

SYLLABUS

BIONB 2220 Writing In the Majors Section

Spring 2015

Class meeting time: Tuesdays 8:40-10:40 AM

Class location: W364 Mudd Hall

TA: Ni (Jenny) Feng (nf82@cornell.edu)

Office: W143 Mudd Hall

Office Hour: Thursdays 3:00-4:00 PM

I. COURSE SCHEDULE OVERVIEW *(Subject to change, updated versions will be uploaded to Blackboard)*

#	Date	Topic	Reading	Assignment
1	1/27	<ul style="list-style-type: none"> • Introductions • In-class activity: resting membrane potential • Pre-test 		Assignment 1: Exercise based on <i>Eisenstein 2014, Nature</i> (Due 2/1) Plagiarism exercise (Due 2/3)
2	2/3	<ul style="list-style-type: none"> • In-class activity: action potentials • In-class activity: <i>Nature Outlook Epilepsy</i> series; • Library session at Mann Library 	In-class reading: Article of choice from <i>Nature Outlook Epilepsy</i> series	Assignment 2, 1st draft: Epilepsy blog post (Due 2/8)
3	2/10	<ul style="list-style-type: none"> • "Tweet" your blog post • In-class activity: reversal potential (Vrev; RHW assignment) • [Scientific writing tips] 		Assignment 2, Final draft (Due 2/22)
	2/17	No class - February Break		
	2/23	Exam 1		
4	2/24	<ul style="list-style-type: none"> • In-class discussion: Animal models of disease • <i>Drosophila</i> model • Scientific writing tips: Argument paper; stasis/destabilization 	Read in class: Kaun et al., 2011	Assignment 3, 1st draft: Opinion article on models organisms (Due 3/3)
5	3/3	<ul style="list-style-type: none"> • Assignment 3 discussion • Rodent models of depression, anxiety, social deficits, etc. 	Read in class: Lebestky et al., 2009	
6	3/10	<ul style="list-style-type: none"> • Present on one brain structure of interest. • Brain Lab: sheep brain dissection 		Assignment 3, Final draft (Due 3/17)
7	3/17	<ul style="list-style-type: none"> • Major depression and/or anxiety • Discuss Assignment 4 • Warden et al. 2012 	Read in class: Warden et al., 2012	Assignment 4, 1st draft: News & Views (Due 3/24)
8	3/24	<ul style="list-style-type: none"> • Peer review Assignment 4 • Discuss Tye et al. 2013 		
	3/31	No class - Spring Break		
9	4/7	<ul style="list-style-type: none"> • Present Assignment 4 Figure • In-class discussion: basal ganglia circuit & Parkinson's 	Read in class: Kravitz et al., 2010 <i>Nature</i>	Assignment 4, Final draft (Due 4/14)

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		disease		
		<ul style="list-style-type: none"> • Kravitz et al., 2010 (Goldberg assignment) 		
	4/13	Exam 2		
10	4/14	<ul style="list-style-type: none"> • Neurodegenerative diseases • Introduce review article assignment • Discuss potential topics for Review paper • Start research for review article 	In class assignment: Assignment 5, part I: Annotated bibliography, outline	Assignment 5, part I: Annotated bibliography, detailed outline (Due 4/21)
11	4/21	<ul style="list-style-type: none"> • Discussion: Review article topics • In-class discussion: Mancuso et al., 2009 (Booker assignment) 	Read in class: Mancuso et al., 2009	Assignment 5, part II: Introduction/background (Due 4/28)
12	4/28	<ul style="list-style-type: none"> • In-class activity: PTSD (Mahan & Ressler 2012) 	Read in class: Mahan & Ressler (2012) <i>Trends in Neurosciences</i>	Assignment 5, part III: Body (literature review) (Due 5/5) PowerPoint presentation: review paper (Due 5/4 5pm by email to Jenny)
13	5/5	<ul style="list-style-type: none"> • Student presentations on review article • [Peer review] 		Assignment 5, part IV: Complete final draft, including discussion & abstract (Due 5/12)
	5/11	Final Exam		
	5/12	Final Review Article (Assignment 5) Due		

II. ESSAY ASSIGNMENT DUE DATES & GRADE BREAKDOWN

Essay Assignments	1 st Draft Due Date (midnight on Blackboard)	Final Draft Due Date (midnight on Blackboard)	% of Section Grade
1. Epilepsy terms	Sun 2/1	--	10%
2. Epilepsy blog	Sun 2/8	Sun 2/22	10%
3. Opinion article	TUES 3/3	TUES 3/17	10%
4. News & Views	TUES 3/24	TUES 4/14	10%
5. Review Article*			20%
	Part 1. Tentative title, annotated bibliography, tentative	TUES 4/21	5% Essay 5 grade

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outline		
Part 2. Introduction	TUES 4/28	<i>15% Essay 5 grade</i>
Part 3. Body (literature review), Figures	TUES 5/5	<i>20% of Essay 5 grade</i>
Part 4. Entire Review article including Discussion & Abstract	TUES 5/12	<i>60% of Essay 5 grade</i>

*Revise previous review article sections as you go along. I will give you feed back on the different parts due on separate dates. Parts 1-3 constitute 40% of the final essay grade, equivalent to a first draft of previous essay assignments. Late penalties will apply to each part.

III. PARTICIPATION ASSIGNMENT DUE DATES

Participation in class constitutes a significant portion of your section grade (see Course Guidelines and Expectations). Participation assignments will be graded as satisfactory/unsatisfactory based on a rubric given before the assignment.

Participation assignments	Due Date	Participation Grade
1. Plagiarism exercise (80% correct required)	Tue 2/3, Beginning of class (email score to nf82)	Participation points for 1/2 class
2. PowerPoint presentation:	Canceled	Participation points for 1/2 class
3. Brain worksheet (in class)	NA	Participation points for 1/2 class
4. PowerPoint presentation on Review paper assignment	Mon 5/4, 5:00pm by email	Participation points for one class