

**San Diego State University**  
**Mathematics Research Experience for Undergraduates 2013**  
**Program Survey Summary**

Participants were asked to anonymously answer ten survey questions evaluating the program. Each question was answered on a six-point scale. The overall average was 4.35, between Positive and Good. A better housing arrangement was found than in 2012, which led to improvement in that category. On the other hand, the students found the 2013 research topics less appealing, which led to generally lower scores.

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

Ave.   Question

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5.1	Please evaluate your Project Team.
4.56	Please evaluate the REU program as a whole.
4.56	Please evaluate the social/recreational environment.
4.56	Please evaluate the SDSU campus facilities you used.
4.5	Please evaluate your Project Director.
4.44	Please evaluate the overall organization of the REU program.
4.33	Please evaluate the expected impact of the REU program on your career and life.
4.11	Please evaluate the outcome of your research.
3.8	Please evaluate the opening week.
3.5	Please evaluate your specific research topic.

Here are some quotes from these anonymous surveys.

- It was a great experience, and I'm very thankful for it.
- Everyone was pleasant, hard working, and intelligent
- I really enjoyed spending recreational time with others in the REU
- good organization and support
- I'm glad to have spent the summer here
- I'm very glad I had this experience
- nice working environment
- San Diego is amazing
- Vadim is on top of his job

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 (excepting one student that withdrew halfway for personal reasons), 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
1.64	I understand the nature of research in mathematics.
0.82	I understand the nature of graduate study in mathematics.
0.27	I write technical material in mathematics well.
-0.09	I enjoy discussing mathematics with others.
-0.36	I enjoy doing mathematics.
-0.68	I want research in mathematics to be part of my career.
-1.05	I plan to pursue (further) graduate study in mathematics.