



## **PSY 379H1 Memory and Learning Lab**

**Monday, 6:10PM – 9:00PM**

**Sid Smith 560**

### **Instructor and Teaching Assistant Information**

*Instructor*

**Gillian Rowe, Ph.D., C.Psych.** [gillian@psych.utoronto.ca](mailto:gillian@psych.utoronto.ca) and CC  
[growe.psychology@outlook.com](mailto:growe.psychology@outlook.com)

Please always email direct. Do not email from the portal as it will rarely reach me.

### **Instructor Office hours:**

I will be available after each class and by appointment online

**TA: TBD**

**TA Office hours:** TBD

### **Course Description and Objective**

The class meets weekly to learn how to critically think about research on memory, to conduct and analyze experiments, to interpret findings, to plan and design new studies. There will be many opportunities to practice your writing, your public speaking skills, and your critical thinking skills.

### **Required readings and material**

Various assigned readings will be posted

### **Course Evaluation**

#### *Course Requirements*

There are five basic course requirements that will count toward the calculation of your final grade:

1. Minor assignments and related presentations 21% (various due dates)
2. Quiz: 10%
3. Research Proposal 25%
4. Major Assignment 40% (includes designing/conducting experiment, related class presentation, write up in APA format,)
5. Participation 4%. This will take the form of critically thinking about presentations and writing/emailing a short commentary on your thoughts/ideas/suggestions. See end of outline for more information.

**Penalty for Lateness:** The write up portion of the major assignment is due at the start of the last class. Unless suitable medical documentation is submitted, the penalty for lateness is 5% (of the assignment mark) per day.

## **Important Departmental Policies**

### ***Policy on Academic Misconduct***

Students are responsible for avoiding the occurrence of academic misconduct. Plagiarism is the unacknowledged borrowing (or “stealing”) of another writer’s words and ideas, and minor changes in the wording here and there are not sufficient to avoid plagiarism. Students are urged to refer to <http://www.utoronto.ca/writing/plagsep.html> for more details on what counts as plagiarism and what can be done to avoid plagiarism. Another useful web page about plagiarism is [http://www.marymount.edu/academic/sehs/ps/plagiarism\\_glines/](http://www.marymount.edu/academic/sehs/ps/plagiarism_glines/) created by Marymount University. It is a students’ responsibility to read and understand the department’s policies on plagiarism.

### ***Prerequisites***

The Department does not waive prerequisites. All students must have the stated UofT St. George Campus prerequisites or their UTM/UTSC equivalents. Visiting students from other universities should have the equivalent prerequisites from their home institutions. Waivers will NOT be considered at any time and students will be removed from the course if proof of possessing the prerequisites is not presented.

Helpful course relevant websites:

<https://support.pstnet.com/hc/en-us/categories/115000077168-E-Prime-3-0-Experiment-Library>

## Course Outline

All emailed assignments should be sent to both Gillian and TA by 11:59 PM on Sundays

All written work should be double spaced in 12 point font.

Start thinking **very** early about proposed research and begin some background reading.

Date	Topics	Assignments/Notes
Sept 9	Introduction to the course/ourselves Research and the media Start thinking about major assignment	<p style="text-align: center;"><a href="http://blog.dansimons.com/2013/09/hi-bar-had-i-been-reviewer.html">http://blog.dansimons.com/2013/09/hi-bar-had-i-been-reviewer.html</a></p>
Sept 16	Demo 1: Working Memory Experiment 1 Ethics in research Group 1 presentations (Assignment 1) Presentation groups will be assigned first class. <i>ALL students must complete and submit each assignment (including ppt.), regardless of whether or not they are in the presenting group.</i> Be thinking about major assignment	Assignment 1: <i>Had I Been The Reporter</i> Worth 7% (5% paper, 2% presentation) Find recent media article (based on published research). 1. Compare to original, published paper. 2. Write your own 1 page “press version” as if you are the reporter 3. Prepare class presentation (10 min) providing a) overview of press article and discussion of whether or not misleading (with reasons) and b) your own “press version” noted above. <b>See Information sheet for more detailed instructions</b> Email both (in compatible formats) by 11:59 PM Sunday Sept 15 Include original abstract from journal article (downloaded library version is fine)
Sept 23	Discuss possible factors influencing results of experiments. Working Memory Experiment 2 Ethics continued. Think about major assignment	Assignment 2: Worth 7% Write 2 page paper discussing main challenges involved in conducting ethical research, and possible ways of overcoming them. <b>See Information sheet for more detailed instructions</b> Email by 11:59 PM Sunday Sept 22
Sept 30	Think about major assignment Presentations Group2 (Assignment 3) Demo 3. Implicit Memory Experiment	Assignment 3: Worth 7% (5% paper, 2% presentation) Write 2 page summary of proposed research for major assignment. Prepare brief powerpoint presentation. Complete Tri-Council tutorial. <a href="https://tcps2core.ca/welcome">https://tcps2core.ca/welcome</a> Email all (including Tri-Council certificate of completion) by 11:59 PM Sunday Sept 29

Oct 7	<p>SPSS workshop (<b>or – more likely -</b> comparable handout material). We will discuss this beforehand.</p> <p>Designing an experiment</p> <p>Components of a research proposal</p> <p><a href="https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_formatting_and_style_guide/apa_sample_paper.html">https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_formatting_and_style_guide/apa_sample_paper.html</a></p> <p><a href="https://www.jamovi.org/download.html">https://www.jamovi.org/download.html</a></p>	Work on Research Proposal
Oct 14	Thanksgiving	Work on major assignment
Oct 21	<p>Quiz</p> <p>Review possible research materials</p>	<p>Research Proposal due on Sunday Oct 20. Submit by 11:59 PM</p> <p>Read assigned chapter by today (will be posted)</p> <p>Work on major assignment/proposal</p>
Oct 28	Reading week	<p>Work on major assignment</p> <p>Begin writing paper (e.g., Intro, methods draft can be done now )</p>
Nov 4	Prepare study/test participants	<p>Work on major assignment</p> <p>Writing/testing etc</p>
Nov 11	Test participants, score, data entry, analyze	Test participants (data collection). Enter data. Analyze data. Continue writing paper
Nov 18	Test participants, score, data entry, analyze	Continue data collection and data analysis, writing paper
Nov 25	Test participants, score, data entry, analyze	Continue data collection and data analysis, writing paper
Dec 2	<p>Present findings (everyone)</p> <p>Wrap up</p>	<p>Prepare 10 minute max presentation. (your research question, methods, results, and brief discussion)</p> <p><b><i>Major assignment due <u>end of day (11:59 )PM –</u></i></b></p>

RE: the participation 4%. Choose 2 presentations from each of Assignments 1&3 (so 4 comments in total) and send comments (approximately one third to half a page each) to Gillian & TA. We will forward to presenter.