Chemistry 676: Neurochemistry

Instructor:	Dr. Kelly Drew
Office/office hrs:	104 Irving I, MWF 10-12:00
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Lecture:	MWF 3:30-4:30, Reichardt Room 166 (coincides with lectures for chem. 474)
Homework:	Assignments posted on course schedule are due at the beginning of the next class unless otherwise indicated. Homework turned in after the deadline will not be accepted unless arrangements are made before the homework is late.
	See schedule for when homework is due. Permission to hand in HW via e-mail may be arranged in advance and will not be accepted without prior arrangements.
	Homework and reading assignments (other than from the text book) will be posted on blackboard b

	towards the following objectives:
	• Become familiar with original literature related to a topic of interest in neurochemistry
	• Develop effective techniques for oral presentation of original research
	• Develop effective techniques for optimizing positive group dynamics and productivity as a team player and as a group leader.

Instructional Methods
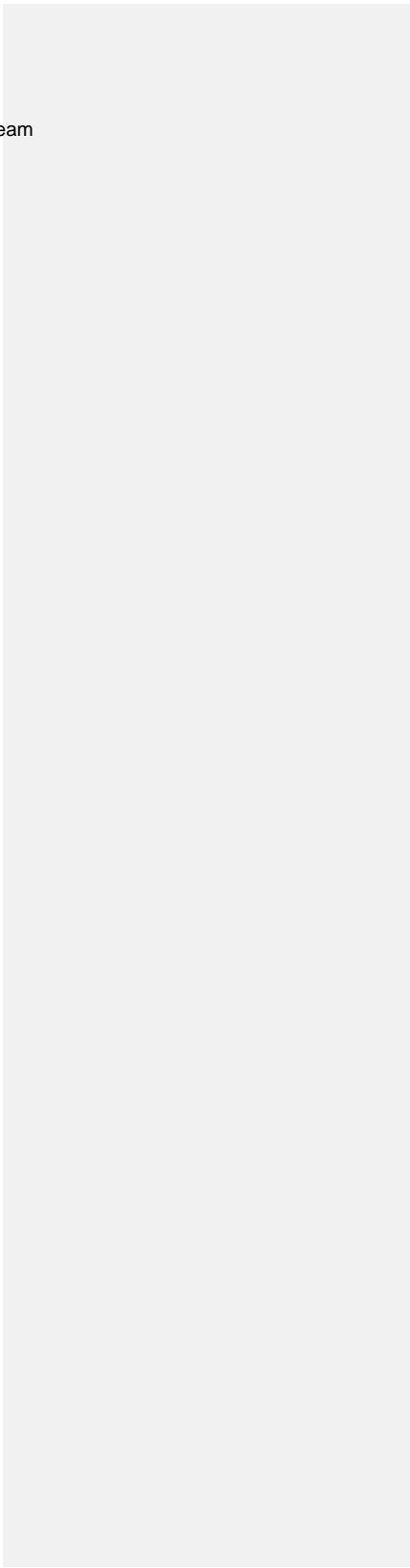
Course Schedule
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Date	Lecture #	Topic and Reading Assignment (Reading assignments will usually be discussed in the next class)

	8	W		Quiz 1 (take home) and meet with groups to select a paper for projects and prepare a timeline for preparing for presentation on 2/17 Read: http://www.nature.com/nature/journal/v447/n7143/full/447368a.html	Group meeting/select paper. Title, time line a copy of paper due by end of class. Take home quiz due Friday
	10	F	9	Catecholamines Read chapter on catecholamines	
	13	M	10	No class	
	15	W	11	No class	
	17	F	12	Group Presentations (1)	
	20	M	13	Using PET to image neurochemistry of the brain http://www.dnalc.org/view/1152-Positron-Emission-Tomography-PET-.html Catecholamines continued Article 3: http://jpet.aspetjournals.org/content/early/2012/01/03/j.111.189076.long or Salimpoor et al., 2011 http://www.nature.com/neuro/journal/v14/n2/full/nn.2726.html	HW: Description of Article 3 (take home message from each figure and 3 questions to address when reading the text)