ENR 4890H: Honors Colloquium
Fall 2017

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 student’s proposed honors thesis research question.
2) To design a study and propose methodology that effectively tests your research question and set of hypotheses.
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 & methods 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 6 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. Each presentation will be 12 minutes long, with 3 minutes for questions and discussion from the audience. Students will be required to give constructive feedback on their peer’s presentations.
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 URO Summer Research
Fellowship, OARDC Undergraduate Seeds Grant Competition). The proposal should be 10-pages,
double-spaced (11 or 12-point font) and contain the following components:
1) Introduction/Background
2) Rationale & Significance of Work
3) Study Design & Methods
4) Anticipated Pitfalls
5) Literature Cited (not part of 10-page limit)
6) Budget (not part of 10-page limit)
7) CV (not part of 10-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!
<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Topic</th>
<th>Assignment</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>22-Aug</td>
<td>Introduction &amp; Course Overview</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>5-Sep</td>
<td>Concept &amp; Keyword Mapping</td>
<td>In Class Activity: Concept map</td>
</tr>
<tr>
<td>4</td>
<td>12-Sep</td>
<td>Tips for Conducting a Literature Search &amp; Managing References (Jessica Page)</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>19-Sep</td>
<td>Reading &amp; Critiquing the Peer-Reviewed Literature</td>
<td>Assigned Reading on Carmen: Patzak et al. (2017)</td>
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<tr>
<td>6</td>
<td>26-Sep</td>
<td>Generating Hypotheses &amp; Objectives</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>3-Oct</td>
<td>Designing Research Studies</td>
<td></td>
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<tr>
<td>8</td>
<td>10-Oct</td>
<td></td>
<td>Annotated Bibliography Due</td>
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<tr>
<td>9</td>
<td>17-Oct</td>
<td>Student-Led Discussions of Research Question, Hypothesis &amp; Objectives</td>
<td></td>
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<tr>
<td>10</td>
<td>24-Oct</td>
<td>Student-Led Discussions of Research Question, Hypothesis &amp; Objectives</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>31-Oct</td>
<td>OARDC Seeds Proposal &amp; Budget Mechanics &amp; Guidelines</td>
<td>Draft of Introduction &amp; Methods Due</td>
</tr>
<tr>
<td>12</td>
<td>7-Nov</td>
<td>Peer-Review of Proposal Introduction &amp; Methods</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>14-Nov</td>
<td>Tips on Proposal Presentations</td>
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</tr>
<tr>
<td>14</td>
<td>21-Nov</td>
<td>Thanksgiving Break: Open Session</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>28-Nov</td>
<td>Proposal Presentations</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>5-Dec</td>
<td>Proposal Presentations</td>
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**Final Week**

*Final Proposal Due Via Carmen Dropbox on Tues, December 12, 2017*