

**San Diego State University  
Mathematics Research Experience for Undergraduates 2022  
Program Survey Summary**

Participants were asked to anonymously answer ten survey questions evaluating the program. All surveys were returned, with a question response rate of 100%. Each question was answered on a six-point scale. The overall average was 5.125, Good.

1=Terrible    2=Bad    3=Neutral    4=Positive    5=Good    6=Excellent

Ave.    Question

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|      |   |
|------|---|
| 5.75 | Please evaluate your Project Director.  |
| 5.50 | Please evaluate the social/recreational environment.                            |
| 5.42 | Please evaluate the REU program as a whole.                                     |
| 5.42 | Please evaluate the expected impact of the REU program on your career and life. |
| 5.17 | Please evaluate your specific research topic.                                   |
| 5.17 | Please evaluate the opening week.   |
| 5.08 | Please evaluate the outcome of your research.                                   |
| 4.92 | Please evaluate the overall organization of the REU program.                    |
| 4.50 | Please evaluate the SDSU campus facilities you used.                            |
| 4.33 | Please evaluate your Project Team.  |

Here are some quotes from these anonymous surveys.

- We got a lot accomplished.
- It was wonderful.
- I hope I can continue to research this in the future.
- I'm proud of the conclusions we were able to draw.
- The REU was structured well.
- This REU has given me insight into what it is like to do math research.
- This has made me much more sure I want to go to grad school.
- I really liked the other people in the program and all the group activities.
- I wish I had more time.

Participants were also asked to answer seven questions about attitudes toward the mathematical sciences. They were surveyed both at the beginning of the program and at its conclusion. All survey pairs were received, with a question response rate of 100%. Each question was on a six-point scale.

1=Strongly Disagree    2=Moderately Disagree    3=Disagree Slightly  
 4=Agree Slightly    5=Moderately Agree    6=Strongly Agree

| Change in Attitude | Question  |
|--------------------|---|
| 1.75               | I understand the nature of graduate study in mathematics. |
| 1.42               | I understand the nature of research in mathematics.       |
| 0.83               | I write technical material in mathematics well.           |
| 0.08               | I want research in mathematics to be part of my career.   |
| 0.08               | I enjoy doing mathematics.                                |
| 0.00               | I enjoy discussing mathematics with others.               |
| -0.08              | I plan to pursue (further) graduate study in mathematics. |

Note the dramatic attitude increases in several questions. The decrease in the last question reflects a small increase for two students (from 5 to 6) and a substantial decrease for one student (from 5 to 2). This is a good outcome, as all three students have gained clarity for their future plans.