STEMSEAS Update Summer 2020
Jonathan C. Lewis, Indiana University of Pennsylvania
Sharon K. Cooper, Lamont Doherty Earth Observatory,

UNOLS Council
Summer Telecon
24 April – 1 May:  *R/V Endeavor* from Port Everglades, FL to Narragansett, RI
12 May – 17 May:  *R/V Sikuliaq* from Seward, AK to Seattle, WA
10 July – 15 July: *R/V Sikuliaq* from Seattle, WA to Seward, AK
11 July – 17 July: *R/V Hugh Sharp* from Gulfport to Lewes, DE
9 August – 13 August: *R/V Neil Armstrong* from Galway, Ireland to Reykjavik, Iceland
25 Aug – 30 August: *R/V Marcus Langseth* from Ketchikan, AK to Dutch Harbor, AK
250+ applications reviewed for STEMSEAS 2020.

What they are missing in the current situation?

Word clouds* of the 2016, 2018 & 2019 cohorts suggest they are missing transformative experiences.

* (not counted)
Having participated in the STEMSEAS program, how have your CAREER **goals changed**, if at all? How did the program influence those changes? Please be specific and give examples.

Having participated in the STEMSEAS program, how have your ACADEMIC/EDUCATIONAL **goals changed**, if at all? How did the program influence those changes? Please be specific and give examples.
What was the best part of the STEMSEAS program? What makes you say that?

Overall, what was the main benefit of your participation in the STEMSEAS program? What did you get out of it?
Amazing impacts on career trajectory

“Having the opportunity to go on this trip with STEMSEAS has been the single greatest thing I have ever done. I am so thankful for the opportunity that it has given me. I will never forget it.” – 2016 participant

“Disclaimer: I know I’m rating everything 10, but I honestly feel this way. It was chilling to have real scientist who make a living off of their research as our peers and mentors. Never have I actualized the possibility of being a scientist like I did during our transit. I feel so happy and hopeful for the future, and I hope it’s a future filled with research.” – 2019 participant
Are you interested in participating in STEMSEAS on-line events over the next 4-6 months?

76 responses

- Yes: 68.4%
- No: 31.6%
- Maybe: 0%
What topics are you interested in? (select as many as you want)

76 responses

- Life at Sea: 69 (90.8%)
- Chats with Alumni: 36 (47.4%)
- Mentoring - how to find research opportunities: 45 (59.2%)
- Oceanography/Earth science: 49 (64.5%)
- Lectures from...: 45 (59.2%)
- How to obtain ship based research experience: 62 (81.6%)
- The transition from being a student to...: 1 (1.3%)
- Volunteer opportunities with STEMSEAS: 1 (1.3%)
- Mini symposium presentation: 1 (1.3%)
I am interested in being considered for STEMSEAS 2021
76 responses

98.7% Yes
2.3% No

I am interested in scheduling one-on-one mentoring/chat with a STEMSEAS alumnus or mentor:
74 responses

73% Yes
27% No
How can we make lemonade right now?

- Virtual events!!
  - Lectures from scientists
  - Chats with crew
  - Telepresence (or even just HiSEASNET or cell if close to shore) connections to cruises
  - Opportunities for students to participate as shore-based assistants with expedition data
  - Alumni chats
  - Ship capabilities seminar
  - Mentoring: how to find research experiences or apply to grad school

- What else?!! More ideas welcome!
We acknowledge support from NSF Awards ICER 1540645, 1701168 and 1701174

Questions?