

## **ENR 4890H: Honors Colloquium Fall 2019**

**Instructor:** Dr. Lauren Pintor  
**Office:** 473C Kottman Hall  
**Office Hours:** By Appointment  
**Email:** [pintor.6@osu.edu](mailto: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 refine your research question, and develop hypotheses and objectives associated with your honors thesis project.
- 2) To present your proposed research project to peers and faculty.
- 3) To prepare and submit a first draft and then later 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) Lead an, informal, in-class discussion of your research question, hypotheses & objectives.
- 2) First draft of proposal introduction.
- 3) Formal presentation of research proposal to students and faculty.
- 4) Final draft of research proposal.

### ***Student-Led Discussion of Research Question, Hypotheses & Objectives***

Each student will lead an informal, in class discussion of their current research question, hypotheses and objectives associated with their honors thesis. These will be short discussions that will be 15 minutes long and are meant for you to get feedback from their peers about their questions, hypotheses & objectives.

### ***First Draft of Proposal Introduction***

One week following the student-led discussion of your research question, hypotheses and objectives you will turn in a first draft of your proposal introduction, along with the list of references you have used to develop the introduction. Introductions should generally be about 3-pages in length (single spaced) to fit within the guidelines of the full research proposal that you'll submit at the end of the semester.

**Research Presentation:**

Each student will be required to present their proposed research to students and faculty. These will be short presentations that will be 7-10 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 (not part of 5-page limit)
- 6) Location, Facilities & Equipment required (not part of 5-page limit)
- 7) Budget & Budget Narrative (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](http://www.ccs.osu.edu)) for assistance, support, and advocacy. Additionally, CFAES now has an embedded counselor, David L. Wirt, M.Ed., LPCC-S. If you would like to meet with David, please go to <https://ccs.osu.edu> and click on “schedule a phone screening.” This will enable David,

or one of his colleagues, to contact you to discuss needs, and to schedule for sessions, when needed. You can also call 614-292-5766 to start this process. Students should mention they are a CFAES student if they call to be routed to David.

***Course Schedule & Due Dates for Assignments on the Back!***

***SCHEDULE IS SUBJECT TO CHANGE***

<b><i>Week</i></b>	<b><i>Date</i></b>	<b><i>Topic</i></b>
1	20-Aug	Introduction & Course Overview
2	27-Aug	Concept & Key Word Mapping
3	3-Sep	Refining Research Questions & Developing Hypotheses
4	10-Sep	Tips for Reading and Critiquing the Peer Reviewed Literature
5	17-Sep	OARDC Seeds Proposal & Budget Mechanics & Guidelines
6	24-Sep	Group 1: Student-Led Discussions of Research Question, Hypothesis & Objectives
7	1-Oct	Group 2: Student-Led Discussions of Research Question, Hypothesis & Objectives (Group 1 First Draft of Introduction Due)
8	8-Oct	Group 3: Student-Led Discussions of Research Question, Hypothesis & Objectives (Group 2 First Draft of Introduction Due)
9	15-Oct	Group 4: Student-Led Discussions of Research Question, Hypothesis & Objectives (Group 3 First Draft of Introduction Due)
10	22-Oct	Proposal Methods Development (Group 4 First Draft of Introduction Due)
11	29-Oct	Open Session for Proposal Methods Development
12	5-Nov	Proposal Presentations
13	12-Nov	Proposal Presentations
14	19-Nov	Proposal Presentations
15	26-Nov	Open Writing Session for Proposal Revisions
16	3-Dec	Open Writing Session for Proposal Revisions
<b><i>Finals Week, Final Proposal Due Tues., Dec 10, 2019</i></b>		