Gender Bias in Spotify Recommendation Algorithms

# Responsibilities

1. ~~Register for XX193 under your advisor’s name.~~
2. ~~Meet weekly with your research advisor (~~**~~up to you to schedule a time with them~~**~~)~~
3. Prepare a written thesis proposal and submit it to your Honors Thesis Committee by October 1; Your advisor should notify you that your project is approved no later than November 1.  Your advisor should notify the appropriate CEMS HCOL Representative that a thesis project has been approved. They are currently: Professor George Pinder for Engineering and Professor Jun Yu for CS, Math & Statistics
4. Complete a significant portion of your research / project.

# Thesis Proposal Details

The thesis proposal is 5 pages long (at least). It should include the following sections:

1. **Introduction** – introduce the research question or the project motivation.
2. **Background** – This should review the relevant literature. It should not just be a summary of papers, but a critical review of the current literature that shows where the holes are that your thesis will solve or contribute to solving.
3. **Goals** - The thesis goals should follow directly from the background / literature review.
4. **Specific workplan with timelines**. It is often helpful to organize this around your thesis goals. This section should include a budget if there are significant costs.

This proposal should be submitted to your Honors Thesis Committee by October 1. Your advisor should notify you that your project is approved no later than November 1.  Your advisor should notify the appropriate CEMS HCOL Representative that a thesis project has been approved.

# Timeline

September 3rd – 9th

* Set up initial meetings with advisor
* Thesis proposal outline and plan
* Review of Python and Spotify Web API
* Committee

September 10th – 16th

* Write Background—two pages minimum largely from annotated bibliography completed in Spring
* Begin Goals
* Continue to add to committee

September 17th – 23rd

* Proofread and review Background
* Complete Works Cited
* Complete Goals
* Write Introduction

September 24th – 30th

* Write Specific Workplan
* Deliver rough draft to thesis advisor
* Submit to thesis advisor group for approval

October 1st – November 1st

* Code mechanism in Python for data collection
* Collect data

# Action Items

* ~~Honors thesis title~~
* ~~Set up weekly meetings with thesis advisor~~
* Review “committee”—considering including Jason Hibbeler, Richard Single, or other professors I have worked with in the past
* Start writing Python code
* Thesis proposal examples and outline