

Maggie's contributions in purple.

Sarah's contributions in blue

Peter's contributions in green

Celia's contributions in light blue

1. **If you are involved in research with communities of color, in the US or abroad, have you...**
  - a. **Actively sought out local collaborators / liaisons / guides? Why or why not?**
  - b. **Were they included in the early development and/or proposal of the research or project itself, or added at a later stage?**
  - c. **Were any local collaborators included as authors on presentations and/or papers?**

My prior work involved field campaigns at Utqiaġvik, Alaska, an Iñupiat town in Northern Alaska, during my graduate work. While we worked with the local community, to my knowledge, it was purely regarding logistical support rather than research goals or proposal development. This support was noted in the acknowledgements of resulting publications. We also gave presentations on our work to the local community.

2. **Actively sought to include local students in your research? Why or why not?**

As a graduate student, I'm not sure to what extent I can recruit local students to take part in my research project . Undergraduate students do have opportunities to do research where they work with graduate students as their main advisors though.
3. **Sought to build trust and form long-term connections and collaborations with local institutions if your project is multi-year / ongoing? Why or why not?**
  - a. **Were previous negative interactions, whether from inside or outside of your organization, addressed in the plans for building these connections and trust?**
4. **Shared data and findings with the local/regional community in a way that is more accessible? (i.e., translating into different languages). Why or why not?**
5. **Educated yourself and your group/team about local politics, culture, customs, and knowledge, including the history of colonialism / settler colonialism in the region? Why or why not?**
  - a. **Was sufficient time allocated to the process of working within the community's governance, customs, and priorities?**
  - b. **Is respecting culture and customs included as part of your code of conduct?**

**6. Acknowledged local communities / Indigenous tribes in your research results?**

I have added a land acknowledgment to my lab guidelines that reads, "We acknowledge the Kizh and Acjachemen Indigenous peoples on whose traditional, ancestral, unceded territory we are learning, working, and organizing from today. The Faiola lab supports diverse perspectives in the pursuit of science and values Indigenous scientific knowledge. We also recognize the historical inequities that have shaped modern scientific culture and seek to repair the negative impacts of colonialism on the inclusive pursuit of science."

I will also commit to adding a land acknowledgment to future talks and published papers.

**7. Included local communities in your broader impacts in a meaningful way that builds on the community's identified needs and concerns?**

- a. Did these efforts leverage community members, and was that work compensated appropriately?

**8. Considered and prioritized research questions and research locations based on needs of local communities, in addition to how impactful they are seen within academia?**

**9. How will we improve moving forward?**

My work has not specifically involved communities of color--unlike many areas of geosciences, my scientific area is not as rooted in place but in outer space. I have been exploring and reimagining ways to involve communities of color in my work since virtually every community in the world has a relationship to the celestial. I would really like to collaborate with others in my subfield on this since I am not sure how to do this but my initial thoughts are to work with the Indigenous communities in my region to build relationships and learn about their relationships with the celestial. Similarly, I feel it is important to build relationships with the communities on whose land the telescopes I use are located. This, I feel, is a complex issue and I know there are many wounds here particularly in Hawaii around the telescopes on the summit of Mauna Kea. I am honestly not sure even how to begin this work.

That being said, I did include a land acknowledgement in my most recent paper I submitted, identifying the lands from where my data were observed, the lands where the analysis was conducted and the lands where the manuscript was written and revised. In addition to the land acknowledgement (though I did not publicly announce this) I also donated \$120 to a local group in my region focused on Indigenous land repatriation, the Sogorea Te' Land Trust (<https://sogoreate-landtrust.org/>). This 'urban Indigenous woman led land trust' suggests people living in the occupied Lisjan Oholone lands pay a 'shuumi' to the Trust to support the repatriation of these lands. My family and I plan to pay a shuumi every year and I intend to pay additional shuumis when I publish work, submit grant applications or other career milestones as an acknowledgement that I could not do my professional work without the foundation of the land which I occupy.

My work has also not specifically involved communities of color, and while my research area has focused on the Congo Basin within Africa, I have not yet had a chance to collaborate with local scientists. However, I definitely want to make these important connections and collaborate with these scientists in the future; I hope to be able to meet them through scientific conferences or by reading their papers and connecting with them through their published works. While my specific research project, is not really related to local communities in the USA, I would like to get more involved with talking about earth science in general to local communities. For example, I am participating in the "Letters to a Pre-Scientist" program, where right now I am exchanging letters with an elementary school student nearby and talking about my science. I have also done some volunteer work with the annual science fair that the UCLA Physical Sciences College holds. However, there is a lot more I can do to further get involved, such as participating in volunteer tutoring programs, or doing more scientific outreach events.

While I have not included a land acknowledgement yet in a publication, I plan to do so in the future. If I am a teaching assistant for a class, I will bring up with the professor, if they haven't done so already, including a land statement acknowledgement in the class website or syllabus, or talking about it during the first lecture of class.

**10. Are there specific resources or guidelines that are needed to improve the process for planning ahead and working with communities of color?**