

**San Diego State University  
Mathematics Research Experience for Undergraduates 2019  
Program Survey Summary**

Participants were asked to anonymously answer ten survey questions evaluating the program. Twelve of thirteen surveys were returned, and on those twelve the question response rate was 96%. Each question was answered on a six-point scale. The overall average was 5.41, Good/Excellent.

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

Ave.    Question

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5.83	Please evaluate your Project Team.
5.73	Please evaluate the social/recreational environment.
5.63	Please evaluate the REU program as a whole.
5.58	Please evaluate your Project Director.
5.55	Please evaluate the expected impact of the REU program on your career and life.
5.45	Please evaluate the overall organization of the REU program.
5.42	Please evaluate your specific research topic.
5.36	Please evaluate the outcome of your research.
5.00	Please evaluate the opening week.
4.58	Please evaluate the SDSU campus facilities you used.

Here are some quotes from these anonymous surveys.

- The REU will be instrumental in helping me make a decision about what I want to do as a career.
- Made me feel a lot more confident in my ability to do grad school.
- We accomplished a lot and I'm very proud of the achievements we reached this summer.
- The research project was really interesting.
- 10/10 would do again.
- Thank you for being so helpful and patient!
- It really forced me out of my shell in a good way.
- Couldn't have asked for a better group to work with.
- The people were great.
- I met a lot of great people that I definitely want to stay in contact with after the program ends.
- Coming from a small university I was surprised by just how much was on campus.
- The opening week was very well structured and informative.

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
1.77	I understand the nature of research in mathematics.
1.62	I understand the nature of graduate study in mathematics.
0.69	I write technical material in mathematics well.
0.46	I want research in mathematics to be part of my career.
0.31	I plan to pursue (further) graduate study in mathematics.
0.15	I enjoy discussing mathematics with others.
0.15	I enjoy doing mathematics.

Note the dramatic attitude increases in several questions, and increases in all questions (including the last one, whose responses already began at a very high level).