

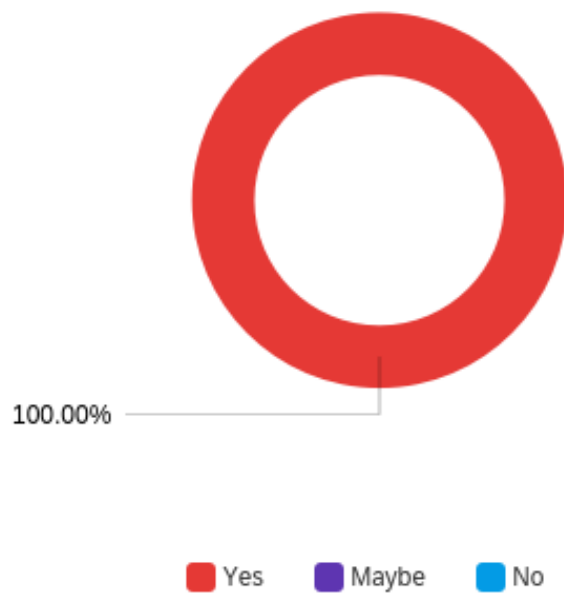
NSF RTG Spring 2023 Undergraduate Seminar

Q2 - Did you gain some new technique from the seminar that may be useful for your future research?



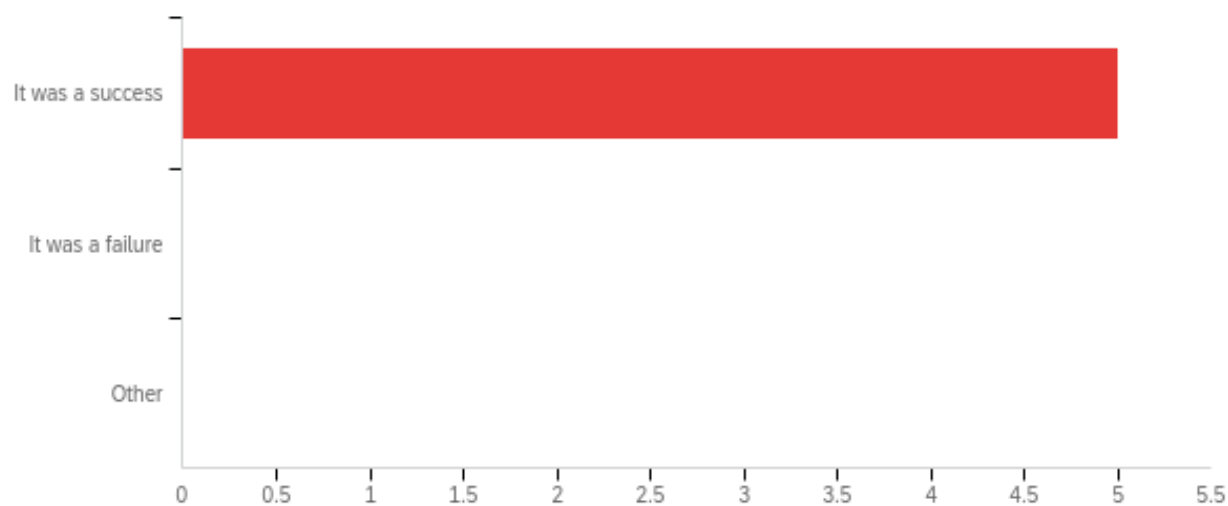
■ Not at all useful
 ■ Slightly useful
 ■ Moderately useful
 ■ Very useful
 ■ Extremely useful

#	Answer	%	Count
24	Not at all useful	0.00%	0
25	Slightly useful	0.00%	0
26	Moderately useful	0.00%	0
27	Very useful	40.00%	2
28	Extremely useful	60.00%	3
	Total	100%	5

Q3 - Did the Training Seminar improve your research presentation skills?

#	Answer	%	Count
38	Yes	100.00%	5
39	Maybe	0.00%	0
40	No	0.00%	0
	Total	100%	5

Q4 - What is the status of your seminar project?



#	Answer	%	Count
1	It was a success	100.00%	5
2	It was a failure	0.00%	0
3	Other	0.00%	0
	Total	100%	5

Q5 - Course Logistics Please rate the level of your satisfaction with the following areas (response required):

#	Question	Not at all satisfied		Somewhat Satisfied		Satisfied		Very Satisfied		Total
1	Course content	0.00%	0	40.00%	2	0.00%	0	60.00%	3	5
2	Course time and length	0.00%	0	0.00%	0	40.00%	2	60.00%	3	5
3	Choice of text book	0.00%	0	40.00%	2	20.00%	1	40.00%	2	5
4	Interaction with faculty	0.00%	0	20.00%	1	0.00%	0	80.00%	4	5
5	Frequency of presentation	0.00%	0	0.00%	0	20.00%	1	80.00%	4	5
6	Interaction with other students	0.00%	0	0.00%	0	60.00%	3	40.00%	2	5

#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Course content	2.00	4.00	3.20	0.98	0.96	5
2	Course time and length	3.00	4.00	3.60	0.49	0.24	5
3	Choice of text book	2.00	4.00	3.00	0.89	0.80	5
4	Interaction with faculty	2.00	4.00	3.60	0.80	0.64	5
5	Frequency of presentation	3.00	4.00	3.80	0.40	0.16	5
6	Interaction with other students	3.00	4.00	3.40	0.49	0.24	5

Q6 - For any areas above you were either not at all satisfied or somewhat satisfied, please explain how they could be improved.

The text is what could be most improved about the course. In terms of giving presentations separated by a few weeks, the book didn't have enough sections that are more focused on talking about ideas. This led to some presentations that were just working through a tedious proof, which did not feel like a useful topic for developing presentation skills.

The book chosen was written from lectures, so there was some content missing that could've helped clarify certain topics as well as some claims (important ones, at that) that were made without justification. I met with my faculty advisor one time and they didn't know what they were supposed to do and we never met again.

Q7 - Overall Experience Please rate your level of agreement or disagreement with the following statements (response required):

#	Field	Minimum	Maximum	Mean	Std 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 to my content knowledge	3.00	4.00	3.80	0.40	0.16	5

#	Question	Strongly Disagree		Disagree		Agree		Strongly 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 added to my content knowledge	0.00%	0	0.00%	0	20.00%	1	80.00%	4	5

Q9 - What is one thing you would change about the course? How would you change it?

It might be better to have the seminar be focused around problems that the students work on, which is a way that the student can give a more motivated presentation. In my mind, these don't need to be original research topics, but structured problems that can lead students to "discover" a topic for themselves.

The book, it was honestly not that great, would get another book

Give students more choice on the book/topic covered at the beginning of the course. This could work by looking at a catalog of possible topics/books and voting during the first meeting.

I would possibly slow down the rate at which we cover a textbook to get a better understanding of the material.

More attention to specific problems or exercises from the readings. Just a little bit to better supplement the readings studied.

Q29 - Are there specific topics in Geometry and Topology you want to explore in a future undergraduate seminar?

I'm looking at Laver tables and their connection to braid theory right now

Various applications of topology; symplectic topology; contact geometry;

The Double Bubble theorem

Knot Theory

Q10 - What other comments would you like to share with us?

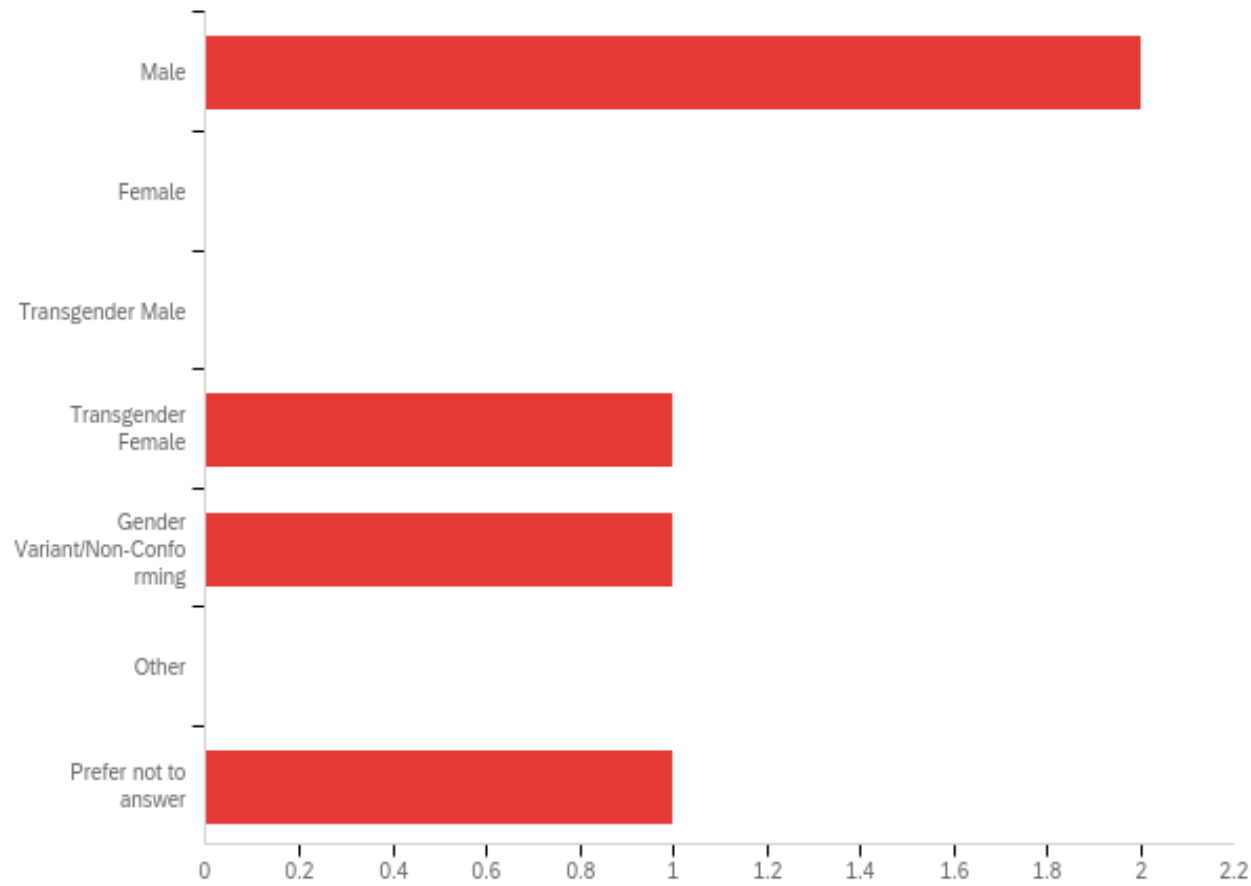
What other comments would you like to share with us?

I think Joe was a really good mentor for this seminar. His explicit focus on developing the story of the presentation was really helpful. He also helped me on a separate presentation of my own research, and his feedback greatly improved my skills.

Thanks for doing this! It was fun!

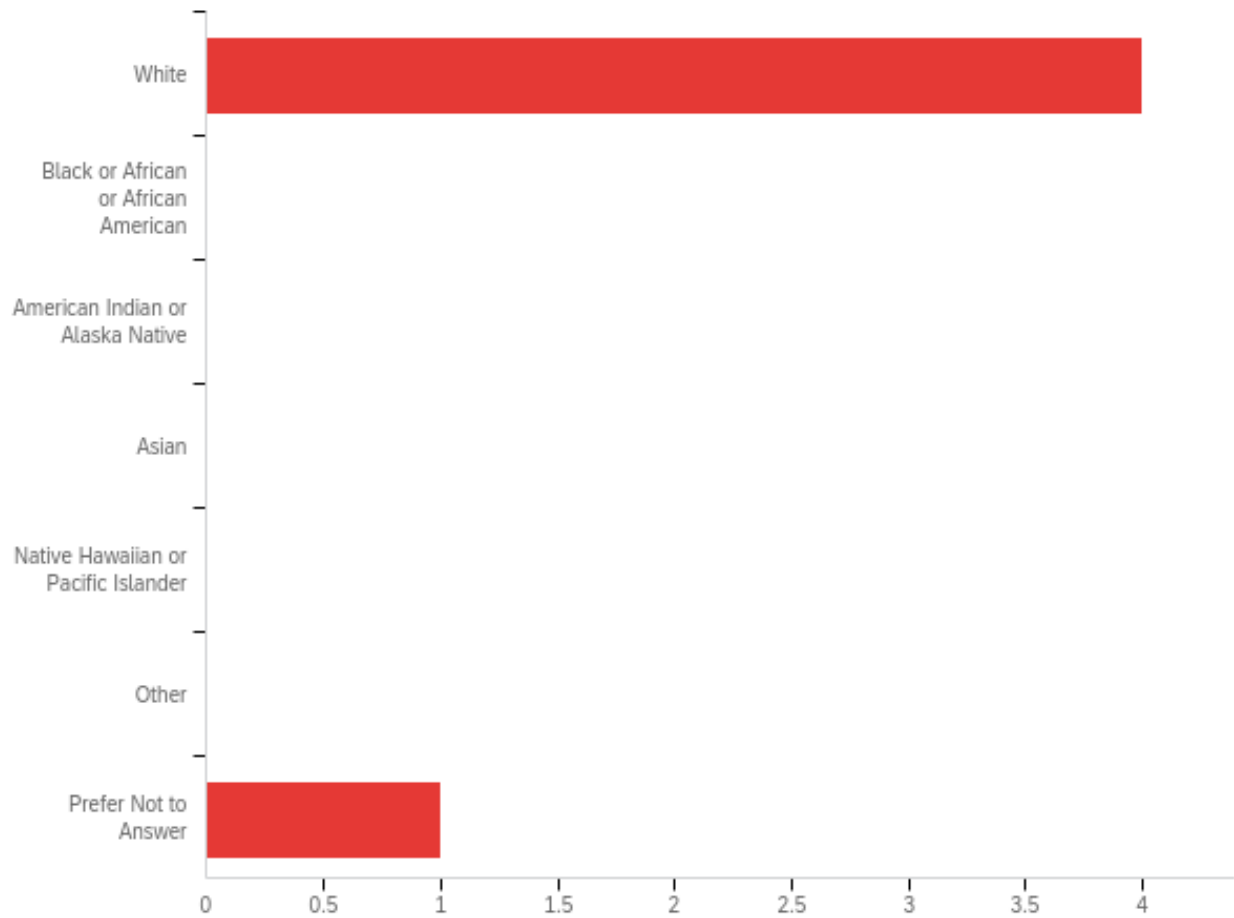
:)

Q12 - What is your gender?



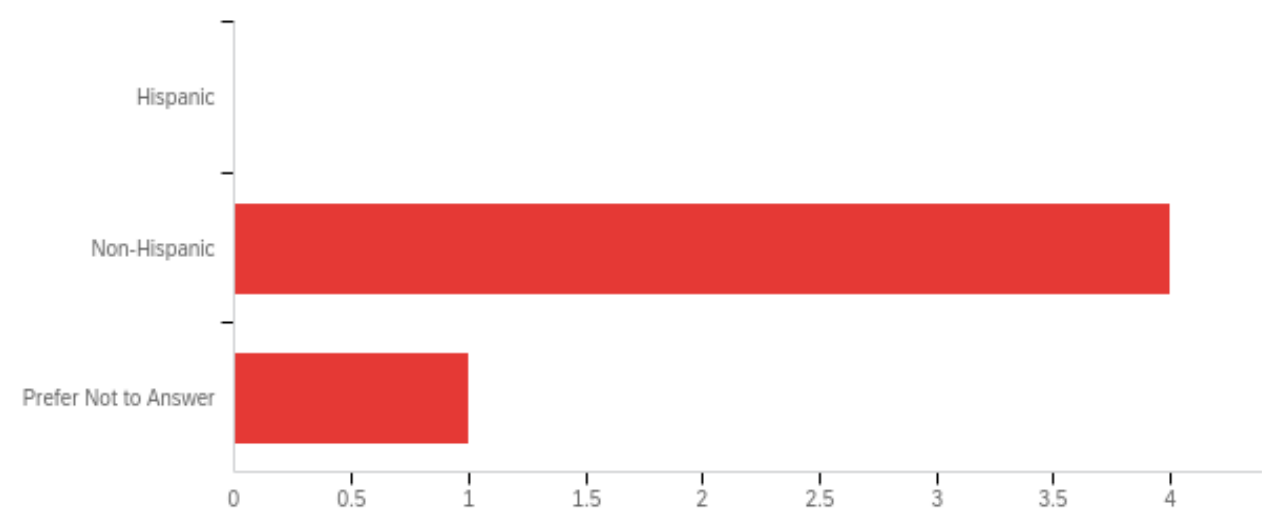
#	Answer	%	Count
1	Male	40.00%	2
2	Female	0.00%	0
3	Transgender Male	0.00%	0
4	Transgender Female	20.00%	1
5	Gender Variant/Non-Conforming	20.00%	1
6	Other	0.00%	0
8	Prefer not to answer	20.00%	1
	Total	100%	5

Q13 - What is your racial identity? (click all that apply)



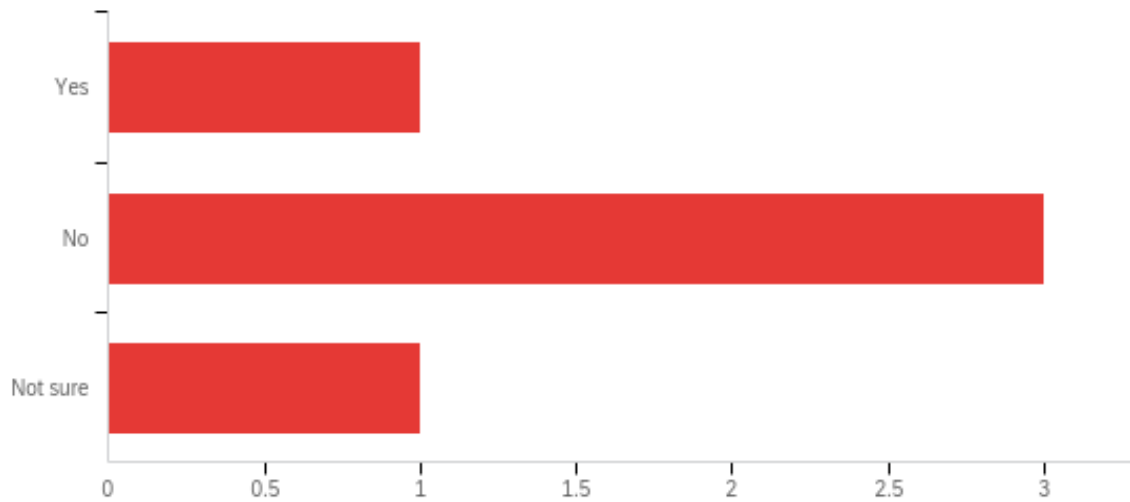
#	Answer	%	Count
1	White	80.00%	4
2	Black or African or African American	0.00%	0
3	American Indian or Alaska Native	0.00%	0
4	Asian	0.00%	0
5	Native Hawaiian or Pacific Islander	0.00%	0
7	Other	0.00%	0
8	Prefer Not to Answer	20.00%	1
	Total	100%	5

Q14 - What is your ethnicity?



#	Answer	%	Count
1	Hispanic	0.00%	0
2	Non-Hispanic	80.00%	4
3	Prefer Not to Answer	20.00%	1
	Total	100%	5

Q15 - Are you the first member in your immediate family (parents and siblings) to attend college?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Are you the first member in your immediate family (parents and siblings) to attend college?	1.00	3.00	2.00	0.63	0.40	5

#	Answer	%	Count
1	Yes	20.00%	1
2	No	60.00%	3
3	Not sure	20.00%	1
	Total	100%	5