

SPRING 2021 (COVID-19)
Independent Study
End of Semester Completion Report

Student Name	John Church
Faculty Member Name	Dr. Kathryn Ramsey
# Credits Registered	3

Please complete each of the following sections. Have the report approved and signed by your faculty member and submit to Erin Edmonds, RM 215A.

1.0 Provide a summary of the work you performed this semester and any assignments you were given.

Throughout this semester, I have primarily performed Kirby-Bauer disk diffusion assays. I presented both the findings of these assays and an academic journal article to my lab.

2.0 Did you achieve all of the goals listed in your Learning Contract? If yes, please discuss in detail. If no, please explain why these goal were not met.

Yes, I was able to increase my fluency with lab techniques through my assays, improve my familiarity with scientific literature through reading and presenting journal articles, and understand the biological implications of my assays through performing them and presenting on the significance of the results.

3.0 Is there any outstanding work/assignments that you need to complete prior to the end of the semester? How will this be achieved (additional hours, assistance from colleagues, etc.).

Nothing is outstanding, however I am hoping to continue my Kirby-Bauer disk diffusion assays and start performing MIC tube assays over the coming weeks.

4.0 What practical skills do you feel you learned or gained from this independent study?

I learned how to perform individual experiments by doing them in lab, but I believe that presenting to my lab, managing my time in lab, communicating with lab members, and reading journal articles helped me gain important skills that I can use in future research.

5.0 Do you feel the number of credits earned is a fair representation of the amount of work performed during your independent study? Please explain.

Yes, as I spend roughly 10 hours in lab each week between preparing, setting up, and reading results for my experiments, attending lab meeting, reading papers and analyzing my results, and communicating with Dr. Ramsey or other lab members on video calls.

6.0 Do you have any ideas/suggestions to improve or enhance independent study with this faculty member in the future?

We did presentations throughout the semester on journal articles and our own lab work, but I just wanted to say that I think it is great that we had the opportunity to do these presentations and do them in person. There are different areas of science and research that people go into, but communicating scientific ideas to others is always a really important skill to work on.

SIGNATURES

By signing below, I agree that this statement fairly describes the research experience including the nature of the problem investigated, the methods used/learned, the time committed by student and supervisor, and the methods used to evaluate success.



4/19/21

Student Signature

Date

Faculty Signature

Date

Additional Supervisor
(if appropriate)

Date