

Asynchronous UROP Seminar 291 – Spring 2022

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Description: The Undergraduate Research Opportunity (UROP) Seminar complements the research you are doing with your faculty mentor in your UROP Apprenticeship. The course seeks to help you get the most out of your experience as a research apprentice. Through your work in the Seminar, you will:

- Better understand practices common to research endeavors,
- Learn how to communicate professionally to your faculty and research colleagues,
- Learn how to present your research activities to both specialized and general audiences,
- Develop your abilities to work collaboratively with your peers from different disciplines,
- Practice speaking intelligently about the local and larger significance of the research you are undertaking,
- Examine the ethical and safety implications of a variety of research tasks,
- Think creatively and proactively about your future academic and professional goals.

Course Requirements: This is a one-credit seminar where must be concurrently working with a faculty mentor. Because of the nature of this credit-bearing course, active and thoughtful participation, and prompt and meaningful completion of assignments are key requirements.

Assignments: You will be completing a range of short assignments, including maintaining a research log, preparing a professional research abstract, and presenting the outcomes of your research experience.

Attendance and Participation: Students are expected to contribute quality discussion posts to class, to share their experiences from their research partnerships, and to support the efforts of their classmates. This is especially important since we will be discussing current research in your fields. **Attendance is defined as posting in each week's discussion posts and participation defined as a quality discussion post. I want to see that you are making a good effort at answering the prompts for the week.** Together these will count as 30% of your grade. **Discussion posts will be added to Canvas on Mondays and you will have until the following Monday to respond.**

Grading: Final grades will be based on the materials you submit over the course of the semester and the records of your class participation. The grading breakdown is as follows:

30% Attendance and Participation (Discussion Posts)

30% Short Assignments (Abstract Drafts, Faculty Interview, and Campus Talk)

10% Research Log

15% Presentation

15% Final Research Abstract

General Expectations:

- Treat your peers, fellows, and the directors of the program with respect.
- Keep up to date on all assignments – writing and/or reading.
- Show up prepared and on time for the seminar.
- Engage in discussions and activities.
- Keep us informed about problems in your research.
- Keep an open mind and have fun!

If you require any accommodations to meet any of the requirements of this course, please inform me as soon as possible. Have a great semester!

**UROP Seminar Calendar
Spring 2022**

Please note: this calendar is subject to change – I will update you to changes during via Canvas.

Week	Covered in Class	Assignments Introduced	Assignments Due
1 Jan 24 th	Introductions. Syllabus Review. What is research?	Research Log Assignments	
2 Jan 31 st	How do you do research? What aspects of research are you unclear about? Discuss Research Group Personnel	Campus Talk	
3 Feb 7 th	Where does my research mentor fit in to the greater disciplinary community? Find an article written by or contributed to by your faculty mentor. Library Resources.	Faculty Interview	
4 Feb 14 th	How do you present research findings? Read abstract examples. Writing an abstract. Group feedback.	Abstract Draft 1	Check on Research Logs
5 Feb 21 st	Feedback on first drafts		Abstract Draft 1
6 Feb 28 th	Feedback on first drafts	Abstract Draft 2	
7 Mar 7 th	Feedback on second draft and SURF discussion		Abstract Draft 2
8 Mar 14 th	Conference Poster Workshop		Abstracts for Symposium
9 Mar 21 st	Spring Break		
10 Mar 28 th	What are the rules of research? Research Ethics		
11 Apr 4 th	What happens to research results?		
12 Apr 11 th	How do I communicate my role in research? In-class technical vs. lay description of your research.		
13 Apr 18 th	NSF/REU information. Discuss McNair Program		Campus Talk Assignment
14 Apr 25 th	Discuss final presentation What research might you do in the future? Graduate School and discuss Professional Timeline.		Faculty Interview
15 May 2 nd	Final Presentations		
16 May 9 th	Final Presentations		Final Research Logs