NSF RTG Fall 2022 Undergraduate Seminar
Q1 - Did you gain some new technique from the seminar that may be useful for your future research?




Q3 - What is the status of your seminar project?


Q4_3_TEXT - Other

We have not decided on what project I would be doing

Q4 - Course Logistics Please rate the level of your satisfaction with the following areas (response required):

| \# | Question | Not at all <br> satisfied | Somewhat <br> Satisfied |  | Satisfied |  | Very <br> Satisfied | Total |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 1 | Course content | $0.00 \%$ | 0 | $0.00 \%$ | 0 | $60.00 \%$ | 3 | $40.00 \%$ | 2 | 5 |
| 2 | Course time and length | $0.00 \%$ | 0 | $0.00 \%$ | 0 | $40.00 \%$ | 2 | $60.00 \%$ | 3 | 5 |
| 3 | Choice of text book | $40.00 \%$ | 2 | $0.00 \%$ | 0 | $20.00 \%$ | 1 | $40.00 \%$ | 2 | 5 |
| 4 | Interaction with faculty | $0.00 \%$ | 0 | $20.00 \%$ | 1 | $40.00 \%$ | 2 | $40.00 \%$ | 2 | 5 |
| 5 | Frequency of presentation | $0.00 \%$ | 0 | $20.00 \%$ | 1 | $20.00 \%$ | 1 | $60.00 \%$ | 3 | 5 |
| 6 | Interaction with other |  |  |  |  |  |  |  |  |  |
| students | $0.00 \%$ | 0 | $20.00 \%$ | 1 | $20.00 \%$ | 1 | $60.00 \%$ | 3 | 5 |  |


| \# | Field | Minimum |  | Maximum M | Mean | Std Deviation |  | Variance |  | Count |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | Course content |  | . 00 | 4.00 | 40 |  | 0.49 | 0.24 |  | 5 |
| 2 | Course time and length |  | . 00 | 4.00 |  |  | 0.49 | 0.24 |  | 5 |
| 3 | Choice of text book |  | . 00 | 4.00 2, | 60 |  | 1.36 | 1.84 |  | 5 |
| 4 | Interaction with faculty |  | . 00 | 4.00 | 20 |  | 0.75 | 0.56 |  | 5 |
| 5 | Frequency of presentation |  | . 00 | 4.00 | 40 |  | 0.80 | 0.64 |  | 5 |
| 6 | Interaction with other students | 2.00 |  | $4.00 \quad 3.40$ |  | 0.80 |  | 0.64 |  | 5 |
| \# | Question | Not at all satisfied |  | Somewhat Satisfied |  | Satisfied |  | Very <br> Satisfied |  | Total |
| 1 | Course content | 0.00\% | 0 | 0.00\% | 0 | 60.00\% | 3 | 40.00\% | 2 | 5 |
| 2 | Course time and length | 0.00\% | 0 | 0.00\% | 0 | 40.00\% | 2 | 60.00\% | 3 | 5 |
| 3 | Choice of text book | 40.00\% | 2 | 0.00\% | 0 | 20.00\% | 1 | 40.00\% | 2 | 5 |
| 4 | Interaction with faculty | 0.00\% | 0 | 20.00\% | 1 | 40.00\% | 2 | 40.00\% | 2 | 5 |
| 5 | Frequency of presentation | 0.00\% | 0 | 20.00\% | 1 | 20.00\% | 1 | 60.00\% | 3 | 5 |
| 6 | Interaction with other students | 0.00\% | 0 | 20.00\% | 1 | 20.00\% | 1 | 60.00\% | 3 | 5 |

Q5 - For any areas above you were either not at all satisfied or somewhat satisfied, please explain how they could be improved.

I would like to have time for faculty to help us and more meetings with faculty to talk about career options. Additionally, I would like the seminar to have more students in each group, so group discussions are more fruitful.
The text, undergraduate algebraic geometry by Reid, was very strange. I think the seminar would have been suited by some other text that did a better job laying a groundwork of fundamental definitions. Additionally it is the first textbook I have read that legitimately felt rude in a few places. the textbook was very hard to read (miles reid my most beloathed) and we had to present more frequently than we otherwise would have because the seminar was spilt into two groups of three

## Q6 - Overall Experience Please rate your level of agreement or disagreement with the

 following statements (response required):| \# | Question | Strongly <br> Disagree |  | Disagree |  | Agree |  | Agree <br> Agre | Total |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 1 | The faculty supported the seminar | $0.00 \%$ | 0 | $0.00 \%$ | 0 | $20.00 \%$ | 1 | $80.00 \%$ | 4 | 5 |
| 2 | The presentations were well-organized | $0.00 \%$ | 0 | $0.00 \%$ | 0 | $40.00 \%$ | 2 | $60.00 \%$ | 3 | 5 |
| 3 | Overall, course sessions and activities <br> added to my content knowledge | $0.00 \%$ | 0 | $0.00 \%$ | 0 | $20.00 \%$ | 1 | $80.00 \%$ | 4 | 5 |


| \# | Field | Minimum | Maximum | Mean | Std <br> Deviation | Variance | Count |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 1 | The faculty supported the seminar | 3.00 | 4.00 | 3.80 | 0.40 | 0.16 | 5 |
| 2 | The presentations were well-organized | 3.00 | 4.00 | 3.60 | 0.49 | 0.24 | 5 |
| 3 | Overall, course sessions and activities added <br> to my content knowledge | 3.00 | 4.00 | 3.80 | 0.40 | 0.16 | 5 |


| \# | Question | Strongly <br> Disagree |  | Disagree |  | Agree |  | Strongly <br> Agree | Total |  |
| ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 1 | The faculty supported the seminar | $0.00 \%$ | 0 | $0.00 \%$ | 0 | $20.00 \%$ | 1 | $80.00 \%$ | 4 | 5 |
| 2 | The presentations were well-organized | $0.00 \%$ | 0 | $0.00 \%$ | 0 | $40.00 \%$ | 2 | $60.00 \%$ | 3 | 5 |
| 3 | Overall, course sessions and activities <br> added to my content knowledge | $0.00 \%$ | 0 | $0.00 \%$ | 0 | $20.00 \%$ | 1 | $80.00 \%$ | 4 | 5 |

## Q7 - What is one thing you would change about the course? How would you change it?

I would maybe add more time applying our knowledge, meaning more time spent working on some exercises applying learned techniques. This could either be at the end of one talk rotation or some problems we work on and talk about together.

A different textbook is the main change I would like to see.
I would have used a different book than Miles Reid's but I'm not familiar with textbooks on algebraic geometry.
Having material which is more easily understandable and applies to our interests

Q8 - Are there specific topics in Geometry and Topology you want to explore in a future undergraduate seminar?

I would like to learn about advanced complex analysis or differential geometry Riemann surfaces, potentially with examples/applications to number theory I'm good with anything.

TDA

## Q9 - What other comments would you like to share with us?

I had a wonderful time and I look forward to hopefully getting to do it again. I definitely want to make sure there is more peer interaction in the talks though.
Thanks for doing this! I appreciate it.

## Q10 - What is your gender?



## Q11 - What is your racial identity? (click all that apply)



| \# | Answer | \% | Count |
| :---: | :---: | :---: | :---: |
| 1 | White | 80.00\% | 4 |
| 2 | Black or African or African American | 0.00\% | 0 |
| 3 | American Indian or Alaska Native | 0.00\% | 0 |
| 4 | Asian | 0.00\% | 0 |
| 5 | Native Hawaiian or Pacific Islander | 0.00\% | 0 |
| 7 | Other | 0.00\% | 0 |
| 8 | Prefer Not to Answer | 20.00\% | 1 |
|  | Total | 100\% | 5 |

## Q12 - What is your ethnicity?



Q13 - Are you the first member in your immediate family (parents and siblings) to attend college?


| \# | Field | Minimum | Maximum | Mean | Std <br> Deviation | Variance | Count |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 1 | Are you the first member in your immediate <br> family (parents and siblings) to attend college? | 2.00 | 2.00 | 2.00 | 0.00 | 0.00 | 5 |


| $\#$ | Answer | $\%$ | Count |
| ---: | ---: | ---: | ---: |
| 1 | Yes | $0.00 \%$ | 0 |
| 2 | No | $100.00 \%$ | 5 |
| 3 | Not sure | $0.00 \%$ | 0 |
|  | Total | $100 \%$ | 5 |

