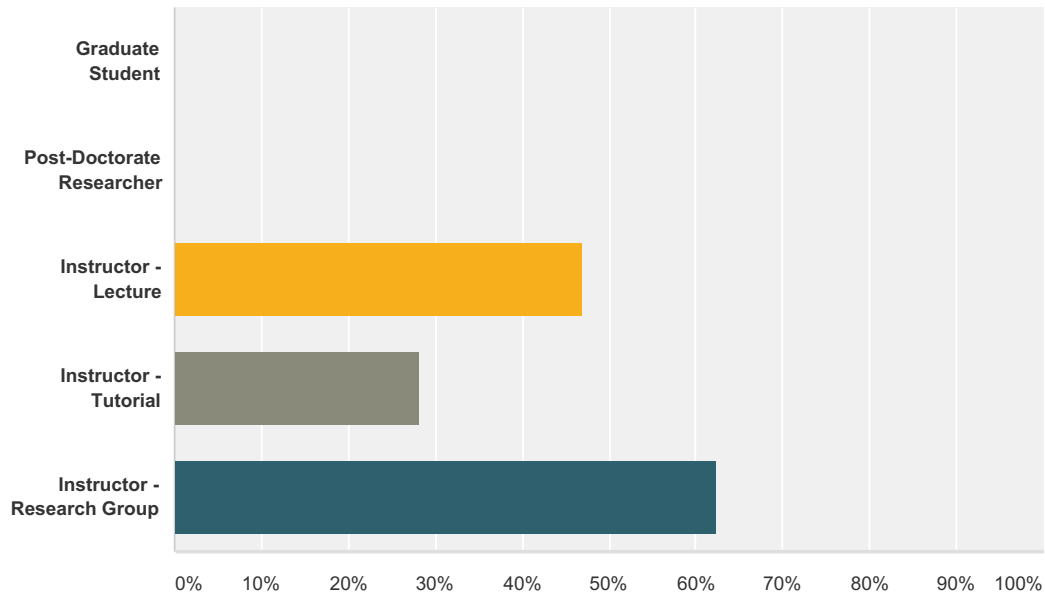


**Q3 Please indicate your role/position during the CIDER II 2016 Summer Program (Select all that apply):**

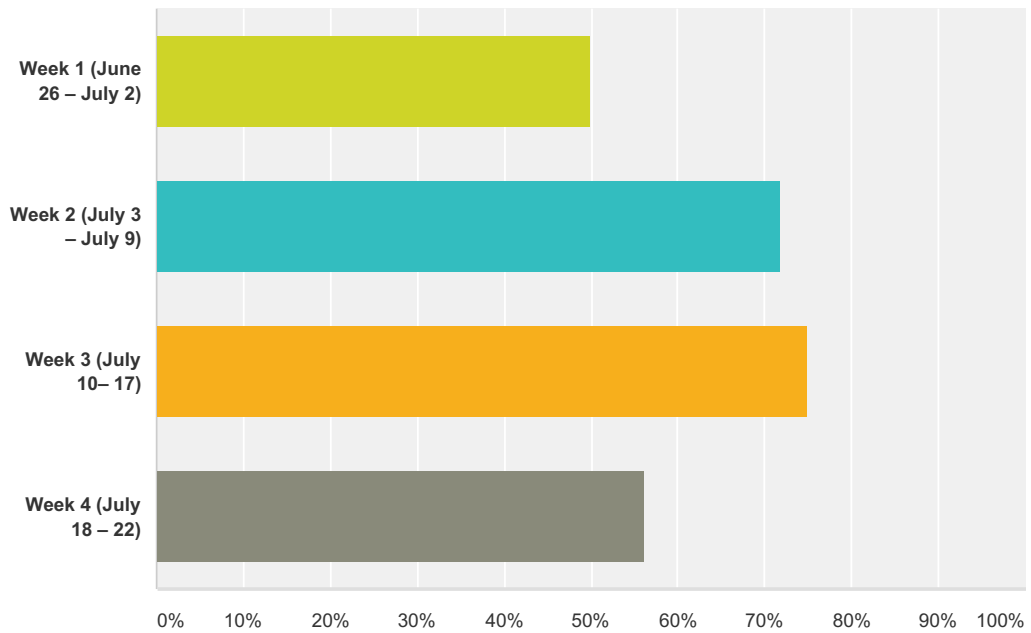
Answered: 32 Skipped: 0



Answer Choices	Responses	
Graduate Student	0.00%	0
Post-Doctorate Researcher	0.00%	0
Instructor - Lecture	46.88%	15
Instructor - Tutorial	28.13%	9
Instructor - Research Group	62.50%	20
<b>Total Respondents: 32</b>		

### Q4 Which weeks of the program did you attend the program? (Select all that apply)

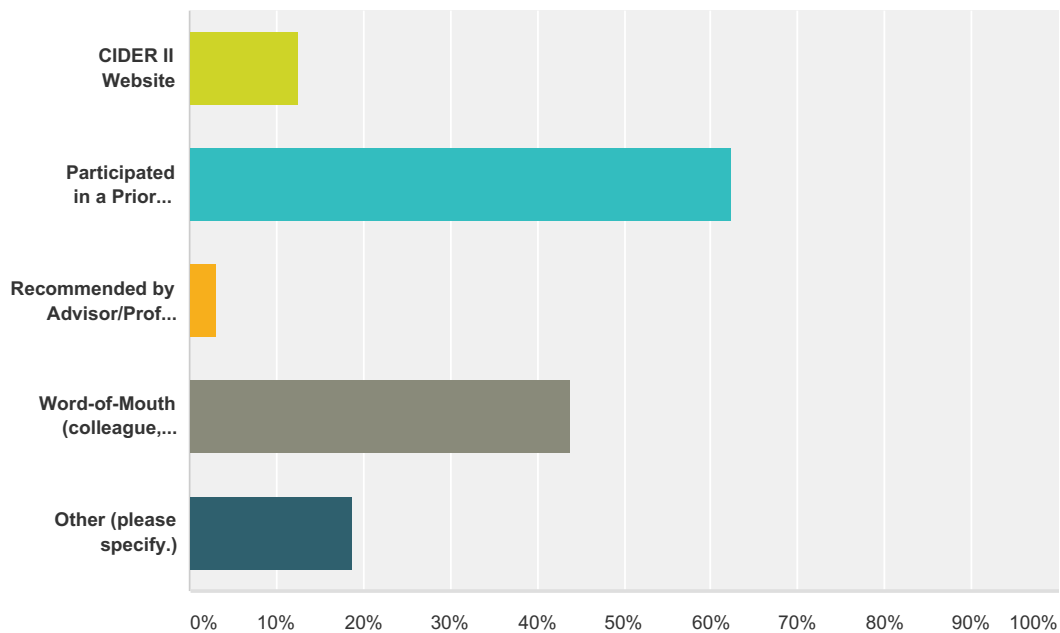
Answered: 32 Skipped: 0



Answer Choices	Responses	
Week 1 (June 26 – July 2)	50.00%	16
Week 2 (July 3 – July 9)	71.88%	23
Week 3 (July 10– 17)	75.00%	24
Week 4 (July 18 – 22)	56.25%	18
Total Respondents: 32		

## Q5 How did you hear about the CIDER II Summer Program? (Select all that apply)

Answered: 32 Skipped: 0

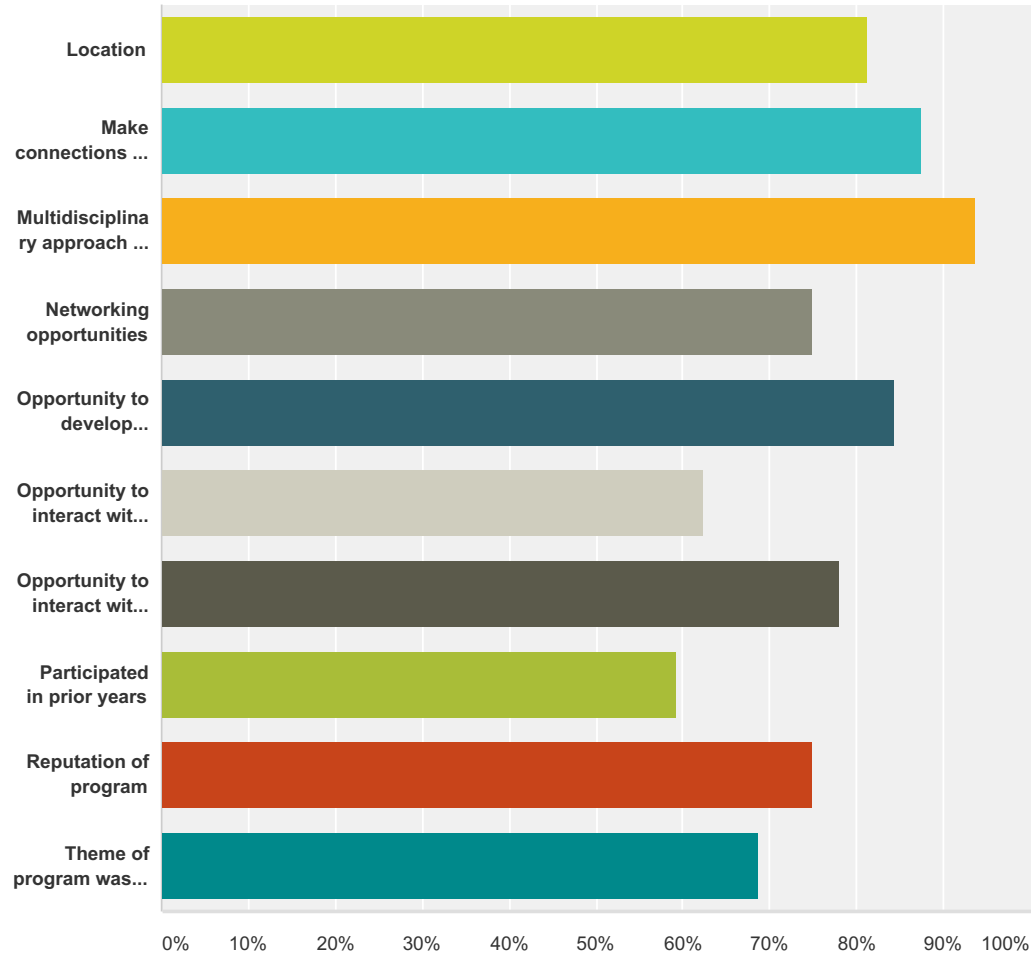


Answer Choices	Responses
CIDER II Website	12.50% 4
Participated in a Prior Institute	62.50% 20
Recommended by Advisor/Professor	3.13% 1
Word-of-Mouth (colleague, peer, etc.)	43.75% 14
Other (please specify.)	18.75% 6
Total Respondents: 32	

#	Other (please specify.)	Date
1	Asked.	7/22/2016 10:12 AM
2	Cider planning meeting AGU	7/22/2016 9:32 AM
3	invited by organiser	7/22/2016 9:10 AM
4	E-mails	7/22/2016 9:10 AM
5	community announcements	7/22/2016 7:10 AM
6	invited	7/22/2016 4:47 AM

## Q6 What factors influenced your decision to participate in the CIDER II 2016 Summer Program? (Select all that apply)

Answered: 32 Skipped: 0



Answer Choices	Responses
Location	81.25% 26
Make connections in "solid earth" community	87.50% 28
Multidisciplinary approach of program	93.75% 30
Networking opportunities	75.00% 24
Opportunity to develop collaborative relationships	84.38% 27
Opportunity to interact with faculty	62.50% 20
Opportunity to interact with students	78.13% 25
Participated in prior years	59.38% 19
Reputation of program	75.00% 24
Theme of program was interesting	68.75% 22

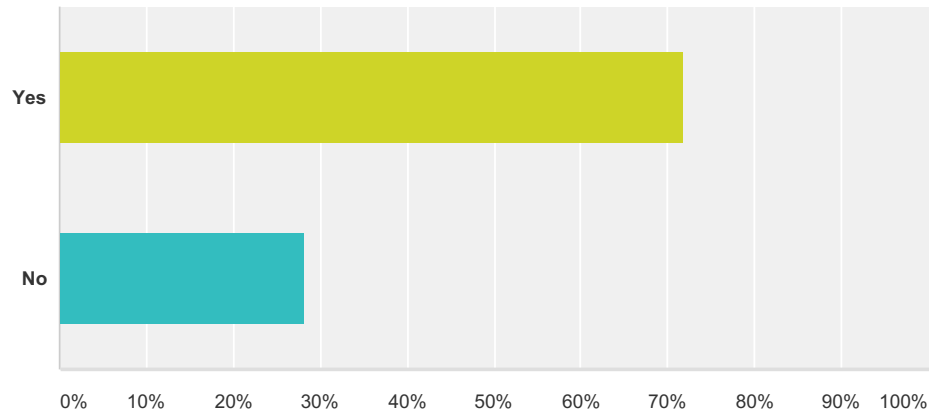
## CIDER II 2016 Summer Program Feedback Survey

Total Respondents: 32	
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#	Please share any additional factors that influenced your decision to participate in the CIDER II 2016 Summer Program.	Date
1	to learn more about solid earth geophysics to have time away from my department to concentrate on science	7/23/2016 4:33 PM
2	I have a student who also wanted to participate and make connections with other students and seek postdoctoral opportunities. This is a very valuable opportunity for him and I wanted to be able to give an informed recommendation to other students in the future.	7/22/2016 9:32 AM
3	Colleagues from my home institute that had participated in previous years were full of praise for the programme and encouraged me to attend.	7/22/2016 9:10 AM
4	Reconnect with previous collaborators.	7/22/2016 9:08 AM

Q7 Did you participate in the lecture and tutorial sessions?

Answered: 32 Skipped: 0



Answer Choices	Responses	
Yes	71.88%	23
No	28.13%	9
Total		32

**Q8 Please share your impressions regarding the content of the lectures. Include any comments regarding the balance between disciplines and the balance between background information and cutting edge research presented.**

Answered: 21 Skipped: 11

#	Responses	Date
1	good balance, generally good level of lectures achieved	7/30/2016 8:23 AM
2	Some good; some weak. Most of the topics were presented at a level too rudimentary for senior members of the audience, which made me wonder why senior members were present for this part of CIDER.	7/27/2016 4:53 PM
3	I found the level of most lectures excellent. As it is an interdisciplinary program, it is very important to insist on the background information in the tutorials, but this was generally done by the speakers. It is important to remind speakers giving tutorials to insist on the background information. The idea to have both tutorials and research lectures is a good way to balance between background information and cutting edge research presented.	7/26/2016 4:50 AM
4	The content of the lectures was highly variable--less from field to field and more from person to person. The balance between disciplines was good, but the tie between background information to research-level information was variable. I prefer when the lectures focus on broad concepts, with examples. Classic examples and current research examples are both really useful.	7/23/2016 4:50 PM
5	Content was very pedagogical, helpful in bringing every participant up to speed on a research discipline	7/23/2016 1:40 PM
6	I learned a lot through various lectures.	7/22/2016 2:33 PM
7	The lectures were great. Perhaps a bit more organization of content among the lectures would be good. Balance was good but it was not clear to me before going how much cutting edge research should be in the lectures. In the end I thought there was a nice balance.	7/22/2016 10:14 AM
8	Good balance between basic information and presentation of recent research results	7/22/2016 10:04 AM
9	Overall there was a nice balance between background information and new and interesting results. I particularly liked some the use of analog experiments in the geodynamics lectures to build intuition about fluid flow. I learned a lot about the disciplines other than my own and found the quality of those lectures to be very good. The lecturers were also very good at answering questions clearly and thoughtfully.	7/22/2016 10:04 AM
10	Excellent balance between leading edge information and instruction at an appropriate level for graduate students (and faculty from other sub-disciplines, frankly !)	7/22/2016 9:34 AM
11	Most lectures were perfect - pitched at the junior participants and suitably informative. A few were a little too focussed on an individual's personal research, but it is nice to see what field leaders are up to!	7/22/2016 9:14 AM
12	The individual lectures were good. A bit more care could be put into the order of the lectures (although I think some disordering of it was due lecturers arriving later).	7/22/2016 9:09 AM
13	I think that both the balance between disciplines and the balance between background information and cutting edge research were excellent.	7/22/2016 9:08 AM
14	They were excellent overall.	7/22/2016 9:08 AM
15	generally excellent. i liked the 90 min foirmat and i found most presenters if not all went the extra mile to make the talks informative at the right level	7/22/2016 8:47 AM
16	Overall, they were excellent - great group of speakers who gave interesting talks. Generally the balance between background information and new research results was good, although it might have been weighted slightly too heavily to the former (but maybe that impression is influenced by the fact that I'm not a student - the emphasis on background information is probably great for students).	7/22/2016 8:32 AM
17	highly variable levels of accessibility, good balance between disciplines	7/22/2016 7:13 AM
18	More coordination between background oriented and research oriented talks. They need to be separate.	7/22/2016 6:54 AM

## CIDER II 2016 Summer Program Feedback Survey

19	Excellent lectures overall. I learned a lot. Some of the lectures included too much recent research accomplishments without providing context.	7/22/2016 4:54 AM
20	great variety, could be a bit higher level	7/22/2016 2:27 AM
21	Some were excellent, some were mediocre. Hard to have predicted how effective some would be. It is very hard to pick 'core' material that is needed for all participants to have shared background.	7/21/2016 10:26 PM

**Q9 Please share your impressions regarding the organization, structure, pace, and workload of the lectures. Please include comments about opportunities for interactive discussions, lecture styles that worked well, lecture styles that didn't work well, and the balance between lectures and tutorials.**

Answered: 19 Skipped: 13

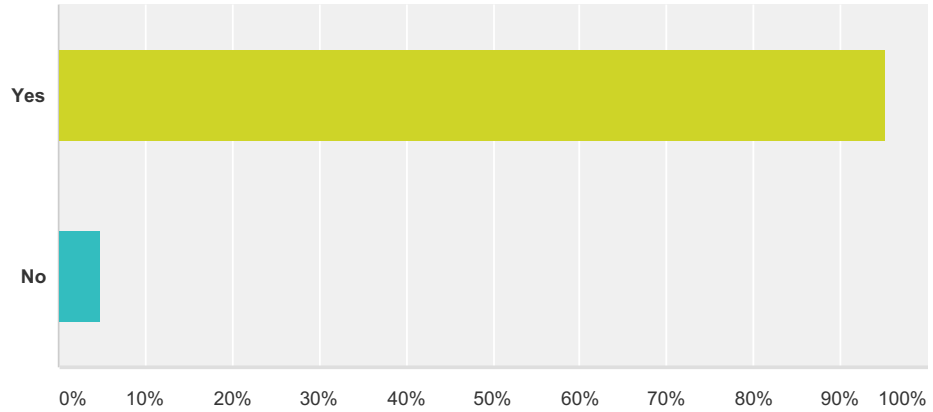
#	Responses	Date
1	I think the lectures should be a lot shorter. A 90 minute lecture is too long for anyone to remain focused.	7/30/2016 8:23 AM
2	Almost all were too long. Most of the topics were presented at a pace too slow for senior members of the audience, which made me wonder why senior members were present for this part of CIDER.	7/27/2016 4:53 PM
3	A different organisation that may work well would be to have one tutorial in the morning (instead of two) and two research lectures in the afternoon during the 4 weeks.	7/26/2016 4:50 AM
4	General comments: The lectures vary widely in content and coverage. Within each subfield, some of the lectures were superb; others were not as good. Geochemistry lectures are too fast-paced in general (for me). It is also hard for me to get the difference between big concepts and details in the geochem lectures. Mineral physics lectures missed the mark for me this time around--too many details not enough general concepts and thermodynamic tools. The geodynamics lectures were my favorite. They are so grounded in physical concepts. this helps. Seismology was variable. I prefer the talks that start with the physical fundamentals, and build on those, rather than description. I like to see current issues/current problems, but in the context of the fundamentals. I think it would be a good idea to develop a skeleton curriculum for each subfield that should be covered by the lecturers. Lecture material should be developed over time, rather than reinvented by each individual each time it is presented. I appreciate the variety of lecture styles. I appreciate that it's difficult to give lectures to this group that has such diverse backgrounds and training.	7/23/2016 4:50 PM
5	Pace is intense. Senior participants have other duties to attend, and the intense schedule creates a conflict. The organization was otherwise very efficient.	7/23/2016 1:40 PM
6	Most of the lectures are well organized and well delivered. Excellent!	7/22/2016 2:33 PM
7	The pace and structure were fine.	7/22/2016 10:14 AM
8	-organization is perfect. Interactive discussions very lively. -The 4 week program is slightly too long, and might be probably reduced to 3 weeks	7/22/2016 10:04 AM
9	Even though the lectures are long (90 minutes with question), I felt this allowed most of the instructors to slow down their pace and give people time to absorb. Only one or two people used this time to just add more and more - those lectures didn't work as well.	7/22/2016 10:04 AM
10	Long-duration (1.5 hr) talks worked well when broken into segments with discussion in between. Also most instructive were those which did not try to put in too much information.	7/22/2016 9:34 AM
11	The pace is great. Lots of interactive questions, which sometimes made us run out of time. It seemed like in the first week some of the most junior participants were a bit nervous about asking questions, but that seemed to improve as people got more familiar with the format.	7/22/2016 9:14 AM
12	Great, lots of opportunity to ask questions.	7/22/2016 9:09 AM
13	The discussion seemed somewhat less lively than in previous CIDERs. There were few questions from graduate students, with the same voices being heard repeatedly.	7/22/2016 9:08 AM
14	the mix is a good idea. ob ne thing that would improve it is for the tutorial people to provide problems to be worked on BEFORE the CIDER and then at the end of the lectures go over the solutions... some sort of small scale calculations or problems would help cement the ideas.	7/22/2016 8:47 AM
15	My impressions of the lectures were overall extremely positive. I admit that I did not really participate in the tutorials - I have found from past CIDER meetings that those are really geared more towards students.	7/22/2016 8:32 AM

## CIDER II 2016 Summer Program Feedback Survey

16	practically no workload, perhaps might be more useful to focus lectures more on specific topics related to the theme of the program than trying to cover the basics often the lectures included vibrant discussion and it would have been nicer if the pauses (while waiting for the microphones) could be eliminated tutorials were interesting but I am not sure how useful they will be	7/22/2016 7:13 AM
17	It was rather long. Prefer 45 min.	7/22/2016 6:54 AM
18	90 minutes is too long. powerpoint-only is tedious. Those lecturers who involved the audience directly were most effective. The tutorials were useful but not always building on the lecture topics.	7/22/2016 4:54 AM
19	Maybe a bit too full of agenda, could use a bit more conversation time after lunch.	7/21/2016 10:26 PM

### Q10 Were you comfortable asking questions or making comments during the lectures?

Answered: 21 Skipped: 11



Answer Choices	Responses	
Yes	95.24%	20
No	4.76%	1
<b>Total</b>		<b>21</b>

**Q11 Please explain why you were not comfortable asking questions in the lectures. Is there anything the program could do to improve this aspect?**

Answered: 0 Skipped: 32

#	Responses	Date
	There are no responses.	

## Q12 Please share your impressions regarding the content of the hands-on tutorial sessions.

Answered: 18 Skipped: 14

#	Responses	Date
1	Some were great and really well designed. Others were very tedious and I am not sure the students learned much from them.	7/30/2016 8:24 AM
2	The lectures were generally so boring that I avoided going to the tutorials.	7/27/2016 4:53 PM
3	I didn't follow most tutorials	7/26/2016 4:50 AM
4	N/A	7/23/2016 4:50 PM
5	I found that the activities had a little too much hand-holding and not enough explanations and time to test the techniques beyond the fairly rigid predefined exercises.	7/23/2016 1:42 PM
6	Tutorials provide great opportunities to learn new things.	7/22/2016 2:38 PM
7	These were nice but I am not sure how useful - at least not for me.	7/22/2016 10:15 AM
8	I only did a little part of hands-on tutorials but, usually, they have been very successful and useful for students and post-docs	7/22/2016 10:06 AM
9	I did not attend the tutorials :-(	7/22/2016 10:05 AM
10	I only saw one of these and that was because I gave it ! I think it was OK but the start was a bit slow and we made it through about 80% not 100%	7/22/2016 9:37 AM
11	The tutorials were good introduction to a number of software packages.	7/22/2016 9:17 AM
12	Overall really good, one or two could be improved. Maybe repeating more of previous years tutorials, so people can just work on improving them, would help.	7/22/2016 9:11 AM
13	Very good.	7/22/2016 9:10 AM
14	N/a	7/22/2016 8:54 AM
15	Again, I didn't participate heavily in the tutorial sessions. From my participation in past CIDER workshops, I had the impression that they are more helpful for students (appropriately!), and I appreciated having time to keep on top of my own work while I was out at CIDER.	7/22/2016 8:33 AM
16	some of the tutorials were not working, and their usefulnesses in addressing specific questions were not clear (beyond textbook examples)	7/22/2016 7:14 AM
17	could be better coordinate, a bit higher level	7/22/2016 2:27 AM
18	Some were poor; badly presented and seemingly not checked out in advance to make they would work. Some were excellent and useful.	7/21/2016 10:27 PM

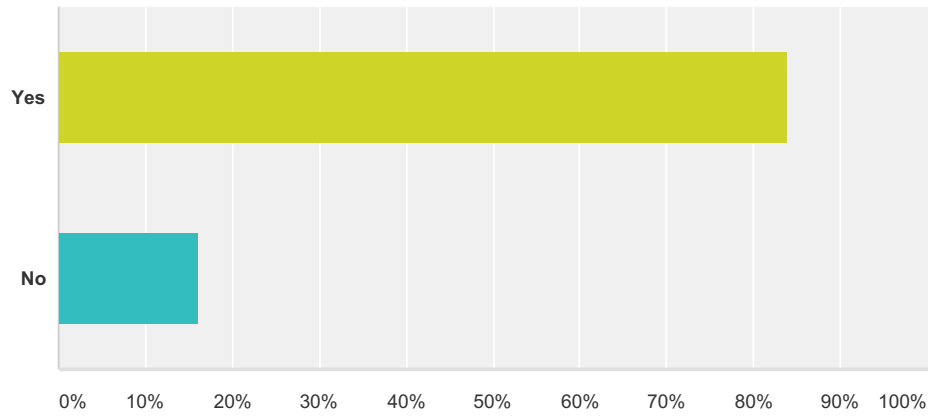
**Q13 Please share your impressions regarding the organization, pace, structure, and workload of the hands-on tutorials. Please include whether (a) the goals and expected outcomes of each tutorial were clear and (b) the tools were in place to successfully carry out the tutorial exercises.**

Answered: 13 Skipped: 19

#	Responses	Date
1	N/A	7/26/2016 4:50 AM
2	N/A	7/23/2016 4:50 PM
3	The outcomes were often unclear. Some were too ambitious, others didn't have enough activities. In summary, that's a mixed bag.	7/23/2016 1:42 PM
4	Excellent tutorials. It could be more efficient if the students can be divided into smaller groups (some did, most didn't).	7/22/2016 2:38 PM
5	See above.	7/22/2016 10:15 AM
6	I did not attend the tutorials :-(	7/22/2016 10:05 AM
7	The virtual machine is a good thing, but I think that a number of people were not as familiar with it as I expected (given they were using it more than I was). The fact that everyone has good internet connection meant that I ended up using the cloud which also worked rather well.	7/22/2016 9:37 AM
8	Most of them were achievable. I think there was a little bit of an expectation of familiarity with the command line (which I'm used to) and python (which I rarely use).	7/22/2016 9:17 AM
9	The virtual machine was great, didn't lose a tutorial trying to install things. Some of the excel sheet ones could use improvement.	7/22/2016 9:11 AM
10	The goals were not always clear, especially for the geochemistry tutorial during week 2. Some of the tutorials were excellent and worked perfectly while others seemed like they hadn't been tested and too much time was consumed troubleshooting problems that could have been avoided had the tutorial leaders practiced beforehand.	7/22/2016 9:10 AM
11	N/A	7/22/2016 8:54 AM
12	-	7/22/2016 8:33 AM
13	Bad ones were tedious and useless. Good ones were effective in establishing some core computer codes that could be drawn on for research activities.	7/21/2016 10:27 PM

## Q14 Did you participate in the Research Group activities?

Answered: 31 Skipped: 1



Answer Choices	Responses	
Yes	83.87%	26
No	16.13%	5
Total		31

**Q15 Please share your impressions regarding (a) the process of defining the research topics and (b) format of the research group activities.**

Answered: 23 Skipped: 9

#	Responses	Date
1	a) It took time but it worked quite well b) Difficult to get somewhere in few weeks, but brainstorming in a multidisciplinary environment is good for everybody.	7/26/2016 4:56 AM
2	Process to define research topics was too short. The topics need some time to evolve--i.e. a better mechanism to change topics and to kill off topics and to generate new topics. They were defined too quickly, and too solidly. The leaders said that there was to be flexibility in the topics and people; however, there was no mechanism to ensure flexibility.	7/23/2016 4:56 PM
3	a) I was not present for the definition phase of the research topics, so cannot comment on this. b) The format seemed OK. It was a little difficult for someone joining CIDER after the groups were formed to figure out how to find or communicate with a group (they weren't always meeting where they indicated they would meet. If there were some mechanism by which a senior participant could add their name to a research group list so as to begin receiving the emails, that would be helpful.	7/22/2016 5:37 PM
4	In the beginning I thought it was a bit disorganized but towards the middle I was impressed by how plans filled out. I didn't stay for the end so I don't know how it turned out. A bit more time is probably necessary to do any observational research.	7/22/2016 10:17 AM
5	I think this worked incredibly well. Not everyone gets to work on their first or preferred idea, but I think that all of the questions were quite interesting and attracted a good balance of student participants from various disciplines. The research group that I participated in discussed different ways to approach the problem and quickly settled on a work flow with individuals volunteering for pieces that they could contribute. As a senior participant, gave feedback during this process on what had been done before, what was doable, and how to narrow the scope to something that could be done in 2 weeks, with an added "to-do" list if time permitted.	7/22/2016 10:14 AM
6	The quality of research topics is unequal because the defined research topic was sometimes too ambitious.	7/22/2016 10:11 AM
7	(a) I missed that part (b) The groups appeared to have very different structure but the one in which I participated was very broad and there was a strong interaction between the senior and junior members of the group.	7/22/2016 9:46 AM
8	a) I was not involved in that part b) It went well but strayed far away from the core CIDER theme, which may or may not be a good thing.	7/22/2016 9:34 AM
9	This year I struggled to pick a group, and I think that there were a number of interesting broad topics selected. Getting going on the topic definitions more quickly would probably have helped narrow down the breadth more easily. I think the Monday holiday fell at a tricky time this year.	7/22/2016 9:25 AM
10	I arrived too late for this stage	7/22/2016 9:18 AM
11	The group discussion sessions to define group projects are tricky and I thought that the organizers did a great job leading these. The format of the research group activities - mostly unstructured time to work - was OK, but we lost too much time to the geotherm meeting. I think that another update on research group progress during the first half of week 2 might have helped the students identify which of their ideas were likely to work out and perhaps move on from others.	7/22/2016 9:16 AM
12	I was not present when the research topics were defined. My impression about the format of research group activities is extremely positive.	7/22/2016 9:15 AM
13	Always a fun process, a little chaotic in a good way.	7/22/2016 9:13 AM
14	NA	7/22/2016 9:13 AM
15	Very interesting research topics. Collaborative approach to solve them. Students learn to work together and to share knowledge.	7/22/2016 9:12 AM
16	I came at the beginning of the third week, after the groups had already formed. Not having participated in CIDER before, it took me a couple of days to figure out what was going on with the groups and how to participate.	7/22/2016 9:12 AM

## CIDER II 2016 Summer Program Feedback Survey

17	The iterative process helped the groups refine their topics over the 1st two weeks of the program.	7/22/2016 9:12 AM
18	I arrived late and groups were already defined	7/22/2016 9:12 AM
19	N/A. I was not present for the "defining" stage.	7/22/2016 9:09 AM
20	My impressions are generally very positive. Of course formulating original research questions and a plan to address them in a multidisciplinary group in just two weeks is a big task, but I think CIDER makes it work as well as it possibly can.	7/22/2016 8:35 AM
21	(a) This was chaotic. I did not get the sense that the students were well prepared to define doable projects. (b) small discussion groups (student + seniors) worked well.	7/22/2016 5:02 AM
22	could be better coordinated and would have benefited from more senior personnell engagin	7/22/2016 2:28 AM
23	It was a mix; seems that many topics are the same as naturally emerge in earlier CIDERs. The main issue is how much time it takes for students to catch up on what is known and has been done. Not sure how to make that process work better.	7/21/2016 10:30 PM

**Q16 Please share your impressions regarding the group work styles or dynamics of your research group. Include comments regarding (a) the organization within the group and (b) the level of interactive discussions and opportunities to participate in the discussions.**

Answered: 21 Skipped: 11

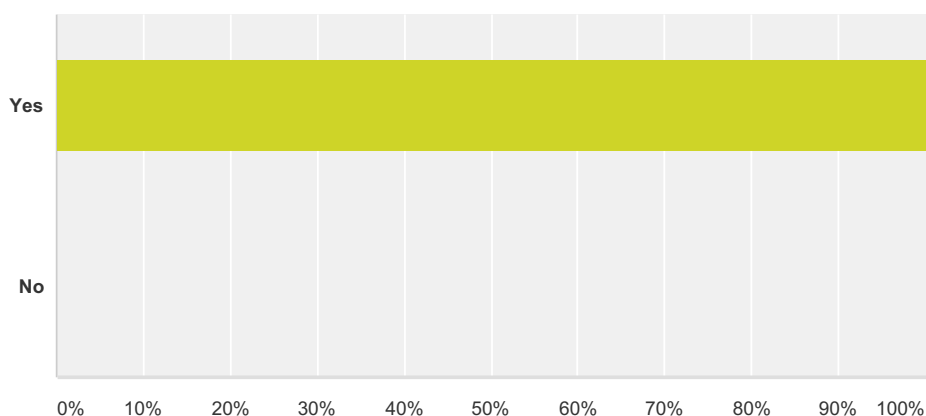
#	Responses	Date
1	It went well	7/26/2016 4:56 AM
2	My group was very small--just two students and a few seniors. All of us were also involved in other groups. I think this was a *great* way to have a group. We were working on a thermodynamic tool, and other groups could call us in for consults.	7/23/2016 4:56 PM
3	The groups work best if there are student leaders within the group who step up to the plate to keep things rolling along. I felt that the apparent leader of our group was rather disorganized and not a particularly effective leader. Another student/post-doc later on stepped up to fill this role to keep the project moving after CIDER.	7/22/2016 5:37 PM
4	Good but the more quiet students may be left behind a bit.	7/22/2016 10:17 AM
5	My group was very organized. One person took charge as the "leader" and did an excellent job at bring the iterative discussions to actionable plans. The group met and worked together all day long and discussion continued through lunch. As a senior participant I checked in with the group each morning and ate lunch with them on most days. I also invited them to stop by my office as question came up and they did this as well.	7/22/2016 10:14 AM
6	Regular meetings and to-do lists were the most important thing to keep the group moving. The discussion opportunities were easy, comfortable and open. I learned a lot just by being there.	7/22/2016 9:46 AM
7	a) The group could have communicated better and more formally during the 2 weeks of research. b) Because of the general communication breakdown it was difficult to participate fully in discussions.	7/22/2016 9:34 AM
8	Our group was fairly big, and it took while for us to find a common focus. Some of our group members were much more vocal than others, and it helped when someone in the group took more of a leading role. I would have appreciated more whole group discussions, but I think most of the group was happy with the level of interaction. I really enjoyed the large number of discussions different parts of the group had at the blackboards every day!	7/22/2016 9:25 AM
9	I arrived late so did not have one group but interacted (briefly) with multiple (~5) groups. Some groups were sufficiently small that there could be continuous interaction amongst all members - while others broke up into smaller groups to facilitate work. Some groups benefited from clear strong leadership, but maybe ones that did not have that and had to figure out what they needed to do also learnt a lot - but in a different respect.	7/22/2016 9:18 AM
10	Our group was very quiet. In part this was because only three students were in the group, but the inclination of all of the students was to focus on technical tasks or making figures rather than on formulating hypotheses or discussing ideas. One thing that I would do differently in working with these students again would be to have a laptop-free meeting at the beginning of the day where everyone is forced to explain their ideas at the board.	7/22/2016 9:16 AM
11	(a) organisation happened mainly through gentle nudges from senior participants, but for (b) everyone contributed equally to discussions	7/22/2016 9:15 AM
12	Potentially our group was too small, and it missed a couple people (students) who drove the project.	7/22/2016 9:13 AM
13	These were excellent. I like the fact that graduate students are asked to lead in terms of defining projects and initiating investigations while senior participants act as advisors. This model works particularly well when graduate students are enthusiastic.	7/22/2016 9:13 AM
14	The group I was involved in had a strong dynamics, students took the main role, tried to address a problem from different angles. They all fully participated to it. They came up with a model and had the time to build the tools to test it.	7/22/2016 9:12 AM
15	I had great discussions with the group, but these happened relatively infrequently. After the first week, most of my contact with the group was via email. I'm not sure whether there were group meetings that I didn't hear about, or what.	7/22/2016 9:12 AM

## CIDER II 2016 Summer Program Feedback Survey

16	The group met regularly, alternating with dispersing to work on different aspects of the project.	7/22/2016 9:12 AM
17	The groups were led by students and self-organised. Some with strong leadership from both student and senior participants, others more distributed. But all groups worked hard and produced either model results, or used data and produced some very interesting results. Lots of interactivity.	7/22/2016 9:12 AM
18	Impressive level of interaction between group participants and between groups.	7/22/2016 9:09 AM
19	Group work dynamics were great - I was working in a relatively small group (3 students and 4 senior participants), and I think the size was good - everyone contributed.	7/22/2016 8:35 AM
20	(a) organization was good and the student group leader took initiative to keep the momentum. (b) everybody participated well in the discussions. I am not sure that everyone listened well.	7/22/2016 5:02 AM
21	Some groups really worked well, seemingly if they had a champion who held the effort together and coordinated. Some took a while to recognize that little new could be done; that is OK, but it left some far behind.	7/21/2016 10:30 PM

### Q17 Do you have a clear understanding of your role and contribution to the project, at this point in time?

Answered: 26 Skipped: 6

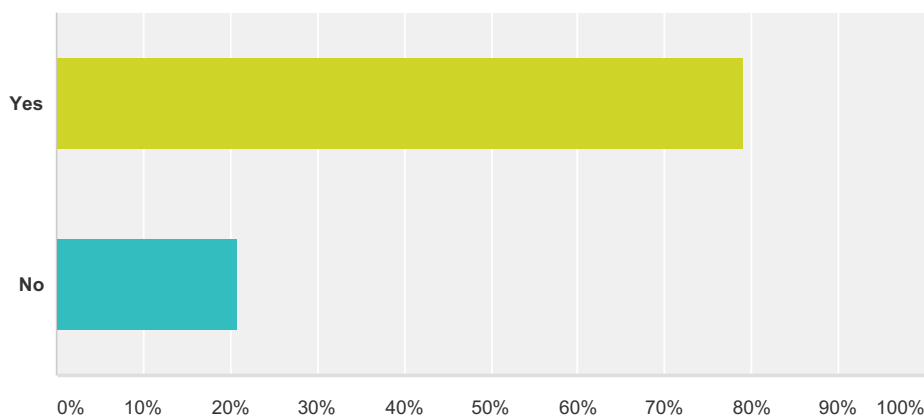


Answer Choices	Responses
Yes	100.00% 26
No	0.00% 0
<b>Total</b>	<b>26</b>

#	Please explain if you wish to.	Date
1	I provided some models and code to the students with some suggestions.	7/26/2016 4:56 AM
2	Chemical thermodynamics is hard to do, yet important for many of the CIDER projects. I really enjoyed developing my role as a chemical thermodynamics consult for multiple groups.	7/23/2016 4:56 PM
3	I helped to define the initial project and where it could go beyond CIDER. I also helped by contributing model results from my research group which became starting data for the analysis.	7/22/2016 10:14 AM
4	Once the project well defined, I understood my role as providing to students and post-docs the references	7/22/2016 10:11 AM
5	General advisor and advisor to seismological methods relevant for the project	7/22/2016 9:34 AM
6	I provided ane research aspect and input know-how. During the stay I was even able to contribute with simulations to the project.	7/22/2016 9:12 AM
7	As a senior participant, I was mostly advisory.	7/22/2016 9:12 AM
8	I helped focus the discussion to define doable tasks.	7/22/2016 5:02 AM
9	I'm not really involved in any follow-up. Just advised several groups as I could, and a lot of individual discussions.	7/21/2016 10:30 PM

## Q18 Were you able to make significant progress on your project while at CIDER II?

Answered: 24 Skipped: 8

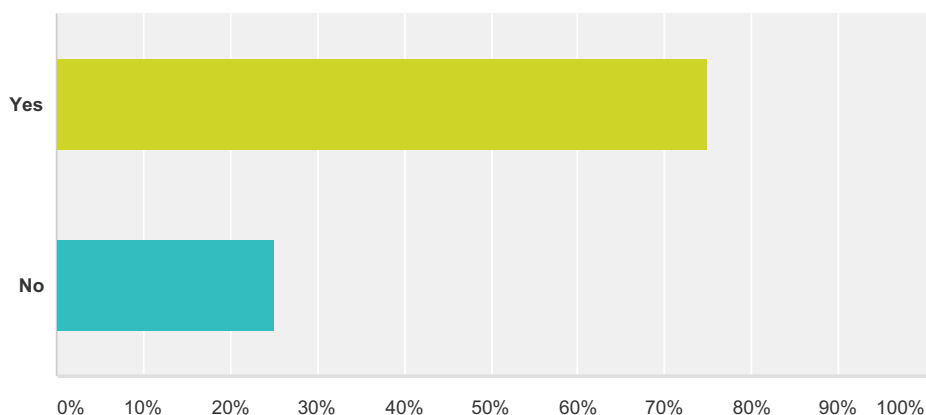


Answer Choices	Responses
Yes	79.17% 19
No	20.83% 5
<b>Total</b>	<b>24</b>

#	What do you think would help make this process smoother?	Date
1	Perhaps CIDER can tolerate a broader range of groups, with crosscutting goals. Smaller groups seem to work better. But mechanism for lots of cross talk--groups should be visiting other groups.	7/23/2016 4:56 PM
2	I think the students made incredible progress and worked together very well. The one thing I'm unclear about is how much "teaching each other the tools" went on, compared to each one contributing what they new how to do. Even if only the second occurred, there were many discussions as they figured out the steps and reached roadblocks because they weren't able to do what they initially wanted.	7/22/2016 10:14 AM
3	I arrived too late to help define the project but it would have been clearer for me had I been here all along.	7/22/2016 9:46 AM
4	I think more "new" data and observations could have been integrated into the project. It turned out to be more of a survey of existing work. That was okay for the students, but I think overall the project would have benefitted from doing new analysis or at least planning it.	7/22/2016 9:34 AM
5	I would start the research projects sooner so there was more overall between the tutorial and research parts of the program.	7/22/2016 9:25 AM
6	It all worked well and I can't think of anything that was missing.	7/22/2016 9:15 AM
7	Yes, we managed to build a model and to test it. We included various information available today in the literature and make a clear step forward.	7/22/2016 9:12 AM
8	A relative statement. Given the 9-10 days available tremendous progress, but on an absolute scientific level no. I am not sure that other than more time (starting second week of tutorials) anything could make it smoother.	7/22/2016 9:12 AM
9	I bit more time would be useful.	7/22/2016 9:09 AM
10	Students should come prepared to do interdisciplinary research. Perhaps they can (before CIDER begins) form multidisciplinary groups with overlapping PhD research themes.	7/22/2016 5:02 AM
11	N/A	7/21/2016 10:30 PM

### Q19 Given your other research commitments at your home institution, will you be able to continue working on this project?

Answered: 24 Skipped: 8



Answer Choices	Responses
Yes	75.00% 18
No	25.00% 6
<b>Total</b>	<b>24</b>

#	Please explain if you wish to.	Date
1	Not sure. I will try.	7/26/2016 4:56 AM
2	The CIDER project is well in line with my own research program. I was glad for this.	7/23/2016 4:56 PM
3	I will be able to provide feedback to the students, but cannot spend much time doing primary research -- this will have to be carried by the students/postdocs if its going to happen.	7/22/2016 5:37 PM
4	I would like to continue working on this, but won't be able to do much before AGU due to teaching commitments. However, in January I'll be on sabbatical, can I hope to continue the project.	7/22/2016 10:14 AM
5	I have a minor role and it fits with what I am also working on.	7/22/2016 9:46 AM
6	Maybe ...	7/22/2016 9:34 AM
7	I was not sufficiently embedded in any one project to become a member.	7/22/2016 9:18 AM
8	I made contributions to several groups at CIDER and I am happy to help them further as they prepare AGU abstracts and manuscripts.	7/22/2016 9:16 AM
9	The motor of the project is in the hands of the junior participants. I am certainly happy to continue contributing when help/advice is needed.	7/22/2016 9:15 AM
10	I don't think the student commitment is there for our group. I will continue a different research project with a couple of the senior participants though.	7/22/2016 9:13 AM
11	The question would be straightforward yes. Unfortunately for the group the research topic appeared in two papers that were published in Nature during our stay at CIDER, but by other groups. On one hand this proves that the chosen research topic was important and timely. On the other hand, if the group decide to pursue the investigation from a different angle I will definitely help the general effort.	7/22/2016 9:12 AM
12	My answer (yes) may be more hopeful than realistic. Time and distance may make it difficult to continue.	7/22/2016 9:12 AM

## CIDER II 2016 Summer Program Feedback Survey

13	I will make a point of continuing to interact and collaborate with the students in the two groups I participated in.	7/22/2016 9:12 AM
14	Yes, in a somewhat limited, advisory capacity...	7/22/2016 8:35 AM

**Q20 Please share your impressions on the connections and network opportunities with graduate students/postdocs/faculty. Please discuss the connections that you made at CIDER II, and those that you plan to follow up with in the future.**

Answered: 27 Skipped: 5

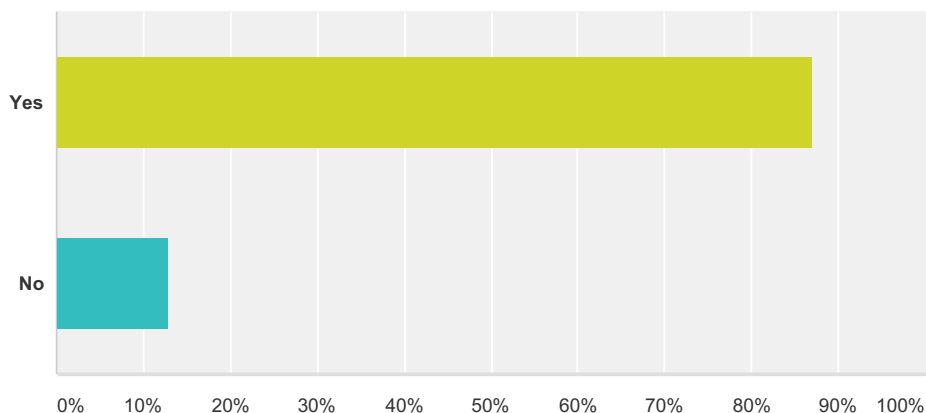
#	Responses	Date
1	It's good to be cooped up with a bunch of people for a while to make contacts. The large number of families present made it difficult to interact with some of the senior members.	7/27/2016 4:56 PM
2	It's more a question of meeting people and discussing with other scientists that I already known. The best output was probably sharing experience on some aspects of my research. Sharing a flat with an other scientist from a different discipline was very nice.	7/26/2016 4:59 AM
3	I developed my relationships with people I had known previously, and met many new people. I (as a senior person) especially appreciated the opportunity to get to know the student participants. I made an explicit effort to try to sit down with every single person and get to know them. Enriching for me. And I hope for students as well.	7/23/2016 5:01 PM
4	CIDER is an amazing opportunity to get to know students and postdocs active in other institution and identify who would be great collaborators or colleagues.	7/23/2016 1:44 PM
5	I got to meet new faculty whose work I was somewhat familiar with but had not previously had the chance to know well. I met quite a few young scientists (students and postdocs) who are destined to become the faculty of the future.	7/23/2016 6:52 AM
6	CIDER provided a great opportunity to meet with colleagues with whom I usually do not see in conferences.	7/22/2016 2:40 PM
7	This was fantastic! I was able to meet several faculty and have extended discussion (2-3 hours) in which we could ask each other many questions about each other's research. I have plans to visit one of these people at their home institution sometime next year. With other faculty we are now collaborating on a paper - this would not have happened if we did not meet and talk here at CIDER. I have also met and had very good discussion with lots of graduate students and postdocs. With several of these, we have discussed how we will follow each other's research and share results in the future.	7/22/2016 10:19 AM
8	Mostly I benefited from conversations with other faculty and feel it helped me with some research ideas. The students/postdocs were great but that was more just nice to meet them.	7/22/2016 10:19 AM
9	excellent connections with students and other lecturers. The multidisciplinary approach has been very efficient for my own research.	7/22/2016 10:12 AM
10	The field has grown significantly in the number of people (cf AGU !) and the breadth. Meetings like CIDER are vital. The networking opportunities that once organically happened at conferences no longer are possible. A research-focused collection of conversations taking place over a week or two is really valuable.	7/22/2016 9:51 AM
11	As I was not part of the tutorial part of CIDER it was difficult to engage with the students. I think this went both ways ... they do not know me or my expertise and I didn't get to teach them and find out their interests other than in the research group.	7/22/2016 9:37 AM
12	I made a number of good connections, with both faculty and junior participants. I can see following up with at least one faculty and at least one junior participant to talk more about possible research.	7/22/2016 9:28 AM
13	I met a lot of students, post-docs and faculty. I will follow up interactions on the following last two weeks with faculty that remain. I	7/22/2016 9:22 AM
14	The CIDER environment was extremely nurturing for building new connections and collaborations. I made new contacts at all levels -- students, postdocs and senior faculty. It also enabled me to deepen existing connections.	7/22/2016 9:18 AM
15	There were so many talented students and postdocs here, and it was great to be able to interact with some of them, as well as to connect and reconnect with senior participants. Also during the first week I was able to make plans for a major new collaboration - that alone made the visit very worthwhile.	7/22/2016 9:17 AM

## CIDER II 2016 Summer Program Feedback Survey

16	Reconnected with some old collaborators to start and continue work. Started one new research collaboration with two of the senior participants. Got one student involved in an ongoing CIDER project from previous years. Met a lot of new students and postdocs.	7/22/2016 9:16 AM
17	Just like in my previous stays at KITP in the CIDER programs, one of the main reasons to be here is to forge new collaborations, and to strengthen pre-existent ones. It worked perfectly well!	7/22/2016 9:15 AM
18	These are excellent. Lots of more and less formal opportunities for interacting with a wide cross-section of junior and senior participants, including lunches and dinners, daily coffee, research group meetings, and research talks.	7/22/2016 9:14 AM
19	I met new grad students and postdocs and learned about their work.	7/22/2016 9:13 AM
20	Excellent place to recruit postdocs and to initiate new collaborations. Social environment excellent for informal scientific discussions.	7/22/2016 9:12 AM
21	Although a "senior" level participant, the program gives me a tremendous opportunity to meeting new contacts who I would be very unlikely to meet and interact with outside of CIDER.	7/22/2016 9:11 AM
22	i met many students informally over caoffee and lunch...	7/22/2016 8:57 AM
23	Excellent! the informal opportunities to interact at group dinners and barbecues really makes this happen well, although there is a tendency for the students and faculty to self-segregate a bit (this is usually true in other venues as well).	7/22/2016 8:36 AM
24	there were plenty of opportunities to make connections	7/22/2016 7:15 AM
25	I will look up many of the students I talked to at their AGU posters. Most of the faculty I already knew.	7/22/2016 5:04 AM
26	This was very good due to large number of senior participants and many occasions to talk at lunch, bar-b-que, and coffee. Would be nice to have an evening get together place for students and seniors to mix; but that may be overkill.	7/21/2016 10:31 PM
27	There are very few times in ones career when access to such a large and diverse community is so readily available. It is quite wonderful.	7/21/2016 9:41 PM

## Q21 Did the connections you made in the CIDER II summer program help you in generating new ideas for research?

Answered: 31 Skipped: 1

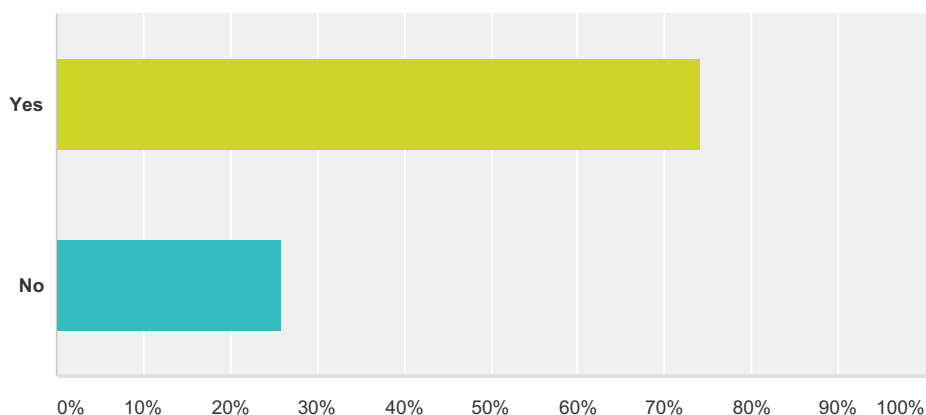


Answer Choices	Responses
Yes	87.10% 27
No	12.90% 4
<b>Total</b>	<b>31</b>

#	Please explain is you wish to.	Date
1	Not new specific ideas for research. But definitely I learn a lot from seeing other people's approaches, and what works and what doesn't.	7/23/2016 5:01 PM
2	The intense schedule of the lecture/tutorial section made it difficult to have in-depth research conversations	7/23/2016 1:44 PM
3	YES!! This is one of the selfish reasons for coming to CIDER, I new that being immersed in this research focused environment with people with so many different expertise and experiences from me that it would get the "juices flowing" so to speak. I have many new ideas and have had time to consider which previous ideas are most important to pursue and how to better pursue those questions.	7/22/2016 10:19 AM
4	It put my own ongoing research into a wider context, and I started working on a new research idea with two other participants.	7/22/2016 9:16 AM
5	I managed to clarify a pre-existing collaboration with geochemist colleagues. We now have a clear plan of things that need to be done, and things that are not worthy of doing. We have already started working on two papers based on these discussions.	7/22/2016 9:15 AM
6	It is difficult not to generate new ideas with the diversity of expertise present at the program.	7/22/2016 9:11 AM
7	gave me a chance to read up on topics i have not the time to study otherwise. plus it was great to be able to ask experts and get the skinny on things...would have taken hrs of reserach to get the latest	7/22/2016 8:57 AM
8	Yes - I've already formulated new research progress with two different people I interacted with at CIDER.	7/22/2016 8:36 AM
9	Listening to some of the senior speakers gave me ideas for new work.	7/22/2016 5:04 AM

## Q22 Do you plan on pursuing new areas of research or going in some different directions in your research as a result of your participation in the CIDER II Summer Program?

Answered: 31 Skipped: 1



Answer Choices	Responses
Yes	74.19% 23
No	25.81% 8
<b>Total</b>	<b>31</b>

#	Please explain if you wish to.	Date
1	Perhaps. Most of what I heard in subjects related to my expertise is not new. What was new to me was generally so far out of my expertise that I am unlikely to take action.	7/27/2016 4:56 PM
2	Not new areas, but definitely I have new ideas for how to contextualize my research for those in my community who are not in my subfield. I learned a lot about what works for me and what doesn't work in terms of presenting my results for those outside my subfield.	7/23/2016 5:01 PM
3	Integration of geophysics, mineral physics and petrology & geochemistry related to understanding cratonic keels.	7/23/2016 6:52 AM
4	yes, it seems that I'll be doing so work related to LLSVPS, while all my previous work has been on the upper mantle.	7/22/2016 10:19 AM
5	Well, maybe ... but I might be able to explore some of my broader ideas with new collaborators.	7/22/2016 9:51 AM
6	I had some of the ideas already, but now I have motivation to follow up since they are of wide interest.	7/22/2016 9:37 AM
7	Not explicitly - but lots of the ideas that will contribute to my view of the field have developed during CIDER II, this underlies my research plans.	7/22/2016 9:22 AM
8	Yes, starting working with normal modes! And working on the core!	7/22/2016 9:16 AM
9	Yes, this entire collaboration with the geochemist colleagues is to open new areas of research. Tie is ripe to move into this new direction and the participation to this program came at the very best moment.	7/22/2016 9:15 AM
10	i think that there is enuf stuff to build a melt model to predict the composition of CMB melts given a bulk composition ... at least in the system FeO MgO SiO2... and i think based on my prep and on what i heard i have a way to do this that will advance things... so i will take the next year and do this...	7/22/2016 8:57 AM

# CIDER II 2016 Summer Program Feedback Survey

## Q23 Please share your impressions regarding the logistics of the CIDER II Summer Program, including (a) location, (b) venue, (c) housing and food, and (d) the schedule.

Answered: 29 Skipped: 3

#	Responses	Date
1	(a), (b), (c) were great. The schedule was much too long/slow. A few 1.5 hr long talks--especially the 50% that were not well delivered or were too boring--made for some very dull days.	7/27/2016 4:59 PM
2	a) Very nice, it would better if the flats were closer rom KITP. b) Information was not often very clear. It's important to inform people that the university shuttle can pick them up at Goleta or Santa Barbara airport outside the front desk opening hours. c) Nice d) Ok	7/26/2016 5:05 AM
3	Perfect. Just perfect. Schedule the first two weeks was very intense, but that was good.	7/23/2016 5:04 PM
4	The venue is fantastic. Housing and food more than adequate, and the beautiful environment of UCSB a strong motivation to attend CIDER. Summer is always a busy time, and I might have prefer the program to start a little earlier. I know there is no magic solution to the schedule, though.	7/23/2016 1:46 PM
5	The logistics worked well. Venue is spectacular. Schedule relaxed, allowing for significant interaction.	7/23/2016 6:53 AM
6	Everything was excellent, and I found that my time spent at CIDER is very productive. I would come back without any hesitation.	7/22/2016 2:44 PM
7	The way things are set up here in Santa Barbara make it very easy. I came alone with my 3 children and I found it incredibly easy to participate during the day and with the social gatherings in the evening twice a week. She housing at Santa Ynez made is very easy for participants with family to interact socially on the other evenings and on the weekends. I don't know how I can emphasize how important this is for the support of diversity in our discipline. Being able to participate with my family here is not only a huge benefit for me and my research, but is also shows all of the women graduate students and postdocs that they too can achieve a balance between a successful career and having a family.	7/22/2016 10:24 AM
8	Everything was great.	7/22/2016 10:21 AM
9	(a) Location is fantastic (terrific, the best location of any program anywhere at any time) (b) KITP has been really welcoming and everything works really smoothly. (c) We opted out of housing for complicated family reasons but the food is fine. (d) The "unstructured" program worked really well with time to discuss but lots of research-talks and presentations to keep bringing people together.	7/22/2016 9:55 AM
10	a) Outstanding facilities and location! b) Outstanding! KITP is a wonderful place. c) Very very good! d) Very well organized and I like the Saturday morning sessions. I think they should continue during the research weeks to motivate people to organize and work during the weekend.	7/22/2016 9:43 AM
11	Logistics were great. The best thing is the location, it means that everyone spends time together outside of the formal program. KITP is a good location for us, and I appreciate the use of an office. Food and housing worked well for me. I think the schedule might be better if there was less of a divide between tutorial and research parts. Also, I wonder if having the research talks at the beginning of the day instead of at the end might be a good way to get the day started?	7/22/2016 9:33 AM
12	The location is excellent as is the venue. The Santa Ynez housing location is very pleasant - if a slightly long walk (there are possibilities to take a bus, share a ride, cycle - and the walk is pleasant). The food has also been excellent. The schedule has been good.	7/22/2016 9:26 AM
13	Logistics were wonderful and I acknowledge the hard work of the organisers to make everything run so smoothly. As a foreign participant I had to pay my own travel, but I am fortunate to have access to adequate funds for this.	7/22/2016 9:22 AM
14	No complaints. Excellent location, excellent venue. Housing and food are beyond expectations. Schedule is appropriate.	7/22/2016 9:21 AM
15	a) UCSB is a great location b) KITP works very well c) food was good, housing was generally fine except that the apartment was not cleaned prior to our arrival (had dirty bedsheets on the beds, etc.). This was pretty upsetting to some members of my family and made the start a bit rocky... d) really an excellent program. I loved it.	7/22/2016 9:21 AM

## CIDER II 2016 Summer Program Feedback Survey

16	a) Excellent b) Excellent, I love KITP c) Excellent. It would be wonderful to include some kind of coffee making device in the senior participant kitchen supplies! The cafeteria food is great. d) Excellent.	7/22/2016 9:18 AM
17	Perfect. Dietary restrictions are well taken care off.	7/22/2016 9:17 AM
18	My first time staying on campus. The Santa Ynez facility is fine. The walk to and from KITP is a joy. On-campus lunch at the dining hall is fine. I like the mix of unstructured time and regular structured meetings.	7/22/2016 9:16 AM
19	Beautiful location and facilities. Lots of opportunity for interaction. The schedule is intense but keeps everyone going in the same direction.	7/22/2016 9:14 AM
20	All three aspects of program are great. Housing for senior participants is very nice. Santa Ynez this year was very clean and in great shape. Food for lunch is standard university fare. It is fine. Additional dinner opportunities, e.g., BBQs and group dinner were great opportunities to meet with colleagues and their families.	7/22/2016 9:13 AM
21	Could not be better. KITP and UCSB campus cannot be beat, especially if you come with family.	7/22/2016 9:13 AM
22	i am home grown... but i can say the lunch food selection was great i gained 5 lbs!!	7/22/2016 8:58 AM
23	Location was amazing, venue was terrific, housing and food were great, and schedule was well managed. No complaints or suggestions.	7/22/2016 8:37 AM
24	the logistics worked out very well. On the other hand, the long time commitment makes it difficult to attend.	7/22/2016 7:16 AM
25	All lecture two week was difficult. Would have been nice to distribute the talks over three or even four weeks.	7/22/2016 6:57 AM
26	(a) very nice; (b) excellent, (c) my original apartment had a dirty fridge but the staff corrected the problem immediately; food was good (d) a bit too packed during the time I was there.	7/22/2016 5:07 AM
27	great program	7/22/2016 2:28 AM
28	(a) location was very good; (b) venue was excellent, (c) housing and food were excellent, (d) schedule was a bit grueling, but I like the long format for background lectures. Might have been nice to have some shorter research talks as many senior folks did not present.	7/21/2016 10:36 PM
29	All great.	7/21/2016 9:42 PM

# CIDER II 2016 Summer Program Feedback Survey

## Q24 Please share any comments/feedback you have regarding the overall quality of the CIDER II Summer Program.

Answered: 24 Skipped: 8

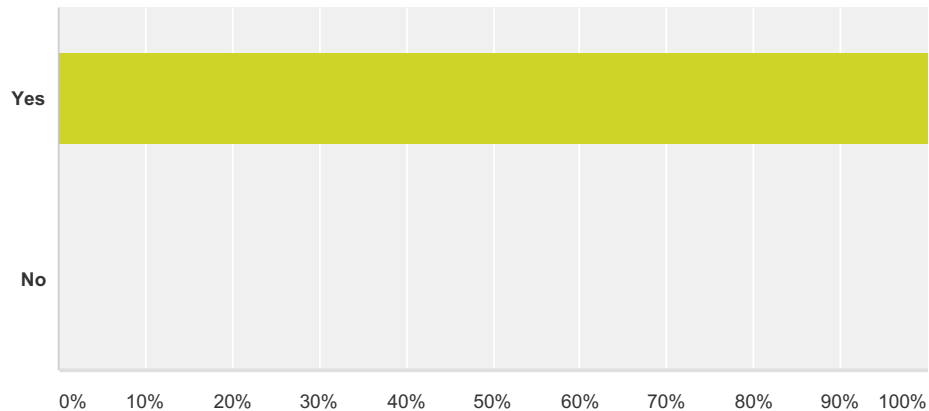
#	Responses	Date
1	Quality among the speakers ranged from inspiring to insipid, like a normal meeting. When a bad talk is 90 minutes long though and it is impossible to leave the room to do something useful, then the situation becomes grim. This is bad aspect of CIDER compared to normal meetings.	7/27/2016 4:59 PM
2	Very nice program in general.	7/26/2016 5:05 AM
3	Students were an amazing group of people. Seniors too. Some great talent all around.	7/23/2016 5:04 PM
4	CIDER is always a high quality program and this year is no exception.	7/23/2016 1:46 PM
5	Excellent program. Hope it continues into the future.	7/23/2016 6:53 AM
6	CIDER is a truly exceptional program. I only wish that the scientific program would include more crustal and upper mantle processes.	7/22/2016 2:44 PM
7	Absolutely wonderful. The lectures, the research talks, the long format over weeks that allow strong connections to build up. I am coming away energized with many ideas and plans for research, and with a much broader understanding the Earth.	7/22/2016 10:24 AM
8	I think it was overall high quality. The focus was sometimes skewed to the group participating rather than an inclusive over view of all research and issues in deep earth science but I don't know if anything could be done better given the short time frame.	7/22/2016 10:21 AM
9	It would be good to get some of the logistics info out earlier so that we can iterate on when we want to be at the program and juggle the other commitments	7/22/2016 9:55 AM
10	Fantastic way to learn and collaborate with a wide-range of deep Earth scientists at various levels of their career. People are very generous with their time and ideas, which is a refreshing way to work.	7/22/2016 9:43 AM
11	I think this summer's program was great!	7/22/2016 9:33 AM
12	It is my first time, and I was only able to attend the last week (though I will attend the next 2 weeks) - but I thoroughly enjoyed the Program. I think it is unique and succeeds.	7/22/2016 9:26 AM
13	Outstanding -- the best programme that I have ever been a part of.	7/22/2016 9:22 AM
14	I think the program is an extraordinary opportunity for students, postdocs and young scientists. The first time I attended I was a young researcher. Though I gave a tutorial I have learned enormously, as I had just moved into the community from a different field. Today, as more senior, I took full advantage of the connections I forged over the years. The possibility of deep discussions about so many aspects of research without constraints of time (which you would normally have in a regular conference) is a very strong point of the program, and one reason to keep participating to it.	7/22/2016 9:21 AM
15	I was very impressed with what the students and postdocs were able to do in a short period of time.	7/22/2016 9:21 AM
16	It was a fantastic experience yet again. I'm humbled to take part in this. I honestly would not be sure if I would still be academia if it wasn't for CIDER.	7/22/2016 9:17 AM
17	Excellent, as always.	7/22/2016 9:14 AM
18	Having not participated in the tutorial I could not judge that part, and I was at first a little disappointed with the groups and questions, but by the end I was extremely impressed! It was EXCELLENT.	7/22/2016 9:13 AM
19	i think its a good thing; i think getting even more YOUNG people into it is a good idea.	7/22/2016 8:58 AM
20	Top-notch as usual!	7/22/2016 8:37 AM
21	a wonderful opportunity for graduate students and postdocs	7/22/2016 7:16 AM
22	lectures great; research program sub-mediocre.	7/22/2016 5:07 AM

## CIDER II 2016 Summer Program Feedback Survey

23	It was very successful I think. The research projects have always been a mix of projects that just acquaint students with topics/issues, reviews and summaries of interdisciplinary data bases, and the occasional novel and interesting activity. I think the projects are not the point; it is getting the exposure to interdisciplinary topics and tool boxes and meeting people, so I am not too bothered by the mix of project results. The lectures were sometimes excellent, sometimes weak. I think CIDER should make more use of previously filmed good talks and have students preview a specific selection of say 10 talks prior to attending, so that they have more preparation for talks, which can then be made more useful.	7/21/2016 10:36 PM
24	wonderful.	7/21/2016 9:42 PM

## Q25 Would you recommend CIDER II to other graduate students and post-doctorates?

Answered: 30 Skipped: 2



Answer Choices	Responses
Yes	100.00% 30
No	0.00% 0
<b>Total</b>	<b>30</b>

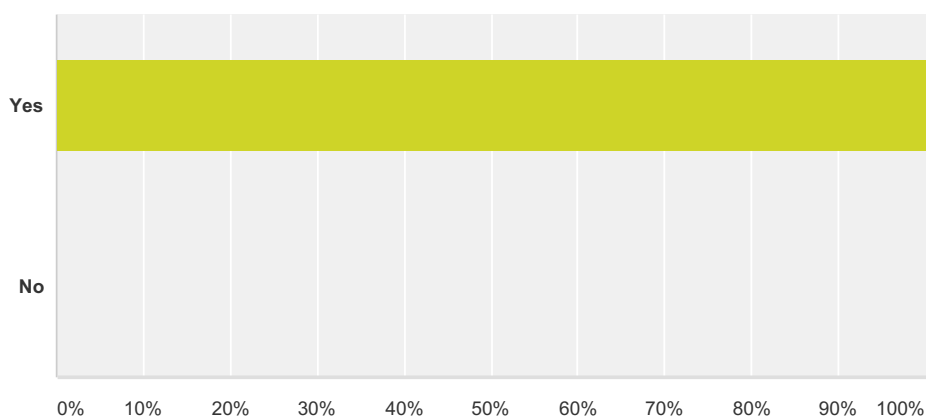
#	Please explain.	Date
1	Maybe. The student would have to have 6 weeks to "spare" and this would have to be the best use of that time. For this particular CIDER, if the student is working on the deep mantle, I would recommend; if not, no.	7/27/2016 5:05 PM
2	Very nice opportunity to meet the community and to learn from other disciplines.	7/26/2016 5:07 AM
3	Without hesitation for senior level grad students. Postdocs too.	7/23/2016 5:09 PM
4	I always encourage my post-candidacy students and postdocs to attend CIDER.	7/23/2016 1:48 PM
5	I think it can be a transformational experience for senior graduate students and post-docs.	7/23/2016 6:56 AM
6	I would recommend my own students and postdocs to attend CIDER II if upper mantle and crustal processes are part of the research focus.	7/22/2016 3:41 PM
7	Its a fantastic opportunity.	7/22/2016 10:28 AM
8	excellent overview of research basics and hot topics.	7/22/2016 10:14 AM
9	From a non-US perspective, it's fantastic to have early career researchers able to meet so many new people and see the quality and scope of the field.	7/22/2016 9:59 AM
10	I have recommended the program to a number of people and will continue to do so. The learning and networking opportunities are un-rivalled.	7/22/2016 9:53 AM
11	Yes, absolutely! My students participate regularly to the program. Even coming from overseas I am always ready to support them financially to participate to the program. It is a rare learning opportunity that comes at the right moment in the life of a graduate student.	7/22/2016 9:28 AM
12	The only caveat is that foreign participants need to have financial resources to pay their travel. However I would be willing to pay from my own research grants if any of my students were interested to attend.	7/22/2016 9:26 AM
13	Yes, I always do. Although I would not like to see it get much bigger.	7/22/2016 9:20 AM
14	I have had my grad students and post-docs participate in the past and will encourage them to do so in the future.	7/22/2016 9:18 AM

## CIDER II 2016 Summer Program Feedback Survey

15	A great opportunity to expand research horizons beyond the narrow focus of many dissertation/postdoc projects.	7/22/2016 9:15 AM
16	yes and no. I think it can work well for some students but CIDER takes away prime summertime for thesis research.	7/22/2016 5:10 AM
17	I have sent 3 of my grad students to CIDERs in the past and all enjoyed and benefited from attending.	7/21/2016 10:40 PM

## Q26 Senior Participants ONLY: Would you recommend the CIDER II program to other colleagues?

Answered: 29 Skipped: 3



Answer Choices	Responses
Yes	100.00% 29
No	0.00% 0
<b>Total</b>	<b>29</b>

#	Please explain.	Date
1	Hard to say. The meeting is so long and pace so slow that each person must weight the potential benefit of CIDER against other activities.	7/27/2016 5:05 PM
2	Very nice opportunity to meet people and to learn from other disciplines, while keeping some time for your own research.	7/26/2016 5:07 AM
3	Such a good opportunity to get to know each other and enjoy intensity of science discussions.	7/23/2016 5:09 PM
4	CIDER is an amazing opportunity to learn new disciplines and encounter future colleagues.	7/23/2016 1:48 PM
5	I always learn a lot when I attend CIDER.	7/23/2016 6:56 AM
6	The CIDER summer program provides a great opportunity to meet colleagues of other disciplines. I learned a lot by spending time with them.	7/22/2016 3:41 PM
7	It is absolutely worth the time. It is easy to come with family. The longer you can stay, the more you get out of it.	7/22/2016 10:28 AM
8	It's your duty to come and help out !	7/22/2016 9:59 AM
9	The program is like a breath of fresh air. Having expert colleagues on tap to talk about exciting science is not always an option at home institutions, and I really value these opportunities.	7/22/2016 9:53 AM
10	Clearly due to my limited participation I will not be able to be as complete in my recommendation - since I did not attend the first elements - but what I was involved with was scientifically stimulating - I also learnt new methods and made new links.	7/22/2016 9:31 AM
11	I would recommend it without any hesitation. Actually a couple of senior lecturers of this year decided to come at also following my advice.	7/22/2016 9:28 AM
12	Again the comment about CIDER not covering travel for foreign participants. Not all of my colleagues are able to finance these costs.	7/22/2016 9:26 AM
13	Yes, I think that CIDER II is an excellent opportunity to meet colleagues from other institutions and discuss research ideas in a setting with minimal distraction.	7/22/2016 9:20 AM

## CIDER II 2016 Summer Program Feedback Survey

14	Yes, although I don't think the senior participant group should grow much larger.	7/22/2016 9:20 AM
15	I have recommended it warmly to many senior colleagues.	7/22/2016 9:18 AM
16	Have many times already. Nothing approaches what this workshop can do for the community and connections. I have participated four times. First time I got a proposal out of it that funded some major new work that is paying off now! Third time a very high profile paper. That and many new connections and collaborations.	7/22/2016 9:16 AM
17	Pleasant way to meet new people and expand research horizons.	7/22/2016 9:15 AM
18	It's a unique opportunity to engage with other colleagues.	7/22/2016 9:14 AM
19	I cannot imagine spending 6 weeks there; and I really wonder what the last two weeks with no grad students is like. Seems likely to be pretty dead time and only good for pre-existing collaborations and/or writing time. I would not want to be there then myself, as I am much more efficient at home for such efforts. I thought the first two weeks were valuable for review, for meeting people, and for catching up with colleagues. I like the GRC meetings for that as well; perhaps CIDER would benefit from some more open dialog time and a less stuffed daytime schedule.	7/21/2016 10:40 PM

## Q27 Please share your final thoughts about how you view the benefits and/or drawbacks of participating in the CIDER II 2016 Summer Program.

Answered: 19   Skipped: 13

#	Responses	Date
1	For me CIDER was the highlight of my last few years as a professional. I love the intensity of combined science and interpersonal interactions. The students/postdocs are the best part. Yet that part wouldn't work without a critical mass of committed senior participants. None of it would work without the perfect venue and the logistics.	7/23/2016 5:09 PM
2	The time investment is an issue but at the end of the day, I got so much from CIDER that I wished I was able to stay longer.	7/23/2016 1:48 PM
3	Benefits: being exposed to new research, new ideas and new researchers. Drawbacks: is a significant time commitment during the precious summer months when much research (and recharging) gets done.	7/23/2016 6:56 AM
4	CIDER is an intellectually stimulating, fast-pace program in a friendly, relax setting. We all owe Dr. Romanowicz a great debt for what she has done for us.	7/22/2016 3:41 PM
5	In previous years I have declined coming for various reasons, some legitimate (newborn twins), but others (too much to do, too busy) I would say are completely unfounded. The benefits of coming outway these other concerns. I was able to work in the evening an for a few hours each day during the last two weeks, and have been able to keep up with my other commitments. I strongly recommend this to other faculty at all stages of their careers.	7/22/2016 10:28 AM
6	I felt the lectures outside my discipline were very educational. Talking with various faculty also gave me ideas for future research and a boost in enthusiasm for the field.	7/22/2016 10:22 AM
7	It's a lot of work to get organised to come but not half as much as it would be to organise something similar. The CIDER II team is amazing in that respect and it's great to be able be able to take advantage of that.	7/22/2016 9:59 AM
8	This program takes up a lot of time, but the benefits are both immediate (new ideas! new perspectives) and long lasting - I think our group research project has enough interest to continue.	7/22/2016 9:53 AM
9	It was just a pity that I could not join for the earlier weeks.	7/22/2016 9:31 AM
10	As I said earlier this is the place to come and interact with the peers. The width of the program and the variety of research topics makes it a perfect environment to grow new ideas. Actually not later than yesterday, while deciding the initial conditions for a new set of experiments I realized that specialists in the field were next door. That saved days if not weeks.	7/22/2016 9:28 AM
11	Only benefits for me, no drawbacks	7/22/2016 9:26 AM
12	The only drawback of participating is the time spent away from my home institution in the summer. There's really nothing to be done about this, though, and I think that the benefits outweigh the drawbacks.	7/22/2016 9:20 AM
13	The benefits of the program extend far beyond the program itself and across the field. Looking at the Deep Earth AGU sessions, many of them are organized by the CIDER community. People within the community know who to contact about anything, everyone is just one email away.	7/22/2016 9:20 AM
14	It is a substantial time commitment, but it is worth it to have time for doing research, getting new ideas, sparking new collaborations.	7/22/2016 9:18 AM
15	it's a long period of time, but I don't see any drawbacks. As a senior participant I felt that not being able to attend the tutorial left me less engaged with the students.	7/22/2016 9:16 AM
16	Great program. I hope it can continue into the future.	7/22/2016 9:15 AM
17	only drawback is that i use the summer to catch up on research... and CIDER interferred with that...on the other hand i learned new things and got renewed interest in working on different problems. plus i enjoyed meeting a lot a very bright folks!!!	7/22/2016 9:01 AM
18	See no drawbacks.	7/22/2016 6:58 AM
19	The benefits are that you get to work with new students and postdocs as well as interact with a large and diverse faculty. The negative is that being away from your home institution (and lab) is not always easy. However, it works.	7/21/2016 9:43 PM

## Q28 Please share any final comments and suggestions you have to help improve the CIDER II program.

Answered: 9 Skipped: 23

#	Responses	Date
1	Have all the tutorials and low-level talks for students and postdocs only in the first two weeks; get those out of the way. Then have the senior participants arrive. The students and postdocs could summarize the overarching questions remaining from the low-level talks and then the seniors could give their research talks. This would be a more efficient use of senior participant time and lead to a more exciting period.	7/27/2016 5:05 PM
2	Perhaps some more formal professional development sessions. Also--consider housing everyone together.	7/23/2016 5:09 PM
3	The CIDER summer program is great, and Dr. Romanowicz is truly exceptional. My suggestion is to increase the students' exposure to experimental research. For example, researchers from different disciplines can brainstorm new experiments to be conducted. It could be truly transformative.	7/22/2016 3:41 PM
4	Make sure that families with children are put in down-stairs apartments WITH a bathtub. That being my only comment tells you how well this works :-)	7/22/2016 10:28 AM
5	As well as my answer to Q 26, I hugely appreciate the age and gender diversity of the participants - this is an issue that geophysics needs to address and it's clear that the CIDER community is well ahead of the curve. It's much more welcoming than some other scientific arenas.	7/22/2016 9:53 AM
6	Probably advertising more the program overseas would be a good idea to bring in more diversity. But it is just a minor observation. Thank you for organizing this !	7/22/2016 9:28 AM
7	Perhaps new topics. We do tend to go over the same scientific questions. I do like how the senior participation has become much more diverse (in terms of institutions, people, etc.) and the student body more international. Impressed!	7/22/2016 9:16 AM
8	the organizers did a GREAT JOB and i think them for everything... truly a wonderful experience. CIDER is a good model. we should have CIDER like entities in ALL aspects of earth science going on EACH year!!!!	7/22/2016 9:01 AM
9	Senior members participation varied too much across the group. Some coordination would be desirable.	7/22/2016 6:58 AM