lecture 13: Postsynaptic transmission 1 Tritsch Alexandria Fain 10 Oct 27 F Conference 3: Post-synaptic transmission 2 Tritsch Alexandria Fain 11	Sept 22	F	Lab 3: Membrane potentials	Rinzel	CNS	Assigned
Sept 29	Sept 25	М	Lecture 6: Action potentials 1	Carter	CNS	Fain 5
Oct 2	Sept 27	W	Lecture 7: Action potentials 2	Carter	CNS	Fain 5
Oct 2	Sept 29	F	Lab 4: Action potentials	Rinzel	CNS	Assigned
Oct 6 F EXAM #1 COVERING LECTURES 1 – 9 Alexandria Oct 9 M No Class – Fall Recess Oct 11 W Lecture 10: Gap junctions & electrical synapses Long Alexandria Assigned Oct 13 F Conference 1: Gap junctions Long Alexandria Fain 8 Oct 16 M Lecture 11: Chemical synapses Basu Alexandria Fain 8 Oct 18 W Lecture 12: Presynaptic release Basu Alexandria Fain 8 Oct 20 F Conference 2: Pre-synaptic transmission Basu Alexandria Fain 9 Oct 23 M Lecture 13: Postsynaptic transmission 1 Tritsch Alexandria Fain 9 Oct 25 W Lecture 14: Postsynaptic transmission 2 Tritsch Alexandria Fain 10 Oct 27 F Conference 3: Post-synaptic transmission 7 Tritsch Alexandria Fain 10 Oct 27 F Conference 3: Post-synaptic transmission 7 Tritsch Alexandria Fain 11 Nov 1 W Lect	Oct 2	М	Lecture 8: Na+ and Ca2+ channels	Tsien	Alexandria	Fain 6
Oct 9 M No Class – Fall Recess Oct 11 W Lecture 10: Gap junctions & electrical synapses Long Alexandria Assigned Oct 13 F Conference 1: Gap junctions Long Alexandria Assigned Oct 16 M Lecture 11: Chemical synapses Basu Alexandria Fain 8 Oct 20 F Conference 2: Pre-synaptic transmission Basu Alexandria Fain 8 Oct 20 F Conference 2: Pre-synaptic transmission Basu Alexandria Fain 9 Oct 23 M Lecture 13: Postsynaptic transmission 1 Tritsch Alexandria Fain 9 Oct 25 W Lecture 14: Postsynaptic transmission 2 Tritsch Alexandria Fain 10 Oct 27 F Conference 3: Post-synaptic transmission Tritsch Alexandria Fain 10 Oct 27 F Conference 3: Post-synaptic transmission Tritsch Alexandria Fain 10 Oct 27 F Conference 3: Post-synaptic prasmission Tritsch Alexandria Fain 12/13	Oct 2	М	Lecture 9: K+ channels (note, Monday)	Tsien	Alexandria	Fain 7
Oct 11 W Lecture 10: Gap junctions & electrical synapses Long Alexandria Assigned Oct 13 F Conference 1: Gap junctions Long Alexandria Assigned Oct 16 M Lecture 11: Chemical synapses Basu Alexandria Fain 8 Oct 20 F Conference 2: Pre-synaptic transmission Basu Alexandria Assigned Oct 20 F Conference 2: Pre-synaptic transmission 1 Tritsch Alexandria Assigned Oct 23 M Lecture 13: Postsynaptic transmission 2 Tritsch Alexandria Fain 9 Oct 25 W Lecture 14: Postsynaptic transmission 7 Tritsch Alexandria Fain 10 Oct 27 F Conference 3: Post-synaptic transmission 7 Tritsch Alexandria Fain 10 Oct 30 M Lecture 15: Intracellular signaling 1 Ringstad Alexandria Fain 11 Nov 3 F Conference 4: Intracellular signaling 8 Ringstad Alexandria Assigned Nov 48 W EXAM #2 COVERING LECTURES 10	Oct 6	F	EXAM #1 COVERING LECTURES 1 - 9		Alexandria	
Oct 13 F Conference 1: Gap junctions Long Alexandria Assigned Oct 16 M Lecture 11: Chemical synapses Basu Alexandria Fain 8 Oct 18 W Lecture 12: Presynaptic release Basu Alexandria Fain 8 Oct 20 F Conference 2: Pre-synaptic transmission Basu Alexandria Assigned Oct 23 M Lecture 13: Postsynaptic transmission 1 Tritsch Alexandria Fain 9 Oct 27 F Conference 3: Post-synaptic transmission Tritsch Alexandria Fain 10 Oct 30 M Lecture 15: Intracellular signaling 1 Ringstad Alexandria Fain 11 Nov 1 W Lecture 16: Intracellular signaling 2 Ringstad Alexandria Fain 12 / 13 Nov 3 F Conference 4: Intracellular signaling Ringstad Alexandria Assigned Nov 4 M Lecture 17: Dendritic physiology Carter CNS Assigned Nov 8 W EXAM #2 COVERING LECTURES 10 - 17 Alexandria Alexa	Oct 9	М	No Class – Fall Recess			
Oct 16 M Lecture 11: Chemical synapses Basu Alexandria Fain 8 Oct 18 W Lecture 12: Presynaptic release Basu Alexandria Fain 8 Oct 20 F Conference 2: Pre-synaptic transmission Basu Alexandria Assigned Oct 23 M Lecture 14: Postsynaptic transmission 1 Tritsch Alexandria Fain 9 Oct 25 W Lecture 14: Postsynaptic transmission Tritsch Alexandria Fain 10 Oct 27 F Conference 3: Post-synaptic transmission Tritsch Alexandria Fain 10 Oct 30 M Lecture 15: Intracellular signaling 1 Ringstad Alexandria Fain 11 Nov 1 W Lecture 16: Intracellular signaling 2 Ringstad Alexandria Assigned Nov 3 F Conference 4: Intracellular signaling Ringstad Alexandria Assigned Nov 4 M Lecture 17: Dendritic physiology Carter CNS Assigned Nov 8 W EXAM #2 COVERING LECTURES 10 – 17 Alexandria Nov 13: Machandria Nov 13: Machandria Nov 13: Machandria Assigned	Oct 11	W	Lecture 10: Gap junctions & electrical synapses	Long	Alexandria	Assigned
Oct 18 W Lecture 12: Presynaptic release Basu Alexandria Fain 8 Oct 20 F Conference 2: Pre-synaptic transmission Basu Alexandria Assigned Oct 23 M Lecture 13: Postsynaptic transmission 1 Tritsch Alexandria Fain 9 Oct 25 W Lecture 14: Postsynaptic transmission 2 Tritsch Alexandria Fain 10 Oct 27 F Conference 3: Post-synaptic transmission Tritsch Alexandria Assigned Oct 30 M Lecture 15: Intracellular signaling 1 Ringstad Alexandria Fain 12 / 13 Nov 1 W Lecture 16: Intracellular signaling 2 Ringstad Alexandria Assigned Nov 3 F Conference 4: Intracellular signaling 8 Ringstad Alexandria Assigned Nov 4 M Lecture 17: Dendritic physiology Carter CNS Assigned Nov 8 W EXAM #2 COVERING LECTURES 10 - 17 Alexandria Alexandria Nov 13 M No Class - SFN meeting Nov 13 <td< td=""><td>Oct 13</td><td>F</td><td>Conference 1: Gap junctions</td><td>Long</td><td>Alexandria</td><td>Assigned</td></td<>	Oct 13	F	Conference 1: Gap junctions	Long	Alexandria	Assigned
Oct 20FConference 2: Pre-synaptic transmissionBasuAlexandriaAssignedOct 23MLecture 13: Postsynaptic transmission 1TritschAlexandriaFain 9Oct 25WLecture 14: Postsynaptic transmission 2TritschAlexandriaFain 10Oct 27FConference 3: Post-synaptic transmissionTritschAlexandriaAssignedOct 30MLecture 15: Intracellular signaling 1RingstadAlexandriaFain 11Nov 1WLecture 16: Intracellular signaling 2RingstadAlexandriaAssignedNov 3FConference 4: Intracellular signalingRingstadAlexandriaAssignedNov 6MLecture 17: Dendritic physiologyCarterCNSAssignedNov 8WEXAM #2 COVERING LECTURES 10 – 17AlexandriaAlexandriaNov 10FNo Class – SFN meetingNo Class – SFN meetingNov 13MNo Class – SFN meetingNo Class – SFN meetingNov 17FNo Class – SFN meetingNo Class – SFN meetingNov 20MLecture 18: NeuromodulationTritschAlexandriaAssignedNov 22WNo Class – Thanksgiving RecessNov 24FNo Class – Thanksgiving RecessNov 27MLecture 19: Synaptic plasticityFroemkeAlexandriaFain 14Nov 29WLecture 20: Synaptic plasticityFroemkeAlexandriaFain 14Dec 1FConference 5: Synaptic plasticity	Oct 16	М	Lecture 11: Chemical synapses	Basu	Alexandria	Fain 8
Oct 23 M Lecture 13: Postsynaptic transmission 1 Tritsch Alexandria Fain 9 Oct 25 W Lecture 14: Postsynaptic transmission 2 Tritsch Alexandria Fain 10 Oct 27 F Conference 3: Post-synaptic transmission Tritsch Alexandria Assigned Oct 30 M Lecture 15: Intracellular signaling 1 Ringstad Alexandria Fain 11 Nov 1 W Lecture 16: Intracellular signaling 2 Ringstad Alexandria Assigned Nov 3 F Conference 4: Intracellular signaling Ringstad Alexandria Assigned Nov 6 M Lecture 17: Dendritic physiology Carter CNS Assigned Nov 8 W EXAM #2 COVERING LECTURES 10 – 17 Alexandria Alexandria Nov 10 F No Class – SFN meeting Nov 13 M No Class – SFN meeting Nov 15 W No Class – SFN meeting Nov 20 Nov 20 M Lecture 18: Neuromodulation Tritsch Alexandria Assigned Nov 20 M Lecture 19: Synaptic plasticity Froemke Alexandria <t< td=""><td>Oct 18</td><td>W</td><td>Lecture 12: Presynaptic release</td><td>Basu</td><td>Alexandria</td><td>Fain 8</td></t<>	Oct 18	W	Lecture 12: Presynaptic release	Basu	Alexandria	Fain 8
Oct 25 W Lecture 14: Postsynaptic transmission 2 Tritsch Alexandria Fain 10 Oct 27 F Conference 3: Post-synaptic transmission Tritsch Alexandria Assigned Oct 30 M Lecture 15: Intracellular signaling 1 Ringstad Alexandria Fain 11 Nov 1 W Lecture 16: Intracellular signaling 2 Ringstad Alexandria Assigned Nov 3 F Conference 4: Intracellular signaling Ringstad Alexandria Assigned Nov 6 M Lecture 17: Dendritic physiology Carter CNS Assigned Nov 8 W EXAM #2 COVERING LECTURES 10 – 17 Alexandria Assigned Nov 10 F No Class – SFN meeting No Class – SFN meeting Section 19 Nov 13 M No Class – SFN meeting Section 19 Section 19 Nov 17 F No Class – SFN meeting Section 19 Alexandria Assigned Nov 20 M Lecture 18: Neuromodulation Tritsch Alexandria Assigned Nov 22 W No Class – Thanksgiving Recess Secs Secs </td <td>Oct 20</td> <td>F</td> <td>Conference 2: Pre-synaptic transmission</td> <td>Basu</td> <td>Alexandria</td> <td>Assigned</td>	Oct 20	F	Conference 2: Pre-synaptic transmission	Basu	Alexandria	Assigned
Oct 27FConference 3: Post-synaptic transmissionTritschAlexandriaAssignedOct 30MLecture 15: Intracellular signaling 1RingstadAlexandriaFain 11Nov 1WLecture 16: Intracellular signaling 2RingstadAlexandriaFain 12 / 13Nov 3FConference 4: Intracellular signalingRingstadAlexandriaAssignedNov 6MLecture 17: Dendritic physiologyCarterCNSAssignedNov 8WEXAM #2 COVERING LECTURES 10 – 17AlexandriaNov 10FNo Class – SFN meetingNov 13MNo Class – SFN meetingNov 15WNo Class – SFN meetingNov 20MLecture 18: NeuromodulationTritschAlexandriaAssignedNov 22WNo Class – Thanksgiving RecessNov 24FNo Class – Thanksgiving RecessNov 27MLecture 19: Synaptic plasticity 1FroemkeAlexandriaFain 14Nov 29WLecture 20: Synaptic plasticity 2FroemkeAlexandriaFain 14Dec 1FConference 5: Synaptic plasticityFroemkeAlexandriaAssignedDec 4MLecture 21: Sensory transduction 1NagelAlexandriaFain 15Dec 6WLecture 22: Sensory transduction 2NagelAlexandriaAssignedDec 11MLecture 23: Homeostatic plasticityLongAlexandriaAssignedDec 13WLecture 24: Neural circuitsC	Oct 23	М	Lecture 13: Postsynaptic transmission 1	Tritsch	Alexandria	Fain 9
Oct 30 M Lecture 15: Intracellular signaling 1 Ringstad Alexandria Fain 11 Nov 1 W Lecture 16: Intracellular signaling 2 Ringstad Alexandria Fain 12 / 13 Nov 3 F Conference 4: Intracellular signaling Ringstad Alexandria Assigned Nov 6 M Lecture 17: Dendritic physiology Carter CNS Assigned Nov 8 W EXAM #2 COVERING LECTURES 10 – 17 Alexandria Alexandria Nov 10 F No Class – SFN meeting Nov 13 M No Class – SFN meeting Nov 15 W No Class – SFN meeting Nov 17 F No Class – SFN meeting Nov 20 M Lecture 18: Neuromodulation Tritsch Alexandria Assigned Nov 22 W No Class – Thanksgiving Recess Nov 24 F No Class – Thanksgiving Recess Nov 27 M Lecture 19: Synaptic plasticity 1 Froemke Alexandria Fain 14 Nov 29 W Lecture 20: Synaptic plasticity Froemke Alexandria Assigned Dec 1 F Conferen	Oct 25	W	Lecture 14: Postsynaptic transmission 2	Tritsch	Alexandria	Fain 10
Nov 1 W Lecture 16: Intracellular signaling 2 Ringstad Alexandria Fain 12 / 13 Nov 3 F Conference 4: Intracellular signaling Ringstad Alexandria Assigned Nov 6 M Lecture 17: Dendritic physiology Carter CNS Assigned Nov 8 W EXAM #2 COVERING LECTURES 10 – 17 Alexandria Nov 10 F No Class – SFN meeting Nov 13 M No Class – SFN meeting Nov 15 W No Class – SFN meeting Nov 17 F No Class – SFN meeting Nov 20 M Lecture 18: Neuromodulation Tritsch Alexandria Assigned Nov 22 W No Class – Thanksgiving Recess Nov 24 F No Class – Thanksgiving Recess Nov 27 M Lecture 19: Synaptic plasticity 1 Froemke Alexandria Fain 14 Nov 29 W Lecture 20: Synaptic plasticity 2 Froemke Alexandria Fain 14 Dec 1 F Conference 5: Synaptic plasticity Froemke Alexandria Fain 15 Dec 4 M Lecture 21: Sensory transduction 1 Nagel Alexandria Fain 16 Dec 8 F Conference 6: Sensory transduction 1 Nagel Alexandria Assigned Dec 11 M Lecture 23: Homeostatic plasticity Long Alexandria Assigned Dec 11 M Lecture 24: Neural circuits Carter CNS Assigned	Oct 27	F	Conference 3: Post-synaptic transmission	Tritsch	Alexandria	Assigned
Nov 3FConference 4: Intracellular signalingRingstadAlexandriaAssignedNov 6MLecture 17: Dendritic physiologyCarterCNSAssignedNov 8WEXAM #2 COVERING LECTURES 10 – 17AlexandriaNov 10FNo Class – SFN meetingImage: Nov 13 Mode of the control of the	Oct 30	М	Lecture 15: Intracellular signaling 1	Ringstad	Alexandria	Fain 11
Nov 6MLecture 17: Dendritic physiologyCarterCNSAssignedNov 8WEXAM #2 COVERING LECTURES 10 – 17AlexandriaNov 10FNo Class – SFN meetingImage: Nov 13MNo Class – SFN meetingNov 15WNo Class – SFN meetingImage: Nov 17FNo Class – SFN meetingNov 20MLecture 18: NeuromodulationTritschAlexandriaAssignedNov 22WNo Class – Thanksgiving RecessNov 24FNo Class – Thanksgiving RecessNov 27MLecture 19: Synaptic plasticity 1FroemkeAlexandriaFain 14Nov 29WLecture 20: Synaptic plasticity 2FroemkeAlexandriaFain 14Dec 1FConference 5: Synaptic plasticityFroemkeAlexandriaAssignedDec 4MLecture 21: Sensory transduction 1NagelAlexandriaFain 15Dec 6WLecture 22: Sensory transduction 2NagelAlexandriaAssignedDec 11MLecture 23: Homeostatic plasticityLongAlexandriaAssignedDec 11MLecture 24: Neural circuitsCarterCNSAssigned	Nov 1	W	Lecture 16: Intracellular signaling 2	Ringstad	Alexandria	Fain 12 / 13
Nov 8WEXAM #2 COVERING LECTURES 10 – 17AlexandriaNov 10FNo Class – SFN meetingNov 13MNo Class – SFN meetingNov 15WNo Class – SFN meetingNov 17FNo Class – SFN meetingNov 20MLecture 18: NeuromodulationTritschAlexandriaAssignedNov 22WNo Class – Thanksgiving RecessNov 24FNo Class – Thanksgiving RecessNov 27MLecture 19: Synaptic plasticity 1FroemkeAlexandriaFain 14Nov 29WLecture 20: Synaptic plasticity 2FroemkeAlexandriaFain 14Dec 1FConference 5: Synaptic plasticityFroemkeAlexandriaAssignedDec 4MLecture 21: Sensory transduction 1NagelAlexandriaFain 15Dec 6WLecture 22: Sensory transduction 2NagelAlexandriaFain 16Dec 8FConference 6: Sensory transductionNagelAlexandriaAssignedDec 11MLecture 23: Homeostatic plasticityLongAlexandriaAssignedDec 13WLecture 24: Neural circuitsCarterCNSAssigned	Nov 3	F	Conference 4: Intracellular signaling	Ringstad	Alexandria	Assigned
Nov 10 F No Class – SFN meeting Nov 13 M No Class – SFN meeting Nov 15 W No Class – SFN meeting Nov 17 F No Class – SFN meeting Nov 20 M Lecture 18: Neuromodulation Tritsch Alexandria Assigned Nov 22 W No Class – Thanksgiving Recess Nov 24 F No Class – Thanksgiving Recess Nov 27 M Lecture 19: Synaptic plasticity 1 Froemke Alexandria Fain 14 Nov 29 W Lecture 20: Synaptic plasticity 2 Froemke Alexandria Fain 14 Dec 1 F Conference 5: Synaptic plasticity Froemke Alexandria Fain 15 Dec 4 M Lecture 21: Sensory transduction 1 Nagel Alexandria Fain 15 Dec 6 W Lecture 22: Sensory transduction 2 Nagel Alexandria Fain 16 Dec 8 F Conference 6: Sensory transduction Nagel Alexandria Assigned Dec 11 M Lecture 23: Homeostatic plasticity Long Alexandria Assigned Dec 13 W Lecture 24: Neural circuits Carter CNS Assigned	Nov 6	М	Lecture 17: Dendritic physiology	Carter	CNS	Assigned
Nov 13 M No Class – SFN meeting Nov 15 W No Class – SFN meeting Nov 17 F No Class – SFN meeting Nov 20 M Lecture 18: Neuromodulation Tritsch Alexandria Assigned Nov 22 W No Class – Thanksgiving Recess Nov 24 F No Class – Thanksgiving Recess Nov 27 M Lecture 19: Synaptic plasticity 1 Froemke Alexandria Fain 14 Nov 29 W Lecture 20: Synaptic plasticity 2 Froemke Alexandria Fain 14 Dec 1 F Conference 5: Synaptic plasticity Froemke Alexandria Assigned Dec 4 M Lecture 21: Sensory transduction 1 Nagel Alexandria Fain 15 Dec 6 W Lecture 22: Sensory transduction 2 Nagel Alexandria Fain 16 Dec 8 F Conference 6: Sensory transduction Nagel Alexandria Assigned Dec 11 M Lecture 23: Homeostatic plasticity Long Alexandria Assigned Dec 13 W Lecture 24: Neural circuits Carter CNS Assigned	Nov 8	W	EXAM #2 COVERING LECTURES 10 – 17		Alexandria	
Nov 15WNo Class – SFN meetingNov 17FNo Class – SFN meetingNov 20MLecture 18: NeuromodulationTritschAlexandriaAssignedNov 22WNo Class – Thanksgiving RecessNov 24FNo Class – Thanksgiving RecessNov 27MLecture 19: Synaptic plasticity 1FroemkeAlexandriaFain 14Nov 29WLecture 20: Synaptic plasticity 2FroemkeAlexandriaFain 14Dec 1FConference 5: Synaptic plasticityFroemkeAlexandriaAssignedDec 4MLecture 21: Sensory transduction 1NagelAlexandriaFain 15Dec 6WLecture 22: Sensory transduction 2NagelAlexandriaFain 16Dec 8FConference 6: Sensory transductionNagelAlexandriaAssignedDec 11MLecture 23: Homeostatic plasticityLongAlexandriaAssignedDec 13WLecture 24: Neural circuitsCarterCNSAssigned	Nov 10	F	No Class – SFN meeting			
Nov 17FNo Class – SFN meetingNov 20MLecture 18: NeuromodulationTritschAlexandriaAssignedNov 22WNo Class – Thanksgiving RecessNov 24FNo Class – Thanksgiving RecessNov 27MLecture 19: Synaptic plasticity 1FroemkeAlexandriaFain 14Nov 29WLecture 20: Synaptic plasticity 2FroemkeAlexandriaFain 14Dec 1FConference 5: Synaptic plasticityFroemkeAlexandriaAssignedDec 4MLecture 21: Sensory transduction 1NagelAlexandriaFain 15Dec 6WLecture 22: Sensory transduction 2NagelAlexandriaFain 16Dec 8FConference 6: Sensory transductionNagelAlexandriaAssignedDec 11MLecture 23: Homeostatic plasticityLongAlexandriaAssignedDec 13WLecture 24: Neural circuitsCarterCNSAssigned	Nov 13	M	No Class – SFN meeting			
Nov 20MLecture 18: NeuromodulationTritschAlexandriaAssignedNov 22WNo Class - Thanksgiving RecessNov 24FNo Class - Thanksgiving RecessNov 27MLecture 19: Synaptic plasticity 1FroemkeAlexandriaFain 14Nov 29WLecture 20: Synaptic plasticity 2FroemkeAlexandriaAssignedDec 1FConference 5: Synaptic plasticityFroemkeAlexandriaAssignedDec 4MLecture 21: Sensory transduction 1NagelAlexandriaFain 15Dec 6WLecture 22: Sensory transduction 2NagelAlexandriaFain 16Dec 8FConference 6: Sensory transductionNagelAlexandriaAssignedDec 11MLecture 23: Homeostatic plasticityLongAlexandriaAssignedDec 13WLecture 24: Neural circuitsCarterCNSAssigned	Nov 15	W	No Class – SFN meeting			
Nov 22 W No Class – Thanksgiving Recess Nov 24 F No Class – Thanksgiving Recess Nov 27 M Lecture 19: Synaptic plasticity 1 Froemke Alexandria Fain 14 Nov 29 W Lecture 20: Synaptic plasticity 2 Froemke Alexandria Fain 14 Dec 1 F Conference 5: Synaptic plasticity Froemke Alexandria Assigned Dec 4 M Lecture 21: Sensory transduction 1 Nagel Alexandria Fain 15 Dec 6 W Lecture 22: Sensory transduction 2 Nagel Alexandria Fain 16 Dec 8 F Conference 6: Sensory transduction Nagel Alexandria Assigned Dec 11 M Lecture 23: Homeostatic plasticity Long Alexandria Assigned Dec 13 W Lecture 24: Neural circuits Carter CNS Assigned	Nov 17	F	No Class – SFN meeting			
Nov 24FNo Class – Thanksgiving RecessNov 27MLecture 19: Synaptic plasticity 1FroemkeAlexandriaFain 14Nov 29WLecture 20: Synaptic plasticity 2FroemkeAlexandriaFain 14Dec 1FConference 5: Synaptic plasticityFroemkeAlexandriaAssignedDec 4MLecture 21: Sensory transduction 1NagelAlexandriaFain 15Dec 6WLecture 22: Sensory transduction 2NagelAlexandriaFain 16Dec 8FConference 6: Sensory transductionNagelAlexandriaAssignedDec 11MLecture 23: Homeostatic plasticityLongAlexandriaAssignedDec 13WLecture 24: Neural circuitsCarterCNSAssigned	Nov 20	М	Lecture 18: Neuromodulation	Tritsch	Alexandria	Assigned
Nov 27MLecture 19: Synaptic plasticity 1FroemkeAlexandriaFain 14Nov 29WLecture 20: Synaptic plasticity 2FroemkeAlexandriaFain 14Dec 1FConference 5: Synaptic plasticityFroemkeAlexandriaAssignedDec 4MLecture 21: Sensory transduction 1NagelAlexandriaFain 15Dec 6WLecture 22: Sensory transduction 2NagelAlexandriaFain 16Dec 8FConference 6: Sensory transductionNagelAlexandriaAssignedDec 11MLecture 23: Homeostatic plasticityLongAlexandriaAssignedDec 13WLecture 24: Neural circuitsCarterCNSAssigned	Nov 22	W	No Class – Thanksgiving Recess			
Nov 29WLecture 20: Synaptic plasticity 2FroemkeAlexandriaFain 14Dec 1FConference 5: Synaptic plasticityFroemkeAlexandriaAssignedDec 4MLecture 21: Sensory transduction 1NagelAlexandriaFain 15Dec 6WLecture 22: Sensory transduction 2NagelAlexandriaFain 16Dec 8FConference 6: Sensory transductionNagelAlexandriaAssignedDec 11MLecture 23: Homeostatic plasticityLongAlexandriaAssignedDec 13WLecture 24: Neural circuitsCarterCNSAssigned	Nov 24	F	No Class – Thanksgiving Recess			
Dec 1FConference 5: Synaptic plasticityFroemkeAlexandriaAssignedDec 4MLecture 21: Sensory transduction 1NagelAlexandriaFain 15Dec 6WLecture 22: Sensory transduction 2NagelAlexandriaFain 16Dec 8FConference 6: Sensory transductionNagelAlexandriaAssignedDec 11MLecture 23: Homeostatic plasticityLongAlexandriaAssignedDec 13WLecture 24: Neural circuitsCarterCNSAssigned		М		Froemke	Alexandria	Fain 14
Dec 4 M Lecture 21: Sensory transduction 1 Nagel Alexandria Fain 15 Dec 6 W Lecture 22: Sensory transduction 2 Nagel Alexandria Fain 16 Dec 8 F Conference 6: Sensory transduction Nagel Alexandria Assigned Dec 11 M Lecture 23: Homeostatic plasticity Long Alexandria Assigned Dec 13 W Lecture 24: Neural circuits Carter CNS Assigned	Nov 29	W	Lecture 20: Synaptic plasticity 2	Froemke	Alexandria	Fain 14
Dec 6WLecture 22: Sensory transduction 2NagelAlexandriaFain 16Dec 8FConference 6: Sensory transductionNagelAlexandriaAssignedDec 11MLecture 23: Homeostatic plasticityLongAlexandriaAssignedDec 13WLecture 24: Neural circuitsCarterCNSAssigned	Dec 1	F	Conference 5: Synaptic plasticity	Froemke	Alexandria	Assigned
Dec 8FConference 6: Sensory transductionNagelAlexandriaAssignedDec 11MLecture 23: Homeostatic plasticityLongAlexandriaAssignedDec 13WLecture 24: Neural circuitsCarterCNSAssigned	Dec 4	М	Lecture 21: Sensory transduction 1	Nagel	Alexandria	Fain 15
Dec 11 M Lecture 23: Homeostatic plasticity Long Alexandria Assigned Dec 13 W Lecture 24: Neural circuits Carter CNS Assigned	Dec 6	W	Lecture 22: Sensory transduction 2	Nagel	Alexandria	Fain 16
Dec 13 W Lecture 24: Neural circuits Carter CNS Assigned	Dec 8	F	Conference 6: Sensory transduction	Nagel	Alexandria	Assigned
· · · · · · · · · · · · · · · · · · ·	Dec 11	М	• •	Long		Assigned
Dec 15 F EXAM #3 COVERING LECTURES 18 – 24 Alexandria				Carter		Assigned
	Dec 15	F	EXAM #3 COVERING LECTURES 18 – 24		Alexandria	