



NNA Community Newsletter

January 2022 Issue

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NSF NNA Solicitation and Proposal Workshop Recordings

Program Manager Chat: National Science Foundation Navigating the New Arctic

December 8, 2021

In this program manager chat, hosted by IARPC Collaborations, Program Officers from the National Science Foundation shared information about the Navigating the New Arctic (NNA) program. They provided an overview of the

recently released [solicitation](#), highlighted major changes, reviewed program goals, and answered questions.

Find the [presentation recording here](#).

Find the [presentation slides here](#).

NSF Navigating the NNA Proposal Preparation and Merit Review Process Workshop

December 9, 2021

The National Science Foundation (NSF) held a Navigating the New Arctic (NNA) proposal workshop, hosted by the NNA Community Office. The presentation consisted of an overview of the NSF review process and Intellectual Merit and Broader Impacts criteria, as well as most common mistakes made by investigators when submitting a proposal.

Find the [presentation recording here](#).

Find the [presentation slides here](#).

AGU NNA Community Townhall

Coordination for Use-Inspired Convergence Research and Equitable Collaboration in the Arctic: A Navigating the New Arctic (NNA) Community Town Hall

December 16, 2021

The NNA Town Hall at AGU provided an overview of the NNA Community Office (NNA-CO) and shared information about ways to get involved in the NNA community, including involvement in the NNA Broader Impacts Network, and participation in upcoming NNA trainings on data management, education and outreach, and Arctic community engagement. At the Town Hall, we discussed the design and implementation of Convergence Research Working Groups, which will kick-off in early 2023. To address cross-cutting research challenges, these groups will bring together NNA community members from across NNA groups and partners, and include participation and cohort development for an Early Career Fellows group. In early 2022, the NNA-CO will provide a draft design paper to act as a foundation for discussion, and we look forward to input from across the Arctic-engaged community during the year ahead.

NNA-CO February Outreach Fairs

February 8, 2022 & February 16, 2022

2:00pm AKT & 4:00pm AKT

Virtual events

The NNA Community Office is hosting an Arctic Outreach Fair during the Alaska Forum on the Environment (AFE) on [February 8, 2022](#), and an Arctic Educators Fair on [February 16, 2022](#). During these events, NNA project teams are invited to share flash talks highlighting their NNA projects if they

have a focus on either community outreach or K-16 education in Alaska. We are inviting Alaska community leaders, local residents, rural organizations, and formal and informal educators to attend. This is an opportunity to engage with Alaska communities, strengthen partnerships, and introduce educators to new resources or opportunities that your research may provide.

To attend the Arctic Outreach Fair, please register for the [Alaska Forum on the Environment](#). To attend the Arctic Educators Fair, please [register here](#). **All flash talk slots are now filled.**



SAVE THE DATE
Meet scientists, learn about teacher resources & get inspired!

16
FEBRUARY

Arctic Educators Fair

Are you an Alaskan educator or an Arctic-inspired teacher? Do you want to engage with real scientists? Join the Arctic Educators Fair to learn about place-based science and art opportunities, and connect your students with researchers studying the changing Arctic.

The fair is virtual and will take place at 4 p.m. Alaska time. This event is endorsed by the Alaska Science Teachers Association.

RSVP at <https://bit.ly/3EyR8cB>

NNA - Navigating the New Arctic
CO Community Office

UAF UNIVERSITY OF ALASKA
FAIRBANKS

ALASKA PACIFIC

University of Colorado
Boulder

Postponed: Meeting to Discuss a Potential NNA Community-Research Liaison Network

The NNA-CO Team decided to postpone the NNA Community-Research Steward/Liaison Network Discussion Meet-Up that was previously planned for January 20. Due to scheduling conflicts and concerns that we didn't yet have an equitable balance in participation across NNA researchers and community partners, we decided to aim for a future date, yet to be determined. We thank those who registered and expressed an interest in this event.

NASA Equity and Environmental Justice Solicitation

The NASA Earth Science Division (ESD) solicits proposals to advance progress on equity and environmental justice (EEJ) domestically through the application of Earth science, geospatial, and socioeconomic information. With this program element, NASA is especially interested in proposals from or partnered with non-Federal domestic organizations, community-based non-profit institutions, tribal governments, local governments, and academic institutions active in addressing EEJ issues that would benefit from the insights offered by NASA Earth science information. This solicitation includes three elements: 1) Landscape analyses, 2) Community-based feasibility projects, and 3) Data integration projects that combine Earth science information and socioeconomic datasets.

Learn more [here](#).

Suggested Reading: Weaving Indigenous Knowledge into the Scientific Method

Scientists and funders with close links to local communities outline how Western teams can collaborate fairly and effectively with those groups.

“Many scientists rely on Indigenous people to guide their work — by helping them to find wildlife, navigate rugged terrain or understand changing weather trends, for

example. But these relationships have often felt colonial, extractive and unequal. Researchers drop into communities, gather data and leave — never contacting the locals again, and excluding them from the publication process.

Today, many scientists acknowledge the troubling attitudes that have long plagued research projects in Indigenous communities. But finding a path to better relationships has proved challenging.”

Read the full article [here](#).

NNA Project Highlight

Researching Apun: Students Using Local, Traditional, and Science Knowledge Bases to Investigate Arctic Snow Processes

Students collecting snow samples outside Utqiagvik, AK.

The Arctic is warming more rapidly than elsewhere on Earth, and the community of Utqiagvik, AK, the home of the Iñupiat people, has a unique perspective from which they are observing this profound change. The goal of Researching Apun: Students Using Local, Traditional, and Science Knowledge Bases to Investigate Arctic Snow Processes is to engage students from [Iḷisaḡvik College](#), Utqiagvik, AK in carrying out classroom research projects on apun (Iñupiaq for snow on the ground) that integrate local understanding and scientific classroom practices. Students design and carry out research projects to understand snow processes based on their experiences listening to Elder stories, interviewing community members, and talking to Arctic scientists. The research activity was designed using culturally relevant education and in keeping with the educational mission at Iḷisaḡvik College to provide education based on Iñupiaq cultural heritage. The project team worked to develop a classroom research unit that honors this mission, will benefit students and the community, and can be used sustainably by instructors after the NSF project is completed.



The project team consists of members from Iḷisaḡvik College (PI-Linda Nicholas-Figueroa, Daniel Wall), University of Michigan (PI-Ginger Shultz, PI-Kerri Pratt, Jeffrey Spencer, Danielle Maxwell), and Ikaaḡun Engagement (Kaare Sikuaq Erickson). In order to continue engaging students in snow chemistry research after the project is complete, PI-Dr. Nicholas-Figueroa welcomes support from community members who are willing to share their knowledge and experience about snow, subsistence hunting, and living in rural Alaska with her students. The project has also been supported by community members and Iñupiaq Elders who have graciously given their time to students at Iḷisaḡvik College, as well as UIC-Science and Mr. Kaare Erickson of Ikaaḡun Engagement.

For more information, check out this [recent publication](#) on the project.

Questions and comments can be directed to the project PIs:

Linda Nicholas-Figueroa: linda.nicholas-figueroa@ilisagvik.edu



Students collecting snow samples outside Utqiagvik, AK.

We will feature different NNA projects in each newsletter.

Upcoming Events

Arctic Outreach Fair

- February 8, 2022 - 2:00pm Alaska / 4:00pm Mountain / 6:00pm Eastern

Arctic Educators Fair

- February 16, 2022 - 4:00pm Alaska / 6:00pm Mountain / 8:00pm Eastern

We welcome [submissions](#) for items to be considered for upcoming NNA Community Newsletters or the [NNA News page](#).



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<https://www.nna-co.org>

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