

2019 CaRES Preceptor Evaluation Results

Summary provided by Dr. Allison Litton, edited by Dr. John Waterbor
N=29 (81% responded)

Administration of the CaRES program

<i>Strongly Agree= 5, Agree= 4, Neutral= 3, Disagree =2, Strongly Disagree=1</i>	Mean
High quality applicants to interview	4.55
Interviews were effective	4.27
CaRES allowed me to accelerate my research	4.62

	Min	Mean	Max
How many applicants did you interview?	1	3	10
How many applicants did you offer a position?	1	2	9
How many students did you mentor?	1	1	3

<i>Not a problem= 3, Minor problem= 2, Serious/frequent problem= 1</i>	Mean
Communications with CaRES faculty and staff	3
Allowing flexibility with intern hours	3
Fulfillment of Expectations	3
Overall administration of the program	3

Benefits to you as a Preceptor

<i>My intern was invaluable= 4, very helpful =3, somewhat helpful =2, not helpful =1.</i>	Mean
Conceptualizing research methods	1.90
Designing the research plan	1.55
Analyzing data	2.65
Interpreting results	2.24
Writing a final report or paper	2.41
Accelerating the overall research process	2.93

CaRES intern evaluation by Preceptor

<i>Excellent =4, Good =3, Adequate=2, Poor=1</i>	Mean
Work hours kept	3.70
Research tasks accomplished	3.68
Meeting deadlines	3.73

Preceptor interest in returning to CaRES next summer

All responding preceptors (29/29) are interested in participating in CaRES next year.

Meeting research goals set forth in mentoring contract

Yes	18	67%
Most	08	30%
No	01	04%
N.R.	02	----

End of Statistical Results

CaRES Preceptors Responses to Questions, and their Comments and Suggestions

Please describe any problems that CaRES faculty should address about running the program

Things went pretty smoothly again this summer. I had one student that didn't show up sometimes and really wasn't very productive. I wasn't sure what to do in that case, or how to avoid it in the future. I probably should have policed better, but the other student was well above average, so more than evened out. Definitely nice being able to mentor two for that reason!

CaRES needs to notify faculty the earliest time they can submit their projects. March 1st deadline is too late for anyone to get a project. Even by February, all projects are full. Please move the deadline up. Please send an email to preceptor faculty in December that projects need to be submitted before medical students are told about the CaRES program.

We learned about applicants late and then the slots were taken; but we were able to finally get someone when a slot became available at the last minute.

The main concern I had was with the website being down [for a few days] and not getting candidates for several days. This delayed our selection and I missed getting my last intern because I didn't get it completed in time for funding. It was also difficult to tell timeline of closing.

Please describe any delays with IRB approval that slowed progress

(None reported)

Problems (if any) mentoring students from Auburn, Samford, or South Alabama that would not be problematic in mentoring UAB students

I have mentored Auburn and Samford students with no problems.

There were no challenges at all. I conducted Skype interviews. [My student] was outstanding!

One of our students left early on almost every Friday to drive back to [his university]. I was unaware that this was their plan. Both students were severely lacking in general laboratory science skills. This is because they did not have degrees in Science but in other subjects. I assumed they would be competent as they are med students and both claimed to have previous research experience, but in reality they were far behind the level at which I expected them to function. Next year I will be hesitant to take students from [his university].

Intern Contributions: *In summary, most preceptors were very pleased with the efforts and achievements of their CaRES interns, but a few preceptors were dissatisfied with their interns' time commitment and productivity. A few preceptors expressed dissatisfaction about their interns who were not UAB students. In 2020 we will emphasize to faculty preceptors that they should conduct vigorous interviews in order to determine if a student applicant is indeed capable and prepared to fulfill their expectations for completing their CaRES project. – Dr. Waterbor*

Specific Intern Contributions Mentioned by Preceptors

She presented at a national meeting and is writing a manuscript that needed to be written.

Data analysis.

Good self-starting and works diligently. Able to trouble-shoot problems and self-learn new techniques.

[My intern] was integral to data collection, which consisted of conducting 120 post intervention telephone interviews to explore participant experiences and satisfaction of a home-based mentored vegetable gardening intervention.

Analyzed data and wrote paper for publication.

[My intern] diligently worked on the data analysis and preparation of a draft of the paper for the project. The paper is undergoing review and will be submitted soon for publication.

[My intern] is an exceptional student. He made great strides toward capturing data for our ancillary peripheral neuropathy in myeloma and MGUS study. [My intern] continues to work on this study.

Generated experimental data related to project and writing review article.

1) Systematically and carefully carried out chart reviews so we have a database to work with; and 2) Conducted statistical analysis that was necessary for research analysis.

Her training in epidemiological methods were exceptional. Her work provided yet another piece in the puzzle of oral and oropharyngeal cancers nationally and in AL.

We had a very productive summer with one accepted abstract that my intern will present at the 2019 APHA meeting and one published manuscript with her as first author. We are currently circulating another paper to co-authors.

Launched new branch of clinical research and potential collaboration with a different department.

Did outstanding work in the lab and on dry bench work.

[My intern] did background research on a chemotherapeutic agent, conducted pilot experiments for assay design, and then a genome-wide analysis of sensitivity and had a little bit of time for data analysis at the end. We will finish up the analysis and publish his results when there is time. He would be welcome to continue with the project if there is time. He attempted a similar study with another agent, but we ran into some unexpected difficulties working with the drug, and so focused on only [the first].

He found out that some breast cancer cells are resistant to a potential drug though he did not have prior research experience.

[My intern] was very pleasant and very willing to learn new tasks. He was a great help with collecting MRN data from Impact. He was also great at making recruitment calls and interacting with participants.

[My intern] also developed a tool to collect cost data which will be finalized and used in the RCT. Learned complex software for eLearning that she then applied to delivering health education. She also helped teach others on the research team how to use the software. She also navigated the complicated (and not widely known) issues faced when launching a research-related Facebook page. She used her experience to create a poster presented at CaRES poster day, medical student research day, and the cancer center research retreat.

[My intern] was a model CaRES participant.

Able to take on any tasks and be independent or have minimal supervision to accomplish the goal.

[My intern] conducted a systematic literature review of cost effectiveness studies for interventions similar to the one we are developing. This is very helpful for our research to understand how these studies have been done by others.

Intern really helped phenotyping data for patients and did analysis on multiple myeloma data set.

[My intern] was an outstanding intern. She was very bright, highly motivated and hard working. In addition to eagerly completing whatever was asked of her as a part of the internship, she also committed to writing her own manuscript. It is still under development, but she is working on it even after the formal internship has ended.

The project goal was to assess if stem-ness can be enhanced by mitochondrial signaling by exosomes. [My intern's] efforts were very successful. We are writing up the results as a paper.

Completed assigned tasks. Took ownership of study to problem solve issues that arose.

Intern #1 successfully cloned a fifth mutation into our target gene.

Intern # 2 successfully cloned three separate single mutations into our target gene.

[My intern] was integral to data collection, entry, and cleaning of a mailed survey aimed at examining health behaviors and psychosocial well-being among a census of metastatic cancer patients receiving care at UAB. Her attention to detail, work ethic, and positive attitude made her a pleasure to work with.

[My intern] is an excellent student. She made significant progress in characterizing myeloma patients by early age of onset. She continues to work on a related myeloma project.

VERY HELPFUL IN CONDUCTING SOME OF THE EXPERIMENTS AS A REPETITION.

Did outstanding work in the lab and on dry bench work.

Completed assigned tasks. Took ownership of study to problem solve issues that arose.

[My intern] was working on a data analysis summary. He progressed very slowly and was often not at work and didn't really account for his time. Because it was an analysis project, he could have worked on it outside the lab, and so I didn't really confront him about his effort. I spent more time with him, checking up on his progress and seeking questions to answer than I do with most students. Each time, I

was disappointed at how much he had accomplished since our last meeting. Maybe it was too much for him, but he was the third CaRES student from [his university] to work on my project (though the first to do this type of analysis), and was the only one who was not really productive or whom I felt did not give full effort or seek the proper amount of feedback and help when struggling to make progress.

The End

