

ENR 4890H: Honors Colloquium Fall 2018

Instructor: Dr. Lauren Pintor
Office: 473C Kottman Hall
Office Hours: By Appointment
Email: pintor.6@osu.edu
Credit: Lecture/Recitation, 1 credit
Time: Tuesdays, 3:00 - 3:55pm
Location: 460 Kottman Hall

Course Description & Goals:

The overall goal of this course is to develop the skills and provide the structure to prepare a competitive research proposal in the natural and social sciences.

Specifically, the objectives of this course include:

- 1) To conduct a literature search and synthesize the published knowledge and ideas related to your proposed honors thesis research question.
- 2) To refine your research question, objectives and hypotheses associated with your honors thesis project.
- 3) To present your proposed research project to peers and faculty.
- 4) To prepare and submit a full research proposal in fulfillment of the ENR Honors Program requirements.

Course Assessment & Grading:

The grading for this course is satisfactory/unsatisfactory. Completion of all assignments listed below and no unexcused absences are required to achieve a satisfactory grade.

Assignments include:

- 1) Literature search & selective annotated bibliography.
- 2) First draft of introduction of proposal.
- 3) Formal presentation of research proposal to students and faculty.
- 4) Final draft of research proposal.

Literature Search & Selective Annotated Bibliography

Each student will conduct a literature search on the topic of their honors thesis. Students will then write a structured annotated bibliography on a selected set of 10 peer-reviewed sources (e.g. primary literature) that are most relevant to the student's research question. More details will be given during class, but briefly, the goals of the literature search and annotated bibliography are: 1) to provide structure behind a review of the literature on student's honors thesis topics, and 2) to critique and illustrate the quality of the source.

Research Presentation:

Each student will be required to present their proposed research to students and faculty. These will be "lightning presentations" that will be 5 minutes long, with 3-5 minutes for questions and discussion from the audience.

Research Proposal:

Each student will write and submit a research proposal. The proposal format will be reviewed in detail during the course, but briefly, the proposal will reflect similar proposal requirements for several undergraduate research competitions on campus (e.g. OSU's URCIO research fellowships, OARDC Undergraduate Seeds Grant Competition). The proposal should be 5-pages, single-spaced (12-point font) and contain the following components:

- 1) Introduction/Background
- 2) Rationale & Significance of Work
- 3) Approach
- 4) References (not part of 5-page limit)
- 5) Schedule of Activities
- 6) Budget & Budget Narrative (not part of 5-page limit)
- 7) CV (not part of 5-page limit)

Disabled students

Students with disabilities who need accommodations should see the course instructors during office hours to make arrangements.

Special needs must be discussed and arrangements made well in advance (preferably during the first week of classes) of when they are required.

Special accommodations may be arranged through the OSU Office of Disability Service, 150 Pomerene Hall, 1760 Neil Ave., Phone – 292-3307, website – <http://www.ods.ohio-state.edu/>.

Academic Misconduct:

It is the responsibility of the Committee on Academic Misconduct to investigate or establish procedures for the investigation of all reported cases of student academic misconduct. The term “academic misconduct” includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations. Instructors shall report all instances of alleged academic misconduct to the committee (Faculty Rule 3335-5-487). For additional information, see the Code of Student Conduct at <http://studentlife.osu.edu/csc/>.

Take care of yourself

A recent American College Health Survey found stress, sleep problems, anxiety, depression, interpersonal concerns, death of a significant other, and alcohol use among the top ten health impediments to academic performance. Students experiencing personal problems or situational crises during the semester are encouraged to contact the Office of Student Life (614-292-9334; <https://studentlife.osu.edu/>) and/or Counseling and Consultation Services (614-292-5766; www.ccs.osu.edu) for assistance, support, and advocacy. **They offer a number of FREE drop-in-when-you-are-able workshops. No registration is necessary, no prior appointment is needed. These workshops are open to all enrolled OSU students. (<http://www.ccs.ohio-state.edu/drop-in-workshops/>).**

Course Schedule & Due Dates for Assignments on the Back!

SCHEDULE IS SUBJECT TO CHANGE

<i>Week</i>	<i>Date</i>	<i>Topic</i>
1	21-Aug	Introduction & Course Overview
2	28-Aug	Concept & Keyword Mapping
3	4-Sep	Reading & Critiquing the Peer-Reviewed Literature (<i>Assigned Reading on Carmen: Stanford et al. 2017</i>)
4	11-Sep	Tips for Conducting a Literature Search & Managing References (Jessica Page)
5	18-Sep	Generating Hypotheses & Objectives
6	25-Sep	Generating Hypotheses & Objectives
7	2-Oct	<i>Annotated Bibliography Due</i>
8	9-Oct	Student-Led Discussions of Research Question, Hypothesis & Objectives
9	16-Oct	Student-Led Discussions of Research Question, Hypothesis & Objectives
10	23-Oct	Student-Led Discussions of Research Question, Hypothesis & Objectives
11	30-Oct	OARDC Seeds Proposal & Budget Mechanics & Guidelines (<i>Draft of Proposal Introduction Due</i>)
12	6-Nov	Peer-Review of Proposal Introduction
13	13-Nov	In-Class Writing Session
14	20-Nov	In-Class Writing Session
15	27-Nov	Lightening Talks
16	4-Dec	Lightening Talks
<i>Finals Week, Final Proposal Due Tues., Dec 11, 2018</i>		