

STEM Summer Research PI Host Survey – Summer 2024

The findings in this report are based on the STEM Summer Research PI Host Survey conducted in Summer 2024. A total of 6 valid responses were collected from Principal Investigators (PIs) who hosted students through the program. The survey aimed to assess the effectiveness of institutional partnerships, the quality of communication, the development of student skills, and overall satisfaction with the summer research experience. Participation in the survey, including responses to open-ended questions, was entirely voluntary.

How would you rate the effectiveness of the partnership between your institution and Crafton Hills College?	#	%
Excellent	3	50.0
Good	2	33.3
Average	1	16.7
Poor	0	0.0
Very Poor	0	0.0
Total	6	100.0

How satisfied are you with the communication from our college regarding the program details and updates?	#	%
Very Satisfied	3	50.0
Satisfied	1	16.7
Neutral	1	16.7
Dissatisfied	1	16.7
Very Dissatisfied	0	0.0
Total	6	100.0

Please provide feedback on how the college's communication could be improved. (n=1)
Prior to the start of the summer term, there was not near enough communication - I felt I never confirmed that I would actually take summer students until two summer students were chosen for me.

Would you be interested in partnering with CHC next summer or for future research programs?	#	%
Yes	1	33.3
No	2	66.7
Maybe	0	0.0
Total	3	100.0

In your opinion which participation arrangement worked best for the students? (select all that apply)	#	%
Hybrid	3	42.9
Online	1	14.3
On-site (CSUSB or UCR)	3	42.9
Total	7	100.0

How would you rate the development of the students' skills over the course of the 8-week program?	#	%
Excellent	1	25.0
Good	1	25.0
Average	2	50.0
Poor	0	0.0
Very Poor	0	0.0
Total	4	100.0

In what specific areas did you observe the most significant growth in the students' skills? (Please specify and provide details) (n=2)

As is often true with first time researchers, confidence is the most important first skill they learn. [name] definitely is more confident in speaking about scientific topics now than when she first started. She has a very good understanding of the project in which she participated, and her contribution to it.

Literature comprehension skills

Were there any areas where you feel the students' skills did not develop as expected? (Please specify and provide details) (n=2)

I wish I had spent more time working directly with [name], but based on what I did see, I did not identify any particular skills that didn't develop as expected. I hope she continues to work on scientific literacy and communication, as well as developing specific science skills.

Programming/coding skills

Overall, how satisfied are you with the experience of hosting students for the STEM/MESA summer research program?	#	%
Very Satisfied	2	50.0
Satisfied	1	25.0
Neutral	1	25.0
Dissatisfied	0	0.0
Very Dissatisfied	0	0.0
Total	4	100.0

Please provide any additional comments or suggestions on how we can improve the summer program. (n=1)

Definitely suggest more integration between the programming happening at Crafton and the PIs. Particularly in terms of abstract and poster crafting, it's great to have folks working with the students at Crafton, but it really should be done as a collaboration between the student, their PI and the Crafton team.

Survey Summary – Aligned to Key Objectives

- **Partnership Effectiveness:** 83% of respondents rated the partnership between their institution and Crafton Hills College as *Excellent* or *Good*; 17% rated it as *Average*.
- **Communication Satisfaction:** 67% were *Very Satisfied* or *Satisfied* with communication from the college; 17% were *Neutral* and 17% *Dissatisfied*. One respondent suggested earlier outreach before the program start.
- **Participation Arrangement:** 42.9% of respondents preferred *Hybrid*, 42.9% preferred *On-site (CSUSB or UCR)*, and 14.3% selected *Online* as the most effective arrangement for students.
- **Student Skills Development:** 50% rated skill development as *Excellent* or *Good*, and 50% as *Average*. Respondents noted growth in confidence and literature comprehension; coding was cited as an area for improvement.
- **Overall Satisfaction:** 75% were *Very Satisfied* or *Satisfied* with the overall experience; 25% were *Neutral*. One comment emphasized the need for more collaboration on student projects.