

Psych 499 A-B-C

Orientation meeting

Wednesday January 16, 2019



University of
Waterloo



Today's Session

REG Coordinator & Ethics Administrator

- Michelle Manios, PAS 3013, regadmin@uwaterloo.ca

Library liaison

- Tim Ireland PAS 3013, regadmin@uwaterloo.ca

Psych 499 Coordinator

- Richard Eibach, PAS 3053, reibach@uwaterloo.ca

General Remarks

The Honours Thesis is a unique opportunity

- apprenticeship in how to conduct research from developing a hypothesis to writing an empirical paper
- individual interaction and collaboration with faculty member & graduate students
- capstone experience for undergraduate honours degree
- essential preparation for graduate studies

General Remarks

Finding Information on Psych Dept. Webpage

- ▶ Current Undergrad Students
 - ▶ Courses
 - ▶ Psych 499 A/B/C

Information on:

- Honours thesis handbook (updated)
- Orientation meetings
- Deadlines & important dates
- Oral Presentation Schedule
- Contact information
- And more..... (e.g., where to find a sample thesis)

Agenda

- Course enrolment
- Supervisors
- Course format/tasks
- Common problems
- Additional opportunities

PSYCH 499A enrollment

Psych ave. of 82%, plus completion of

- ▶ PSYCH 391
- ▶ one of: PSYCH 389/390; 392-399, 483, 484

Contact potential supervisors when you're officially enrolled in 499A

Finding a supervisor

Contact faculty members after you've enrolled in Psych 499A

You might have to ask several different profs

Ordinarily, first make email contact with:

- ▶ Unofficial transcript
- ▶ Statement of interest (why do you want to work with this particular faculty member)
- ▶ What terms you hope to enroll in Psych 499A/B/C
- ▶ Request an appointment to meet in person

Supervisors

Selecting a thesis topic

- Consider an on-going project in faculty member's lab or suggest an topic of your own
- If suggesting your own topic be prepared to explain
 - why this topic interests you
 - what you've already read on this topic
 - Note: topic needs to be narrow enough to develop a clear research question and specific, testable hypotheses

Supervisor styles

- Some are structured, others less so
- Up to you to establish and maintain regular contact
- Plan accordingly if supervisor is going on sabbatical
- Be sure to clarify & manage expectations
 - ▶ How often will you check in (& virtually or f-to-f)?
 - ▶ Level of independence expected
 - ▶ Deadlines

Supervisors

Supervisors are useful to you beyond the thesis

- Letters of reference
- Information about:
 - ▶ applying for scholarships
 - ▶ applying to grad programs

Course Format

There are **3 components**:

- 499A: literature review, research question(s), & thesis reviewer nominations
- 499B: research design, proposal, & presentation
- 499C: data collection, analysis, & final write-up

Psych 499 can take 2 to 5 terms

- Many students complete in 2 terms (499A/B in term 1, 499C in term 2)
- Up to 5 terms might be necessary for coop students

Be flexible

Course tasks

Email name of thesis supervisor by **January 16** to Tammy Neal: **tammy.neal@uwaterloo.ca**

If taking 499A alone first

- ▶ Submit progress report to Richard Eibach by April 26
- ▶ Email Thesis reviewer nominations to Richard (reibach@uwaterloo.ca) by April 4th
- ▶ Complete your presentation in PSYCH 499B term

PSYCH 499A progress report

- 5-10 pages
- General statement about research area
- Brief description of relevant literature
- Research question
- Outline of further steps

Course tasks

If taking 499A&B concurrently

- ▶ Email Thesis reviewer nominations to Richard (reibach@uwaterloo.ca) by **January 25**
- ▶ TIP: book 499B presentation slot early!
- ▶ If you COMPLETE 499B, then you do NOT need to submit 499A progress report
- ▶ If you do not complete 499B, you MUST complete progress report (follow PSYCH 499 only schedule)

Thesis reviewer

Reviewer responsibilities:

- ▶ read research proposal, attend 499B presentation, and provide feedback
- ▶ read final thesis paper
- ▶ help assign final grade

Thesis reviewer nominations Email the following to Richard, reibach@uwaterloo.ca

- ▶ brief description of thesis topic (approx. 50 words)
- ▶ names of **3 faculty members** who you're nominating as reviewer

Richard will contact faculty members to find out if they're available

PSYCH 499B Research proposal

- Due 2 business days before your oral presentation date (e.g., Thurs 4:30 pm for Tues presentation)
- 10-15 pages
- Title, Abstract
- Concise background literature review & clear statement of research questions/hypotheses
- Method (measures/experimental procedures)
- Expected results & data analysis plan
- Proposed timeline to complete project
- Approved by supervisor (signed) and submitted to mailbox of your thesis reviewer

Oral presentation

Oral presentation for 499B

- 50 min; talk 20-25 min; remainder for discussion
- PowerPoint format
- Explain your rationale, purpose, methods, and hypotheses
- Not formally graded
- Reviewer will ask general questions, probe your knowledge, make suggestions
- Attend other students' presentations to familiarize yourself with format and practice in advance and

(Note: Presentation before data collection)

PSYCH 499C tasks

- Ethics approval (or end of 499B)
- Data collection
- Analysis
- Write up (more on next slide)

Final PSYCH 499C thesis paper

- Due by **April 27th**
- 20-30 pages
- Title, Abstract, Intro, Lit. Review & Hypotheses, Method, Results, Gen. Discussion, Refs, Tables & Figures, Appendices
- Submit electronic version to Tammy Neal:
tammy.neal@uwaterloo.ca
- Graded by Supervisor who comments and suggests a grade range, and 499 Reviewer, who comments and assigns final grade
 - same grade applied retroactively to 499A/B/C

Common Problems

Don't allow enough time for:

- ethics clearance
- data collection
- data analysis
- writing multiple drafts of the final product

Final product is not **APA format** or is missing:

- abstract
- **introduction/overview before** literature review
- clear and specific statement of **hypotheses**
- writing for a **general** psych audience

Conference Opportunity

Ontario Undergraduate Psychology Thesis Conference - at U. of Waterloo in 2019!

- ▶ informal forum for students in Ontario to present their theses
 - ▶ poster or oral presentation to a friendly, enthusiastic audience
 - ▶ discuss your work with peers who have similar interests
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- No registration fee for presenters & lunch is provided
 - Opportunity to network with students and faculty at other universities
 - Participants report that event is very worthwhile and enjoyable
 - Great experience to list on grad school applications

Who Can Answer Questions

Tammy Neal, Psych 499 course administrator

- Paperwork (enrolment, extensions, etc.)
- Scheduling 499B presentation
- Email: tammy.neal@uwaterloo.ca

Richard Eibach, Thesis Coordinator

- Should I be taking the thesis?
- Issues with your supervisor
- Email: reibach@uwaterloo.ca

Your thesis supervisor

- Research question & literature, designing your study, analyzing data, writing final product

Thesis Awards

- Recognize exceptional performance throughout all stages of the thesis project
- Awarded annually in June for theses completed the prior three terms
- Nominated by Supervisor

Responsible Research Conduct

You are responsible for following research integrity standards and university policies

Information/resources about responsible research conduct, FAQs etc.

<https://uwaterloo.ca/research/office-research-ethics/research-integrity>

Responsible Research Conduct

**Free training available to anyone
with a UW email address**

[https://uwaterloo.ca/research/office-research-ethics/
research-integrity/training-and-resources](https://uwaterloo.ca/research/office-research-ethics/research-integrity/training-and-resources)

Responsible Research Conduct

Review UW's Graduate academic integrity module

- ▶ Useful information about properly identifying sources, collaborating with integrity, honestly recording/reporting findings

<https://uwaterloo.ca/library/get-assignment-and-research-help/academic-integrity/graduate-students-and-academic-integrity>