

NNA Community Newsletter

November 2021 Issue

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December NNA Events

Program Manager Chat: National Science Foundation Navigating the New Arctic

December 8, 2021

*4:00pm-5:00pm Eastern / 2:00pm-3:00pm Mountain / 12:00pm-1:00pm Alaska
Virtual event*

Join IARPC and the National Science Foundation for a program manager chat focused on the Navigating the New Arctic (NNA) program. NNA program officers will provide an overview of the [recently released solicitation](#), highlight major changes, review goals of the NNA program, and answer questions. Preregistration is not required. For more information:

<https://www.iarpcollaborations.org/members/events/22023>

NSF Navigating the NNA Proposal Preparation and Merit Review Process

Workshop

December 9, 2021

*2:00pm-4:00pm Eastern / 12:00pm-2:00pm Mountain / 10:00am-12:00pm Alaska
Virtual event*

The National Science Foundation (NSF) invites you to a Navigating the New Arctic (NNA) proposal preparation workshop. The first hour will consist of an overview of the NSF review process and Intellectual Merit and Broader Impacts criteria, as well as share most common mistakes made by investigators when submitting a proposal. The second hour will be structured around breakout rooms with NSF program officers. Please register for the workshop in advance:

<https://zoom.us/meeting/register/tJ0sdeyuqzMiEtD67C22sQx1VwrUGWZ8BKgj>

NNA-CO at AGU - TH45I - Coordination for Use-Inspired Convergence Research and Equitable Collaboration in the Arctic: A Navigating the New Arctic (NNA) Community Town Hall

December 16, 2021

*7:15pm-8:15pm Eastern / 5:15pm-6:15pm Mountain / 3:15pm-4:15pm Alaska
In-person (Convention Center - Room 391-392) and virtual event*

This NNA Town Hall will provide an overview of the NNA Community Office (NNA-CO) and share information about ways to get involved in the NNA community, including participating in the design and implementation of Convergence Research Working Groups, involvement in the NNA Broader Impacts Network, or participation in upcoming NNA trainings on data management, education and outreach, and Arctic community engagement. Current and prospective NNA researchers and collaborators are invited, along with anyone interested in learning more about convergence research and approaches for equitable research collaboration in the Arctic.

NNA-CO at AGU - ED52A - Arctic Education and Outreach: Effective Ways of Engaging Diverse Learners in Arctic Science I Oral

December 17, 2021

*10:45am-12:00pm Eastern / 8:45am-10:00am Mountain / 6:45am-8:00am Alaska
Convention Center - Room 291-292*

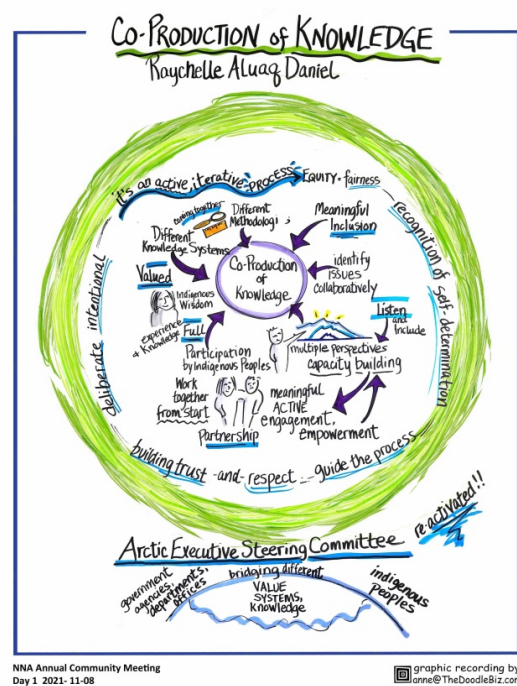
The changing polar environments have created important scientific and societal concerns in high and lower latitudes. In this session we will share effective approaches, frameworks and examples of how to promote a broad understanding and awareness of the changing Arctic and the related societal implications. The session will highlight effective strategies to inspire learners in both formal and informal learning contexts and communities, as well as effective ways of community engagement, co-design of educational and outreach activities, and fostering intergenerational or cross-cultural learning through Arctic Indigenous knowledge, science and observation.

NNA Annual Community Meeting Summary

The NNA Annual Community Meeting, sponsored by the National Science Foundation, was held virtually from November 8-10, 2021, attracting nearly 400 registrants and over 50 speakers. Attendees engaged in plenary sessions,

breakout groups, trainings, panels, and artist highlights over the three-day schedule.

The NNA-CO team would like to thank Matt Echohawk-Hayashi for facilitating the meeting, and Joe and Martha Senungetuk for offering grounding and closing insights throughout the meeting. We invite attendees to continue to access the resources and discussion boards from the meeting via the [meeting Whova portal](#). Portions of the meeting were documented with graphic facilitation, as seen and accessible via the image to the right of this article (*please click the image for full document*). A meeting report will be available in January 2022.



NNA-CO Hosts Indigenous Gathering Open Houses

The NNA-CO Community Extension Office at Alaska Pacific University hosted two virtual open houses during November. The goal of these events was to provide an opportunity for tribal leaders, Indigenous knowledge holders, culture bearers, Elders, youth, or community members to learn about the Navigating the New Arctic Community Extension Office at Alaska Pacific University and to provide feedback or suggestions on how the Community Extension Office can best serve and support community interests, needs or research questions. The first event was on November 3rd and the second was during the Alaska Tribal Conference on Environmental Management on November 16, 2021.

Call for Flash Talks - NNA-CO Outreach Fair

Do you want an opportunity to connect your NNA project to Alaskan educators, environmental decision-makers, or community members? Sign up now for a flash talk spot in one of the upcoming NNA Outreach Fairs. This year's NNA Community Office Outreach Fair will focus on Alaska, with outreach fairs focused on international audiences planned for future years.

The NNA Community Office will be hosting two fairs in **February 2022**:

- A research outreach fair at the Alaska Forum on the Environment to help connect projects to potential community collaborators and local environmental decision-makers and professionals, and to help disseminate research products coming out of NNA projects. This fair will be held during the week of Feb 7-11 (exact date TBD).
- An education fair for K-16 educators to help disseminate great ideas in education, learning products (curricula, videos, learning activities), or opportunities for student or educator engagement (REU, RET, community science, meet-the-scientist video calls, etc.). This event will be held Feb 23, at 4:30 pm Alaska Time, so as to be after the school day for Alaskan educators.

Format: Virtual; 3 minute flash talks with a moderator.

Please fill out [this form](#) to sign up.

Training Opportunity - Strategies for Sustainable Funding: Grant Writing & More

Six-week training program available for Indigenous-led science and knowledge programs presented by Northern Connections in partnership with Learn Grant Writing

A new grant-writing training opportunity, offered by the NSF NNA-funded Northern Connections project in partnership with Learn Grant Writing, is available for Indigenous-led science and knowledge programs focused on food security, land and water stewardship, environmental changes, and climate adaptation efforts. It is open to communities and Indigenous organizations based in Alaska and western Canada. The application deadline is **December 10, 2021**. The online training and live coaching calls are from January 18-February 24, 2022. Learn more by clicking on the event flyer below.



Exciting New Training Opportunity!
Presented by Northern Connections
in partnership with Learn Grant Writing

STRATEGIES FOR SUSTAINABLE FUNDING: GRANT WRITING + MORE!

What is it?
A 6-week training program for a total of 30 hours (4-5 hours/week) of online trainings and live coaching calls from Jan. 18 - Feb 24, 2022 taught by Learn Grant Writing, an Alaskan company that teaches globally and has extensive experience in the North.

Who is it for?
This training is available for Indigenous-led science and knowledge programs focused on food security, land and water stewardship, environmental changes, and climate adaptation efforts. It is open to communities and Indigenous organizations based in Alaska and western Canada.

All participants will have access to the course materials for a full year and will receive a copy of the book "How to Write a Grant: Becoming a Grant-Writing Unicorn." Participants will graduate with a project planning toolkit, a draft funding strategy reviewed by a coach, and a folder of grant application templates. The program consists of both self-study instructional sessions and live group call training sessions.

Learn Grant Writing has customized this training for the "Northern Connections" project - an effort funded by the National Science Foundation to support and connect Indigenous-led science and knowledge programs in the North. Tuition for the 6-week training is \$1,000 USD. Full scholarships provided by Northern Connections will be made available for 20 individuals to attend the course for FREE.

APPLY HERE by Dec 10th: bit.ly/3nDnmxy

More on Northern Connections at: www.northernattitudes.org/indigenous-knowledge-observation

 **LEARNGRANTWRITING.ORG**

Questions? Reach out to Sijo Smith at ssmith@alaskaconservation.org

NNA Project Highlight

Rain on Snow and Extreme Precipitation Events across the Arctic and their Impacts on Social-Ecological Systems

The goal of the Arctic Rain on Snow Study (AROSS) is to better understand the frequency and causes of rain on snow and extreme precipitation events across the

Arctic, how their frequency and severity are changing as the Arctic warms, and their social-ecological impacts. With a primary focus on hunting and reindeer herding livelihoods, this study looks to closely involve collaborations with Indigenous hunters and herders. While the COVID pandemic has delayed community-based research collaborations, efforts are ongoing to work with communities and herders in Alaska, Nunavut Canada (Clyde River), Finland, and the Yamal Peninsula (Russia).

The project team includes members from University of Colorado Boulder (PI: Mark C. Serreze; CO-PI: Matthew Druckenmiller; CO-PI: Shari Fox; CO-PI: Julienne Stroeve; Data specialist: Andrew Barrett; Graduate student: Jessica Voveris; Project manager: Betsy Sheffield), University of Lapland (Bruce C. Forbes, Roza Laptander, Sirpa Rasmus), University of Manitoba, Winnipeg (Michelle McCrystall), and Alaska Pacific University (Mike Brubaker, Mike Brook). Arctic community members are welcomed to contribute environmental and weather observations to the online [LEO Network](#), which is one of the core project collaborators. AROSS displays a subset of LEO Network observations about rain on snow and extreme precipitation on the website, and plans to use these observations to further understand local events and to drive their research.

Questions and comments can be directed to Mark Serreze (PI) at mark.serreze@colorado.edu.



For more information, visit the [project website](#), and check out this [video](#).

We will feature different NNA projects in each newsletter.

Upcoming Events

NNA-CO events at AGU 2021 Fall Meeting

- Coordination for Use-Inspired Convergence Research and Equitable Collaboration in the Arctic: A Navigating the New Arctic (NNA) Community Town Hall (TH45I) - Thursday, 16 December from 6:15 - 7:15pm CT (Convention Center - Room 391-392 + virtual participation)
- Arctic Education & Outreach - Effective Ways of Engaging Diverse Learners in Arctic Science | Oral (ED52A) - Friday, 17 December from 9:45 - 11:00am CT (Convention Center - Room 291-292)

Meeting to Discuss a Potential NNA Community-Research liaison Network

- January 20, 2022 - tentative date, time TBD

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





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The Navigating the New Arctic Community Office (NNA-CO) is jointly implemented by the University of Colorado Boulder, Alaska Pacific University, and the University of Alaska Fairbanks. The NNA-CO is supported through a cooperative agreement with the U.S. National Science Foundation (Award #2040729).

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

Contact us: contact@nna-co.org