

From: [Heidelberg, Karla](#)
To: [OPP ANT Program Officers](#); [OPP ARC Program Officers](#)
Cc: [Edillon, Terri](#); [Polly Penhale](#); [Marinelli, Roberta](#); [Gencarelli, Michael O](#)
Subject: FW: [EXTERNAL] - Decolonizing research funding at NSF
Date: Tuesday, November 2, 2021 8:16:57 PM
Attachments: [Dear NSF 20211103 LaRue.pdf](#)

Dear OPP POs and others,

Maria and I received this email today from one of our current grantees, who now lives in New Zealand (with a joint appointment in the US). In the attached letter she is asking NSF to be more cognizant of indigenous issues in our polar research program, especially in ANT.

This PI and I have a good working relationship and I am happy to reach out for more information/clarification. However, I will standby for more guidance from others first.

Karla

From: Michelle LaRue <larue010@umn.edu>
Date: Tuesday, November 2, 2021 at 7:44 PM
To: "Vernet, Maria" <mvernet@nsf.gov>, Karla Heidelberg <kheidelb@nsf.gov>
Cc: Michelle LaRue <michelle.larue@canterbury.ac.nz>
Subject: [EXTERNAL] - Decolonizing research funding at NSF

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Drs. Vernet and Heidelberg,

Please find attached a letter for your consideration, where I am requesting the NSF consider reviewing and amending the review/funding process to be more considerate and respectful of Indigenous cultures, knowledge, and communities. In no way am I speaking as an expert on the matter, only as an concerned/interested scientist who feels that the NSF has the power and the duty to make meaningful change in the right direction.

Please do not hesitate to reach out if you have any questions, and thank you for your consideration.

Sincerely,
Michelle

--

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03 November 2021

Dear National Science Foundation Office of Polar Programs,

I am writing to you as both an NSF grantee (awards #1744989 and #1543311) and also as a reviewer of NSF proposals to request greater oversight of proposal activities and award activities that ultimately result in “helicopter science” – the idea of western scientists traveling to a region, taking information, data, and analysing back in their home countries without including or acknowledging local communities or cultures. I am currently located in Christchurch, NZ, where the United States Antarctic Program operates as a base from which to travel to US Antarctic stations and so it is with the context of these three things (NSF grantee/USAP participant, NSF proposal reviewer, and resident in Aotearoa New Zealand) that I write this letter to you today.

As you are likely aware, there are substantial efforts worldwide to decolonize science, which according to Dr. Linda Tuhiwai Smith, involves understanding assumptions, values, and motivations that inform research practices. That Indigenous knowledge can be taken from, and exploited; that work and expertise can go unacknowledged, regardless of intention, has plagued western science since its inception. This needs to change, and rapidly. The taking of Indigenous knowledge by settler scientists is unethical, antithetical to the mission of the NSF, and cannot and should not happen any longer. To this end, **I am requesting that NSF take action by providing scrutiny to proposals and research activities that involve research on Indigenous lands, involving Indigenous communities, or about Indigenous cultures - in the same way other ethical considerations are made in the proposal process.**

This letter comes to you on the heels of a recent proposal I reviewed for the NSF that involved (what seemed to be) the proposed unintentional taking of samples or data from Indigenous communities, apparently without Indigenous input, collaboration, and without their knowledge. Though I left this feedback in my review to NSF, it bears repeating here that clearly there is a lack of knowledge of ethical and appropriate ways to gain genuine collaboration with Indigenous communities. Further to this point, a recent paper published in *Nature*, a project funded by the National Science Foundation, found that black carbon increased after Māori arrival in New Zealand, based on ice core records in Antarctica (McConnell et al. 2021). This finding is astounding for the wrong reasons: there was no Māori consultation, context, commentary, or invitation to provide guidance on the project ([as noted by several Māori academics familiar with the research](#)). Indeed, work published by Dr. Cilla Wehi and co-authors not only suggests Māori discovery of Antarctica more than 1,000 years before Europeans and further that Māori have always been part of the exploration of the continent (Wehi et al. 2021a), but also that an Indigenous lens can (and should) be integrated into Antarctic science and policy (Wehi et al. 2021b). **The notion that the Antarctic is a global commons without connection to Indigenous culture – which was used as an excuse for excluding Māori experts – is incorrect.** And though the National Science Foundation is not necessarily responsible for the actions of its grantees, the harm this may cause cannot be overlooked and needs to be rectified to ensure funded projects in the future adhere to ethical standards of inclusion and respect among not only Indigenous Māori but any Indigenous culture with whom NSF grantees work.

In no way am I suggesting to speak for, or on behalf of, anyone other than myself and any processes that may come of this letter should be guided by Indigenous scholars. My opinion is partly based on the Indigenous/Māori research protocols that are followed at Te Whare Wānanga o Waitaha - University of Canterbury and the advice I receive from the Kaiārahi Rangahau Māori – Māori Research Leader. See [Māori Research Partnerships | University of Canterbury](#). I have come to this view through my own journey in learning about Te Ao Māori and tikanga (ways of doing things). As an immigrant to Aotearoa New Zealand, I was [embarrassingly] completely unaware of appropriate methods of engagement with iwi and so such ignorance is very familiar to me. Furthermore, I am still learning and will continue to do so throughout my career. As members of the community and as scientists, it is our job to learn. The excuse of “not knowing” seems to be a convenient one, where in any other scientific situation (e.g., the wrong statistical test for your data), such an excuse would be outright laughable.

In sum, prior ignorance is not a valid reason to avoid doing the right thing. Now is the time to amend processes to reflect a more inclusive and robust framework for funding and conducting research through the National Science Foundation.

Therefore, my request is that program managers and directors at the National Science Foundation will meet to discuss the matters outlined in this letter. My hope is this meeting will arrive at a consensus to carry out a review of research practices in consideration of Indigenous/Māori interests and culture.

Thank you for considering my views and please do not hesitate to reach out if you have questions.

Ngā mihi nui,

(b) (6)



Michelle LaRue, PhD
Pūkenga Matua - Senior Lecturer
Te Whare Wānanga o Waitaha - University of Canterbury
Ōtautahi - Christchurch
Aotearoa - New Zealand

Research Associate
Department of Earth and Environmental Science
University of Minnesota
Minneapolis, MN USA

McConnell, J.R., N.J. Chellman, R. Mulvaney, S. Eckhardt, A. Stohl, G. Plunkett, S. Kipfstuhl, J. Freitag, E. Isaksson, K.E. Gleason, S.O. Brugger, D.B. McWethy, N.J. Abram, P. Liu, A.J. Aristarain. 2021. Hemispheric black carbon increase after the 13th-century Māori arrival in New Zealand. *Nature* 598:82-85.

Tuhiwai Smith, L. 2012. *Decolonizing methodologies*. Zed Books, 256 pages.

Wehi, P.M., N.J. Scott, J. Beckwith, R. P. Rodgers, T. Gillies, V. van Uitregt, K. Watene. 2021a. A short scan of Māori journeys to Antarctica. *Journal of the Royal Society of New Zealand* DOI: 10.1080/03036758.2021.1917633

Wehi, P.M., V. van Uitregt, N.J. Scott, T. Giles, J. Beckwith, R.P. Rodgers, K. Watene. 2021b. Transforming Antarctic management and policy with an Indigenous Māori lens. *Nature Ecology and Evolution* 5:1055-1059.

From: [Rom, Elizabeth L.](#)
To: [Sutherland, David A.](#); [Hill, Erica](#)
Subject: FW: [EXTERNAL] - FW: LANDInG-PRFP Virtual Meeting 1
Date: Tuesday, March 8, 2022 8:39:19 AM
Attachments: [image009443.png](#)
[image047513.png](#)
[image048786.png](#)
[image106432.png](#)
[image114429.png](#)
[image146658.png](#)
[image151268.png](#)
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[image719992.png](#)
[image770880.png](#)
[image970547.png](#)
[image979599.png](#)
[PRFP_agenda_VM1.pdf](#)
[Behl et al 2021_TOS.pdf](#)
[Charlesworth and Banaji 2019 gender in STEM.pdf](#)
[Morris 2021 Combating Racism in the Geosciences.pdf](#)
[AGU LMS Login Instructions - PRFP.pdf](#)

Hi Dave and Erica: AGU sent this notice yesterday morning, but no one in OCE received it until they resent it later in the day. Just FYI in case you didn't receive it either.

It contains details for the March 17th meeting. A nice list of readings and the two speakers they have lined up are great.

Lisa

From: Margaret Fraiser <mfraiser@agu.org>

Date: Monday, March 7, 2022 at 4:46 PM

To: Lisa NSF <elrom@nsf.gov>

Subject: [EXTERNAL] - FW: LANDInG-PRFP Virtual Meeting 1

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi, Lisa,

Just forwarding this now in case you missed it before.

We sent out a reminder about the meeting earlier today and I cc'd you. Please let me know if you did not receive it.

Negotiations with our professional evaluation team and seeking additional IRB approval took longer than we anticipated. A few of us also got COVID since the orientation meeting. Despite these delays, we are set for March 17's virtual meeting.

Please let me know if you need anything else.

Thank you!
Margaret



Margaret Fraiser, Ph.D.
Director, Diversity & Inclusion

202-777-7350(O)
2000 Florida Ave. N.W. | Washington, D.C. 20009
Pronouns: She/Her/Hers



From: Margaret Fraiser
Sent: Monday, March 7, 2022 2:45 PM
To: jabell@email.arizona.edu; malberty@princeton.edu; earrington@ucsb.edu; ljbak@uw.edu; burkej25@msu.edu; (b) (6); (b) (6); (b) (6); emery@ucsb.edu; kforsch@ucsd.edu; kgadeken@disl.org; (b) (6); mguitard@ldeo.columbia.edu; ahalberstadt@umass.edu; jhamdi@lumcon.edu; kbh0039@auburn.edu; jhoey@ucsc.edu; (b) (6); khudson@udel.edu; ahuth@princeton.edu; klanpher@ucsd.edu; aleitner@mbari.org; dlopez@temple.edu; selvam@caltech.edu; thomas.morrow@bc.edu; csm187@uw.edu; atninokawa@ucdavis.edu; (b) (6); blair.perry@wsu.edu; (b) (6); aruacho@uw.edu; joshua.sackett@uc.edu; kscavo@bu.edu; angela@szesciorka.com; (b) (6); burann@whoi.edu; dutter@g.harvard.edu; (b) (6); (b) (6)
Cc: Castillo, Karl D. <kcastill@nsf.gov>; Sutherland, David A. <dasuther@nsf.gov>; Rom, Elizabeth L. <elrom@nsf.gov>; AGU LANDInG <LANDInG@agu.org>; Brielle Bennett <bbennett@agu.org>; Pranoti Asher <PAsher@agu.org>; Billy M. Williams <BWilliams@agu.org>; Stephanie Goodwin <sgoodwin@agu.org>
Subject: LANDInG-PRFP Virtual Meeting 1

Dear OCE and OPP postdoctoral scholars,

Hello! We are looking forward to seeing you at the first topical meeting of the LANDInG-PRFP program on **March 17, 2022 2:00-5:00 pm EDT**. Virtual Meeting 1 (VM1) will focus on the impacts and evidence of DEI challenges in geoscience. We've included some information below to help you prepare for VM1.

Recommended Readings

The three articles attached to this message are related to the topics to be presented in VM1. We encourage you to read them beforehand to ensure thoughtful and engaged participation while we are together.

Evaluation Surveys

We have implemented program evaluation strategies to ascertain the value and outcomes of

LANDInG-PRFP. Surveys will be implemented electronically using the Qualtrics survey platform.

By next week you will receive invitations to participate in two surveys before you attend Virtual Meeting 1. The first of the surveys will take about 30 minutes of your time. The second survey invitation will arrive a little later and will only take about 5-7 minutes. If you do not receive these emails by March 14, please check your junk/spam folders and enable your email system to receive email from landingeval@qualtrics-survey.com.

Participation in each of these surveys is voluntary and confidential and will not influence your participation in LANDInG-PRFP. Because these surveys are designed to assess pre-participation benchmarks, please respond no later than March 17, 2022 at 1:59 pm EDT before VM1. You can learn more about the surveys (including how our evaluation team will ensure privacy and confidentiality of responses) when you follow the links provided in each survey invitation.

LANDInG Academy LMS (Learning Management System)

In support of your participation, AGU LANDInG has implemented an online LMS to provide access to readings, worksheets, and meeting information. We invite you to login into the LMS within the next few days to confirm your own access. Please see the attachment that includes LMS instructions and login information.

What to Expect Next

The agenda for VM1 is attached here (and will be available in the LMS). Please reach out if you've got any questions!

See you soon,
Margaret Fraiser on behalf of the LANDInG team

Join Zoom Meeting:

(b) (4)

Meeting ID: (b) (4)

Passcode: (b) (4)

From: [Pope, Allen James](#)
To: [OPP ARC Program Officers](#)
Subject: FW: [EXTERNAL] - Fwd: Arctic Daily Update: June 29, 2022
Date: Wednesday, June 29, 2022 8:21:16 PM

FYI, not sure if other folks were aware of this – but I saw this announcement of an Arctic space weather CAREER award funded by AGS. (news item also below) https://www.nsf.gov/awardsearch/showAward?AWD_ID=2144942&HistoricalAwards=false

I know we're discussion polar cooperation a lot, and this area of research definitely overlaps with research in the Antarctic Geospace program!

-Allen

--

Dr. Allen Pope (he/him)
Program Director for Polar Cyberinfrastructure

[Arctic Research Opportunities](#) | [Antarctic Research](#) | [Cyberinfrastructure for the Geosciences – Opportunities](#) | Supplements: [INTERN](#), [Career-Life Balance](#), [REU](#), [RET](#), [GEO-VETS](#) | [Facilitation Awards for Scientists and Engineers with Disabilities \(FASSED\)](#) | [Mid-Career Advancement](#) | [HBCU-EiR](#) | [Search for more NSF funding opportunities](#)

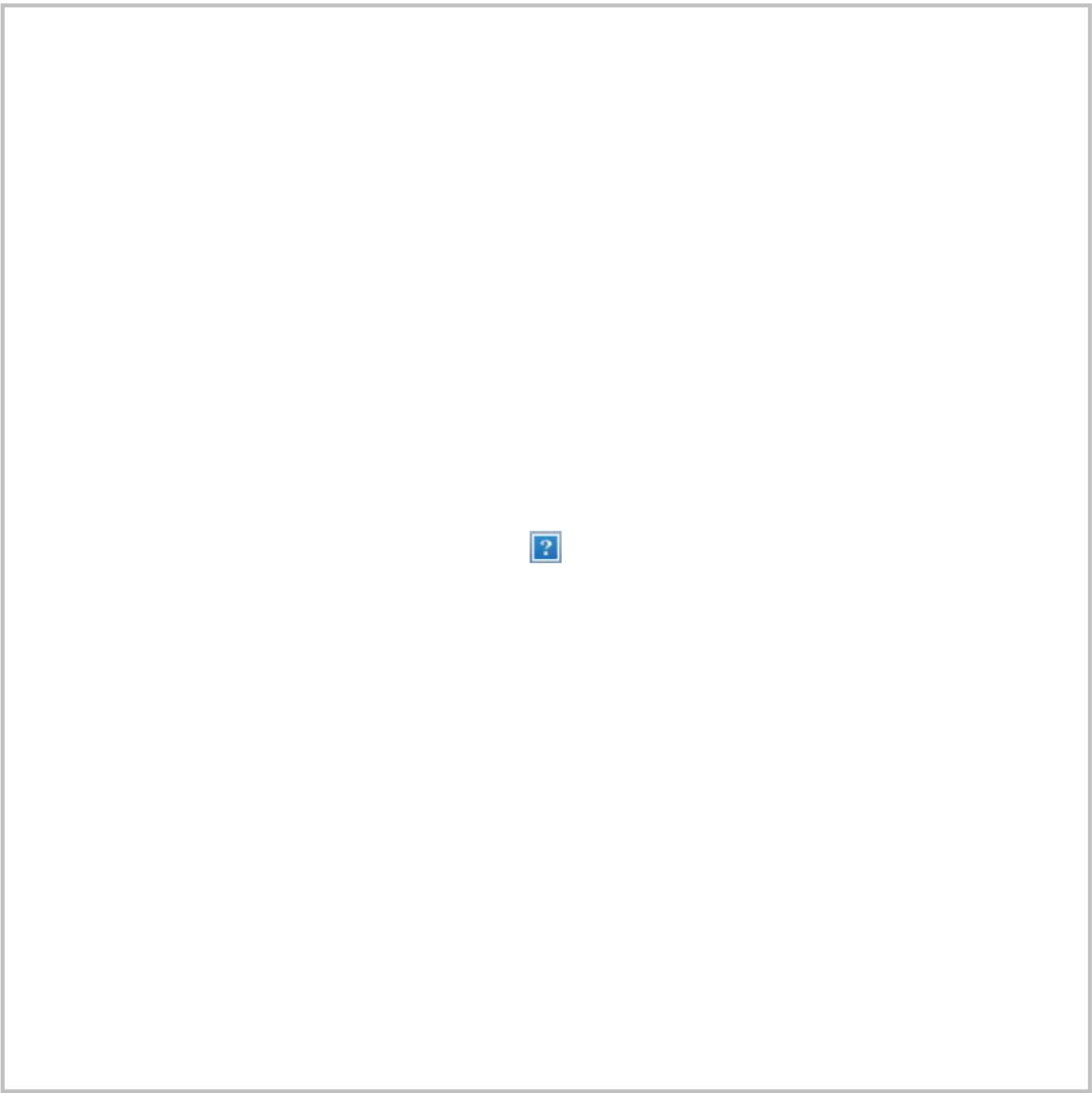
From: Allen Pope <allen.pope@post.harvard.edu>
Date: Wednesday, June 29, 2022 at 10:21 AM
To: "Pope, Allen James" <apope@nsf.gov>
Subject: [EXTERNAL] - Fwd: Arctic Daily Update: June 29, 2022

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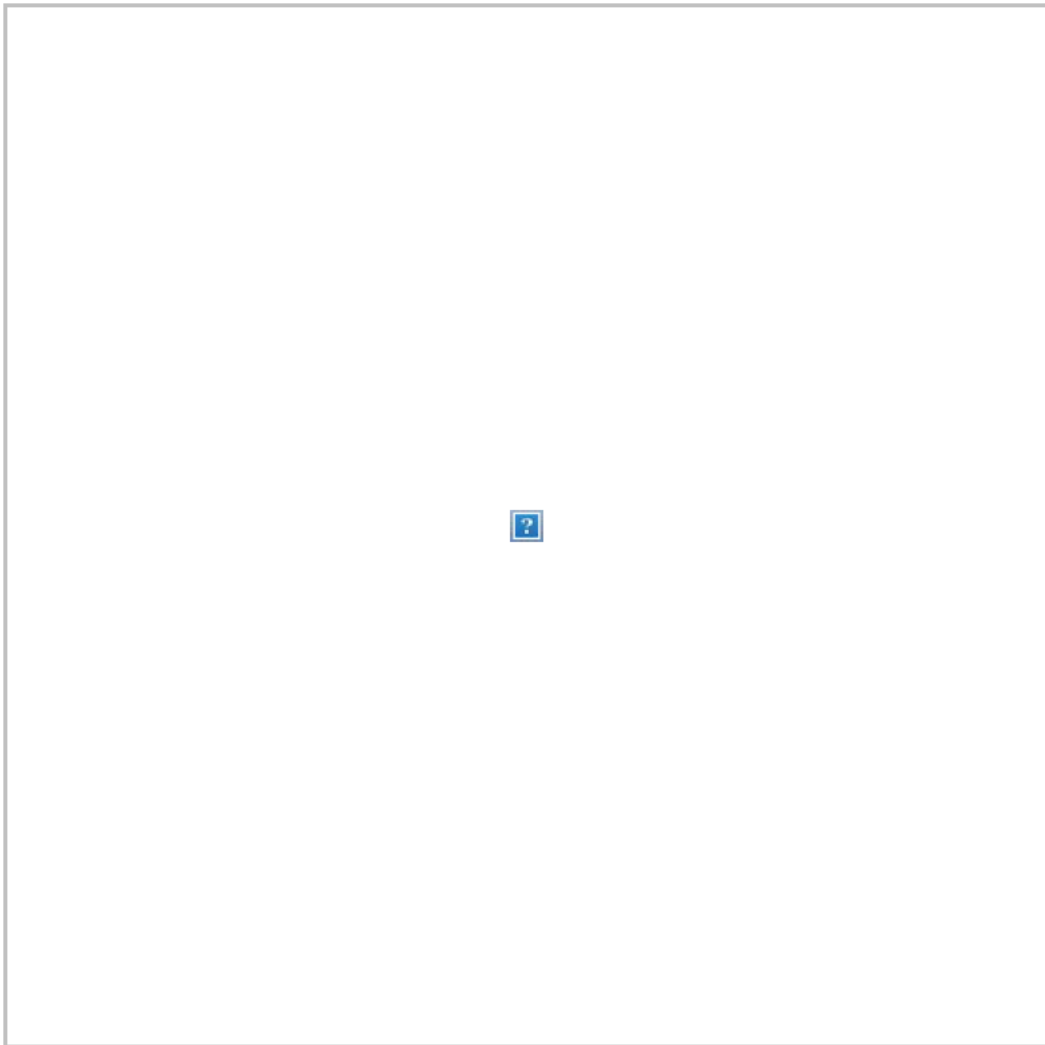
----- Forwarded message -----

From: **US Arctic Research Commission** <donotreply@arctic.gov>
Date: Wed, Jun 29, 2022 at 07:09
Subject: Arctic Daily Update: June 29, 2022
To: <allen.pope@post.harvard.edu>





June 29, 2022

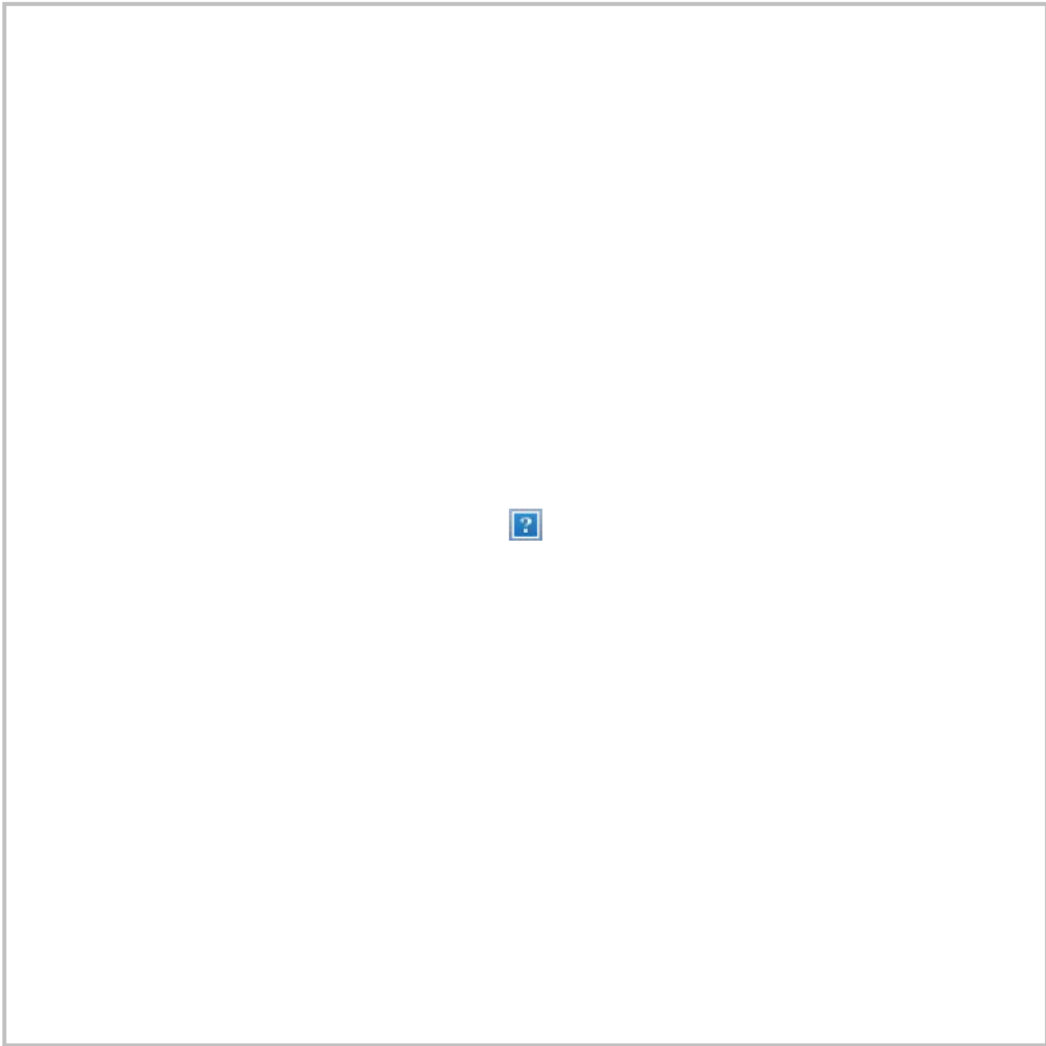


June 27-30, 2022 | Seattle, Washington USA

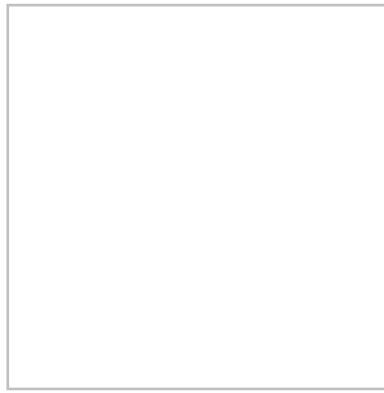
Observing, Modeling, and Understanding the Circulation of the Arctic Ocean and Sub-Arctic Seas Workshop

The US CLIVAR Observing, Modeling, and Understanding the Circulation of the Arctic Ocean and Sub-Arctic Seas Workshop will explore changes in Arctic Ocean and sub-Arctic seas circulation related to global change and the observing system required to track those changes in the future. The observing system design effort will be cognizant of the practical, geopolitical, and operational constraints of Arctic Ocean observing, but will incorporate modern objective experimental design and data assimilation using numerical models as fundamental guiding principles. Its work will contribute to evaluations of model simulations and observational analyses to assess opportunities for model improvements.

[Event Link](#)



NSF Invests in West Point's Arctic Space Research



Col. Diana Loucks has a passion for understanding space weather and its impact on military effectiveness. Her work investigates how the aurora affects GPS signals in the Arctic. As Loucks explains, "Space weather's effects on Global Positioning System (GPS) signals in the auroral oval have led to numerous advances in how we understand the behavior of the high-latitude ionosphere. As our understanding has grown, so has the depth of our questions about how these kilometer-scale structures develop, and the effects they have on ground and aerial users."

Defense Visual Information Distribution Service

Thawing Permafrost is Shaping the Global Climate

A new publication and interactive map summarize the current state of knowledge on the risks posed by permafrost soils – and call for decisive action. How is climate change affecting the permanently frozen soils of the Arctic? What will the consequences be for the global climate, human beings, and ecosystems?

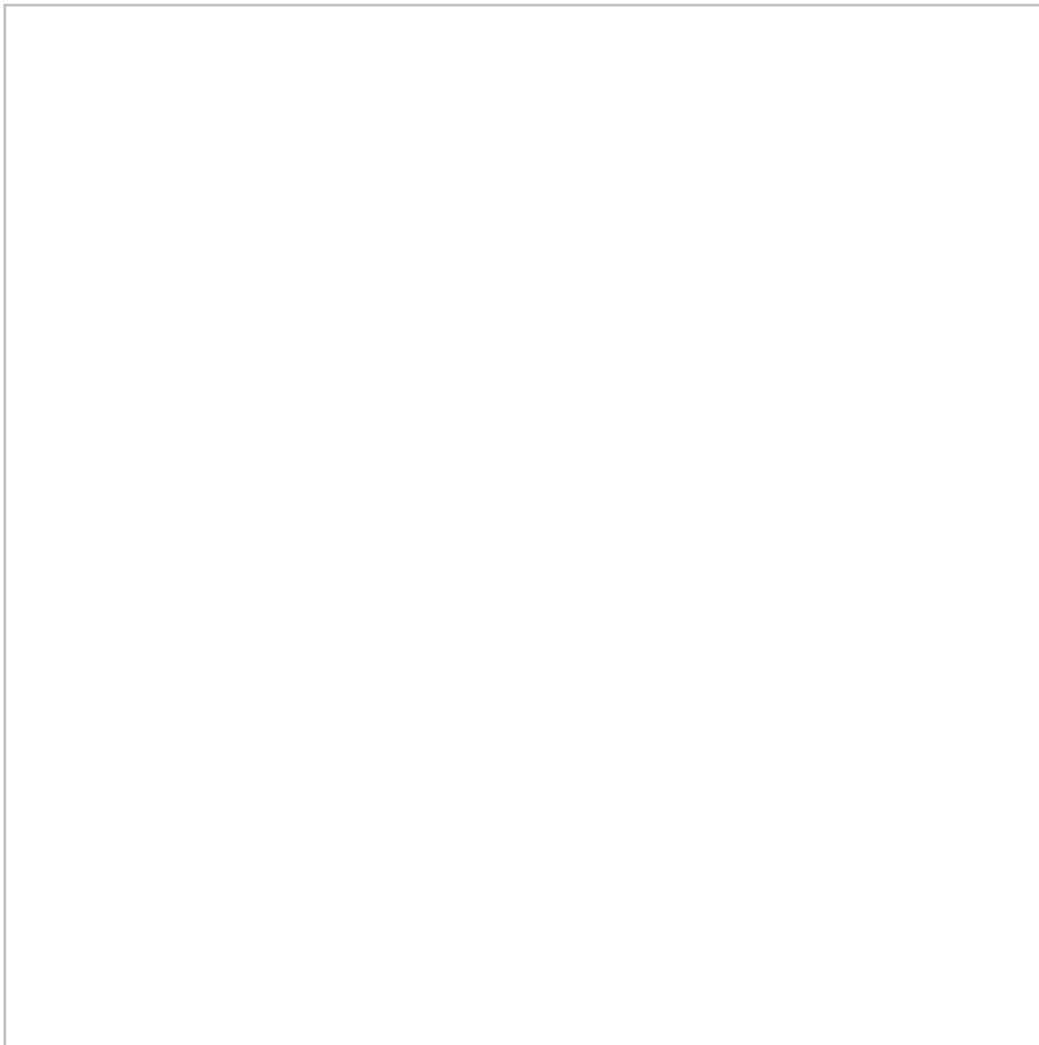
EurekAlert!

Ailing Oceans in State of 'Emergency', Says UN Chief



A long-delayed conference on how to restore the faltering health of global oceans kicked off in Lisbon on Monday, with the head of the UN saying the world's seas are in crisis. "Today we face what I would call an ocean emergency," UN Secretary General Antonio Guterres told thousands of policymakers, experts and advocates at the opening plenary, describing how seas have been hammered by climate change and pollution.

Phys.org



August 1-4, 2022 | Utqiagvik, Alaska USA

75th Anniversary of the Naval Arctic Research Laboratory: Celebrating the Past—Planning for the Future

The events during the week of August 1st, 2022, will include Enhancing Arctic Science and Engineering Workshop along with Regional Development Tours and forums on the Arctic science to plan for the next 25 years of Arctic research. Participants will include scientists and engineers, Indigenous leaders, Arctic community members, policymakers, government organizations and businesses to celebrate past research success, take stock of current challenges and opportunities and plan for the next generation of collaboration and knowledge co-production that will keep Utqiagvik and Indigenous knowledge at the forefront of Arctic science and contribute to a safe and sustainable future for

the Arctic.

[Event Link](#)

August 27-29, 2022 | Nuuk, Greenland
2022 Arctic Circle Greenland Forum

The Forum is organized in cooperation with Naalakkersuisut - The Government of Greenland. The Focus of the 2022 Greenland Forum will be on climate and prosperity; and, geopolitics and progress.

[Event Link](#)

October 13-16, 2022 | Reykjavík, Iceland
Arctic Circle Assembly

The Arctic Circle Assembly is an open democratic platform with participation from governments, organizations, corporations, universities, think tanks, environmental associations, indigenous communities, concerned citizens, and others. It is nonprofit and nonpartisan.

[Event Link](#)

October 25-27, 2022 Fairbanks, Alaska USA
US Arctic Research Commission's 115th Meeting

More information to follow.

October 28-30, 2022 Eatonville, Washington USA
Graduate Climate Conference

The Graduate Climate Conference (GCC) is an interdisciplinary climate conference run by graduate students, for graduate students. Over the last sixteen years, graduate students representing hundreds of academic institutions have come together to present research and share ideas on climate and climate change in an array of disciplines. Organizers welcome abstracts from diverse fields such as atmospheric sciences, biology, environmental management, forestry and fisheries sciences, oceanography, communication, public policy studies, urban planning, public health, and any other climate-related disciplines.

[Event Link](#)

December 12-16, 2022 Chicago, Illinois USA
AGU Fall Meeting

AGU Fall Meeting is the most influential event in the world dedicated to the advancement of Earth and space sciences. Every year, AGU Fall Meeting unites the Earth and space science community to share findings, connect like-minded scientists from around the world, and advance our profession and shared passion for the impact of science.

[Event Link](#)

[Permafrost Related Sessions](#)

March 6-10, 2023 Tokyo, Japan
Seventh International Symposium on Arctic Research (ISAR-7)

The International Symposium on Arctic Research (ISAR) has been held every two years since 2008 and aims to present and discuss scientific results with researchers on the Arctic from all-over the world, extracting and sharing issues to solve, and exploring the future of the Arctic. ISAR-7 will consist of General Sessions and Special Sessions. General Sessions will address the following topics: atmosphere; ocean and sea ice; rivers, lakes, permafrost, and snow cover; ice sheets, glaciers, and ice cores; terrestrial ecosystems; marine ecosystems; geospacer; laws, politics, and economy; language, culture, and health; and, engineering for sustainable

development.

Event Link



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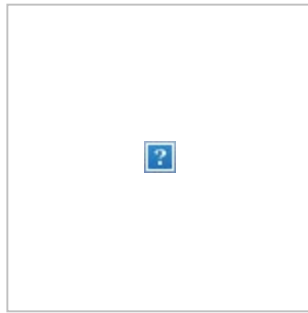
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<http://about.me/allenpope>

<http://www.twitter.com/PopePolar>

From: [Rack, Frank R.](#)
To: [OPP ARCTIC](#); [OPP RSL Staff](#)
Subject: FW: [EXTERNAL] - Fwd: Kenneth Toovak & Max Brewer Memorial Research Award
Date: Tuesday, August 9, 2022 4:47:22 PM
Attachments: [Kenneth Toovak & Max Brewer Memorial Research Award.pdf](#)

All,

For your information and for distribution to others as appropriate (see attached file).

This was announced at the NARL 75th Anniversary Workshop in Utqiagvik (Barrow) last week.

Best regards,

Frank

Frank R. Rack, Ph.D.
Program Manager
Research Support & Logistics (RSL)
Arctic Sciences Section, Office of Polar Programs (OPP), W7132
National Science Foundation
2415 Eisenhower Avenue
Alexandria, VA 22314
Tel: 703-292-2684 (direct)
Tel: 703-292-8029 (main)
[Email: frack@nsf.gov](mailto:frack@nsf.gov)

From: Benjamin Jones <bmjones3@alaska.edu>
Date: Tuesday, August 9, 2022 at 4:34 PM
To: Rack, Frank R. <frack@nsf.gov>, Delgado, Roberto <robdelga@nsf.gov>
Subject: [EXTERNAL] - Fwd: Kenneth Toovak & Max Brewer Memorial Research Award

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Kenneth Toovak & Max Brewer Memorial Research Award Announcement

----- Forwarded message -----

From: **Harcharek, Nagruk** <nagruk.harcharek@uiccs.com>
Date: Tue, Aug 9, 2022 at 6:12 AM
Subject: Kenneth Toovak & Max Brewer Memorial Research Award

To: Jana Peirce <jlpeirce@alaska.edu>, Kristina Baiborodova^{(b) (6)}
Benjamin Jones <bmjones3@alaska.edu>, Green, Erika <erika.green@uiccs.com>

Good morning,

Please see attached research award that can be shared.

Thank you,

Get [Outlook for iOS](#)

--



Benjamin M. Jones
Research Assistant
Professor
Institute of Northern
Engineering

**University of Alaska
Fairbanks**
1764 Tanana Loop
PO Box 755860
Fairbanks, AK 99775

[Research Webpage](#)
[Google Scholar Page](#)
P 907.230.3260
O 122 ELI Facility
E bmjones3@alaska.edu

From: Chase, Lura on behalf of (b) (6)
To: Hill, Erica; (b) (6)
Cc: (b) (6)
Subject: FW: [EXTERNAL] - Hybrid Subcommittee on Indigenous Knowledge Meeting
Start: Monday, January 30, 2023 3:30:00 PM
End: Monday, January 30, 2023 4:30:00 PM
Location: EEOB Rm 180A; (b) (4)

Are you planning to go to the WH part of this meeting?

From: "Goldman, Gretchen T. EOP/OSTP" (b) (6)
Subject: [EXTERNAL] - Hybrid Subcommittee on Indigenous Knowledge Meeting

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Update 1/13/22: Hybrid Meeting and optional social event confirmed. If you would like to join this meeting in person at the White House complex, please fill out this rsvp form <<https://events.whitehouse.gov/AppointmentRsvpForm?rid=VDJWH7KX92>> by COB Wednesday, January 25.

No-host social event will be at Kellari Taverna, 1700 K Street, 5 pm, where our Subcommittee will be joined by the National Nature Assessment Interagency Advisory Committee.

Update 12/22/22: Please hold this time for a special hybrid meeting of the NSTC Subcommittee on Indigenous Knowledge with the option for DC-area-based people to come to the White House complex in-person and optional social event after. Details TBA.

Update 12/9/22: Changing our group name from Interagency Working Group on Indigenous Traditional Ecological Knowledge (IWG-ITEK) to the National Science and Technology Council (NSTC) Subcommittee on Indigenous Knowledge, consistent with our 11/30 OSTP-CEQ Memorandum on Indigenous Knowledge Guidance Implementation. <<https://www.whitehouse.gov/wp-content/uploads/2022/12/IK-Guidance-Implementation-Memo.pdf>>

Updated: Relevant links and materials:

- * Subcommittee on IK Max page <<https://community.max.gov/pages/viewpage.action?pageId=2248619585>>
- * Federal Guidance on Indigenous Knowledge <<https://www.whitehouse.gov/wp-content/uploads/2022/12/OSTP-CEQ-IK-Guidance.pdf>>
- * OSTP-CEQ Guidance Implementation Memorandum <<https://www.whitehouse.gov/wp-content/uploads/2022/12/IK-Guidance-Implementation-Memo.pdf>>
- * OSTP-CEQ Memorandum on Indigenous Traditional Ecological Knowledge <<https://www.whitehouse.gov/wp-content/uploads/2021/11/111521-OSTP-CEQ-ITEK-Memo.pdf>>
- * Readout of Tribal, Indigenous, and Public Engagement on Guidance Development <<https://www.whitehouse.gov/ostp/news-updates/2022/06/27/readout-ostp-and-ceq-initial-engagement-on-white-house-indigenous-knowledge-effort/>>
- * Guidance Press Release <<https://www.whitehouse.gov/ostp/news-updates/2022/12/01/white-house-releases-first-of-a-kind-indigenous-knowledge-guidance-for-federal-agencies/>>

<<https://zoom.us/>>

Hi there,

Gretchen Goldman | OSTP (she/her) is inviting you to a scheduled ZoomGov meeting.

Join Zoom Meeting (b) (4)

One tap mobile:

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For higher quality, dial a number based on your current location.

Dial:

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Meeting ID:

(b) (4)

Passcode:

(b) (4)

International numbers (b) (4)

Join from an H.323/SIP room system

H.323:

(b) (4) (US West)
(b) (4) (US East)

Meeting ID:

(b) (4)

Passcode:

(b) (4)

SIP:

(b) (4)

Passcode:

(b) (4)

From: [Rack, Frank R.](#)
To: [Strawhacker, Colleen](#); [Hill, Erica](#)
Cc: [Rack, Frank R.](#)
Subject: FW: [EXTERNAL] - Module 1 and 2 rewrite/drafts
Date: Tuesday, July 5, 2022 1:20:35 PM
Attachments: [Working MODULE 1 SCRIPT FLOW v4.docx](#)
[Working MODULE 2 SCRIPT V4 RE Edits.docx](#)

Erica and Colleen,

Here is the message we received from (b) (6) who is working with Battelle-ARO on the LMS modules. I'll send you a separate message with some of the concerns that we related to them in our prior meeting, as well as some of the proposed modifications we are suggesting.

Best regards,

Frank

Frank R. Rack, Ph.D.
Program Manager
Research Support & Logistics (RSL)
Arctic Sciences Section, Office of Polar Programs (OPP), W7132
National Science Foundation
2415 Eisenhower Avenue
Alexandria, VA 22314
Tel: 703-292-2684 (direct)
Tel: 703-292-8029 (main)
[Email: frack@nsf.gov](mailto:frack@nsf.gov)

From: (b) (6)
Date: Thursday, June 16, 2022 at 3:29 AM
To: Rack, Frank R. <frack@nsf.gov>, (b) (6)
(b) (6), Crain, Renee D. <rcrain@nsf.gov>, Ruck, Kate E.
<kruck@nsf.gov>, (b) (6)
(b) (6)
(b) (6) >
Subject: [EXTERNAL] - Module 1 and 2 rewrite/drafts

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Team,

I hope you are all well.

Attached are the mostly completed redrafts for module 1 and 2. Some notes-

(b) (4)

(b) (4)

Please excuse typos, grammar and my poor spelling- these are not drafts for print at this point but rather indicative drafts for discussion. There will be gaps and mistakes at this stage.

(b) (4) These discussions took place yesterday and today so I have not had time to incorporate the suggestions into the new draft, but I look forward to doing that asap. I will forward it along once I have done so.

(b) (4) It would be great to get a check off/approval from the group on this module if there are no changes?

The last thing to discuss is the proposed new timeline below. Could you all please take a look at the new timeline and see if the dates work on your ends? (b) (4)

The proposed new timeline for project delivery below. Please note this may be best thought of as the duration of time for each milestone as it would give us some flexibility if needed. However, as much as possible I'd like to stick to this schedule if it worked for the group. (b) (4)




(b) (4)

(b) (4)



Finally, I apologize for not getting module 1 and 2 back to you sooner as planned, Covid has put a bit of pressure on our schedule. My apologies also for not being able to send completed drafts for Friday's session. I would have preferred to have a more polished draft to send but feel it is important for the group to get their eyes across the changes sooner rather than later.

It is a lot for the group to review before Friday's meeting. I am happy to proceed with Friday's meeting or also happy to move it to early next week which would give the group more time to review the scripts. (b) (4)



What is the group's preference?

Many thanks,

(b) (6)



From: [Delgado, Roberto](#)
To: [OPP ARC Program Officers](#)
Cc: [OPP Communications](#)
Subject: FW: [EXTERNAL] - new Oceanography paper-DBO included
Date: Monday, May 2, 2022 9:57:36 AM
Attachments: [Danielson_Grebmeier_etal Oceanography 2022.pdf](#)

Hi, Team

Please see attached for a recent article in Oceanography featuring several OPP/ARC-supported observing projects (e.g., Beaufort Gyre, Beaufort LTER, Bering Strait, DBO, Western Arctic Boundary, etc.). These and other highlighted efforts combine community-based sampling, autonomous sampling systems, and vessel-based sampling.

Roberto

From: "Grebmeier, Jacqueline" <jgrebmei@umces.edu>
Date: Saturday, April 30, 2022 at 9:22 AM
To: "Delgado, Roberto" <robdelga@nsf.gov>
Subject: [EXTERNAL] - new Oceanography paper-DBO included

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Roberto,

Attached is a new Oceanography paper by Seth Danielson, myself and other about collaborative observing programs in the Alaskan Arctic, including the DBO. Thought you might like a copy. The cover is from our DBO_CEO cruise on the Sikuliaq last November.

Cheers,
Jackie

From: [Frink, Liam](#)
To: [Hill, Erica](#)
Subject: FW: [EXTERNAL] - NSF RAPID proposal - (b) (4)
Date: Friday, November 4, 2022 9:19:44 AM
Attachments: (b) (4)

From: (b) (6)
Sent: Monday, October 31, 2022 1:40 PM
To: Frink, Liam <lfrink@nsf.gov>
Cc: (b) (6)
Subject: [EXTERNAL] - NSF RAPID proposal - (b) (4)
(b) (4)

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi, Dr. Frink.

My colleague (b) (6) and I would like your thoughts on a RAPID proposal focused on (b) (4). I know that you and (b) (6) have been trying to connect, and we wanted to share our draft proposal with you.

Our research group has a long-standing commitment to research for impacted Alaska communities, and our current (b) (6) focused on (b) (4).

(b) (6)

[Redacted content]

These connections aside, (b) (6) and I would appreciate your thoughts on the quickly

(b) (4)

(b) (4) Our draft proposal is attached and our (b) (4)

Unfortunately, I'm in transit on Thursday when you and (b) (6) are scheduled to talk.

I could connect on Friday morning, if that time was available.

Thank you in advance for your time, and for your thoughts on our proposal. We know that (b) (4)

(b) (4) and we'd like to move forward, if possible.

Best wishes,

(b) (6)



From: [Ruck, Kate E.](#)
To: [Hill, Erica](#)
Subject: FW: [EXTERNAL] - questions regarding (b) (4) proposal - (b) (6) and NSF suggested timing
Date: Wednesday, September 14, 2022 6:23:16 PM

Hey Erica!

The contractor asked about the below. When you'd get back I'd like to chat about this one once you've settled.

Thanks!

Kate

From: (b) (6)
Sent: Thursday, September 8, 2022 7:40 AM
To: (b) (6)
Subject: RE: [EXTERNAL] - questions regarding (b) (4) proposal

Hi all,

(b) (6) what are your thoughts on planning fieldwork for fall 2023? Think it is possible given the timeline suggested by NSF and with when your budgets are calculated?

Thanks,

(b) (6)

(b) (6)

From: (b) (6)
Sent: Wednesday, September 7, 2022 2:05 PM
To: (b) (6)
Subject: RE: [EXTERNAL] - questions regarding (b) (4) proposal

It doesn't seem like Sept 2023 helps much if you still want to do any field work in 2023 since (b) (4) [redacted] and they have to get their share into the budget by this January?

(b) (6) [redacted]

=====
(b) (6) [redacted]

From: (b) (6) [redacted]

Sent: Wednesday, September 7, 2022 11:58 AM

To: (b) (6) [redacted]

Subject: FW: [EXTERNAL] - questions regarding (b) (4) [redacted] proposal

H (b) (6) [redacted] ...

I am sure you've all seen Erica's email below. (b) (4) [redacted]

(b) (4) [redacted]

(b) (4) [redacted]

(b) (4) [redacted], I wanted to get your thoughts?

(b) (6) [redacted]

(b) (6)

From: Hill, Erica <erhill@nsf.gov>

Date: Tuesday, September 6, 2022 at 2:06 PM

To: (b) (6)

Cc: Frink, Liam <lfrink@nsf.gov>

Subject: Re: [EXTERNAL] - questions regarding (b) (4) proposal

****External Sender****

Hi (b) (6) I'm on my way out the door on some travel, so here are some quick responses.

(b) (4)

(b) (4)

Ethics board members—if they are not senior personnel, then no biosketches are needed. It's a good plan to have them submit letters of collaboration, as you indicate. I also recommend discussing their contributions in the project narrative.

The personnel you outline in your email sound like a very impressive group. The key issue is to have an ethicist on board, which it sounds like you do. The position in the ethics program at NSF is currently being filled, so there isn't anyone available to meet with just now.

I'm back in the office Sept 19, and we can check in sometime after that, if you'd like. I'm also planning to attend Arctic Circle in Reykjavik in October, and would love to meet up with any of your team members who will be there.

Take care,
Erica

Erica Hill, PhD
Program Officer, Arctic Social Sciences
National Science Foundation

Office: 703.292.4521

Arctic Research Funding Opportunities ([NSF 21-526](#)) no deadline

Arctic Dissertation Research Grants ([NSF 20-597](#)) Next Deadline: December 15, 2022

OPP-Postdoctoral Fellowships ([NSF 21-516](#)) Next Deadline: February 6, 2023

From: (b) (6)

Date: Friday, September 2, 2022 at 5:49 PM

To: (b) (6)

[Redacted]

[Redacted]

Subject: [EXTERNAL] - questions regarding (b) (4) proposal

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Erica ...

(b) (6) and I have been working with our project development and grants specialist ((b) (6) on our (b) (4) proposal. There are a few questions we need assistance with.

- (b) (6)
[Redacted]

(b) (6)
[Redacted]

(b) (6) [Redacted]

(b) (6) [Redacted]

- (b) (6) [Redacted]

- Can you please advise us on what kind of information is needed for the members of our Ethics Advisory Board? They are not considered key personnel. Do we need biosketchs from them? Or some kind of other documentation about their expertise. We will receive letters of commitment from them to submit with the proposal.

- (b) (6) [Redacted]

Thank you for you assistance.

(b) (6) [Redacted]

(b) (6) [Redacted]

(b) (6)



From: [Delgado, Roberto](#)
To: [Hill, Erica](#); [Frink, Liam](#)
Subject: FW: [EXTERNAL] - RAPID Inquiry
Date: Friday, February 3, 2023 3:24:31 PM
Attachments: [RAPID-CPR.docx](#)

Hey, ASSP POs.

I'm not sure if (b) (6) has also reached out to one or both of you re: a proposed RAPID on (b) (4) (see below and attached). Before I respond, I'd appreciate any thoughts you have, particularly if there could be a path forward via ASSP or perhaps another NSF program? For example, based on its description (and unless I'm completely misinterpreting), Decision, Risk, and Management Sciences ([DRMS](#)) "sounds" like a potential fit:

Supports research that increases understanding of how individuals, organizations and societies make decisions. Areas include judgment, decision analysis and aids, risk analysis and communication, public policy decision making, and management science.

And from the opening of the DRMS synopsis:

The Decision, Risk and Management Sciences Program (DRMS) supports scientific research directed at increasing understanding and effectiveness of decision making by individuals, groups, organizations and society. DRMS supports research with solid foundations in theories and methods of the social and behavioral sciences. This social and behavioral science research should advance knowledge, address fundamental scientific and societal issues and have strong broader impacts.

Let me know what you think! Thanks,
R-

--

Roberto A Delgado Jr, PhD
National Science Foundation
2415 Eisenhower Avenue
Alexandria VA 22314 – USA

E-mail: robdelga@nsf.gov
Tel: 1.703.292.2397 / Mob: 1.703.342.8732

From: (b) (6)
Date: Friday, February 3, 2023 at 2:46 PM
To: "Delgado, Roberto" <robdelga@nsf.gov>
Subject: [EXTERNAL] - RAPID Inquiry

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Roberto,

Hope all is well. I am writing to you to solicit your advice on a RAPID project idea that I think has relevance for multiple OPP programs, as well as NNA. (b) (4)

Thank you very much,

(b) (6)

--

(b) (6)

From: [Delgado, Roberto](#)
To: [Hill, Erica](#)
Subject: FW: [EXTERNAL] - Time to meet
Date: Thursday, April 21, 2022 9:53:07 AM
Attachments: (b) (4)

FYI

From: (b) (6)
Date: Thursday, April 14, 2022 at 1:46 PM
To: "Delgado, Roberto" <robdelga@nsf.gov>
Cc: (b) (6)
Subject: [EXTERNAL] - Time to meet

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Roberto,

I hope you're doing well! I know things were busy in March with AOS and ASSW activities - hope things have slowed down a bit for you.

Things are moving along well for (b) (4)

(b) (4) Let me know if you would like to continue to receive these -- although maybe they will make the year end reports feel a bit repetitive. Happy to share them or not based on your preference!

I'm wondering if we could find a time to meet to discuss a potential supplemental funding request. Based on feedback from our partners, (b) (4)

Would you be willing to chat about this sometime in the coming weeks?

Best,

(b) (6)

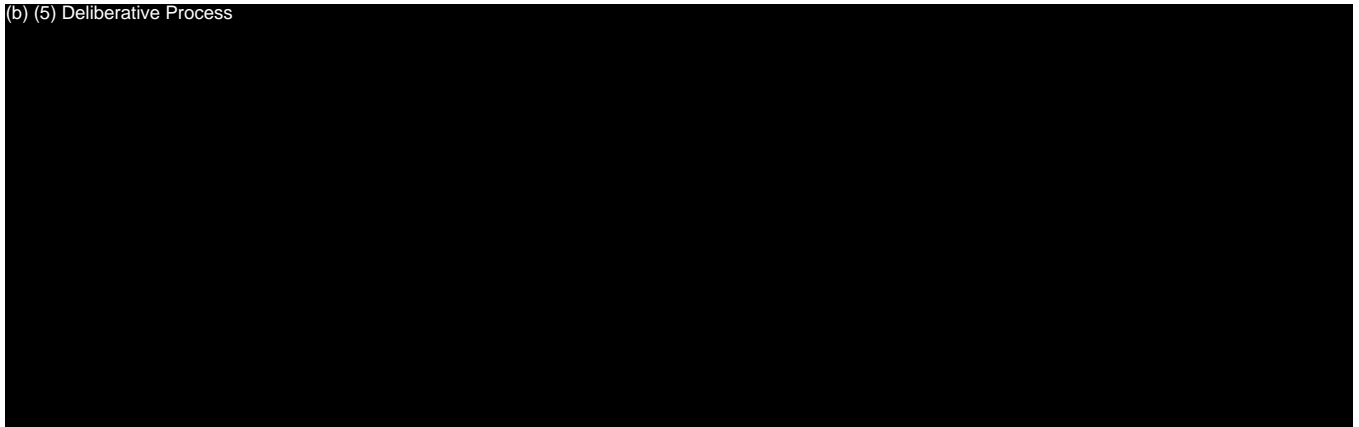
(b) (6)



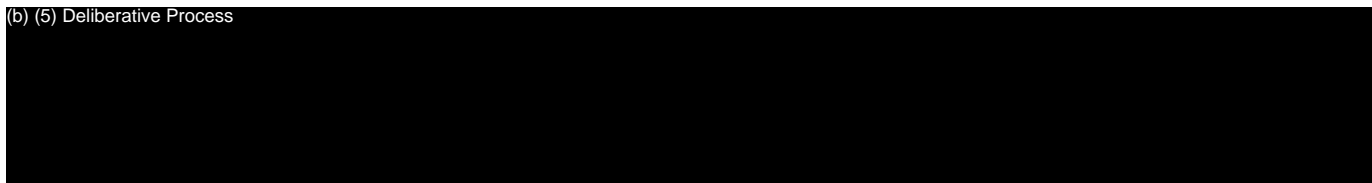
From: Hill, Erica
To: [Mantz, Jeffrey](#)
Subject: FW: "For Comment" version of the NSF Proposal & Award Policies & Procedures Guide published in the Federal Register
Date: Thursday, April 13, 2023 10:56:03 AM

Hi Jeff, I just received this notification from Jermelina Tupas about proposed additions to the PAPPG regarding tribal nations.

(b) (5) Deliberative Process



(b) (5) Deliberative Process



Erica Hill, PhD
Program Officer, Arctic Social Sciences
Arctic Sciences Lead, OPP Post-Doctoral Fellowship Program
Office of Polar Programs, GEO
National Science Foundation

Office: 703.292.4521

Arctic Research Opportunities ([NSF 23-572](#)) Target dates: July 17 and Jan 16, 2024

Arctic Dissertation Research Grants ([NSF 20-597](#)) Next Deadline: May 15, 2023

OPP-Postdoctoral Fellowships ([NSF 22-635](#)) Next Target Date: February 5, 2024

From: "Tupas, Jermelina" <jtupas@nsf.gov>

Date: Thursday, April 13, 2023 at 10:31 AM

To: NSF-Interest Group for Indigenous Communities <NSF-IGIC@nsf.gov>

Subject: RE: "For Comment" version of the NSF Proposal & Award Policies & Procedures Guide published in the Federal Register

Dear colleagues,

I hope you are all doing well. NSF has released a draft version of the Proposal & Award Policies & Procedures Guide [Proposal & Award Policies & Procedures Guide \(PAPPG\) \(NSF 24-1\)](#) a notice today in the [Federal Register](#) is requesting comments.

Could you share these with those who may be interested and also could reach out to Tribal communities as the changes outlined below (and attached) may impact Tribal interests? We will also be reaching out to Tribal leadership so they can provide comments on these sections.

Please send this out to your PIs and other Indigenous researchers you may know, so we can gather comments and improve this section.

- Chapter I, [Section E.5 \(page I-6\)](#), on who may submit proposals to receive NSF funding for research and education in STEM – the 2023 PAPPG contained new language which specifies that Tribal Governments are eligible to submit proposals to NSF. The 2024 proposed PAPPG replaces the term “Tribal Government” with the term “Tribal Nation” and the relevant statutory definition has been added.

(c) Tribal Nations The term “Tribal nation” means an American Indian or Alaska Native tribe, band, nation, pueblo, village, or community that the Secretary of the Interior acknowledges as a federally recognized tribe pursuant to the Federally Recognized Indian Tribe List Act of 1994, 25 U.S.C. §5130, §5131

- Chapter II, [Section E.10 \(page II-43\)](#), **Seeking and Obtaining Tribal Nation Permission for Proposals that May Impact Tribal Resources or Interests** – This is a new PAPPG section that establishes the policy and instructional guidance for Principal Investigators (PIs) in cases where a proposal may impact the resources or interests of a federally recognized American Indian or Alaska Native Tribal Nation (Tribal Nation). NSF funding for a proposal that includes an activity that requires prior approval from a Tribal Nation or Tribal Nations **will not be awarded** until the required documented approval from the relevant Tribal Nation(s) has been submitted to NSF.

10. Seeking and Obtaining Tribal Nation Permission for Proposals that May Impact Tribal Resources or Interests Prior to submission of a proposal that may impact the resources or interests of a federally recognized American Indian or Alaska Native Tribal Nation (Tribal Nation), PIs must: a. Seek guidance from the potentially impacted Tribal Nation(s) regarding what activities/activity require(s) review and prior approval from the Tribal government(s) or authorized designee(s) of the Tribal

government(s); and b. Based on the guidance received, submit a written request to the relevant Tribal Nation(s), or the authorized designee(s) of the Tribal Nation(s), for approval to carry out the proposed activities/activity that require(s) Tribal review and approval. Examples of such activities may include, but are not limited to, the following: • the participation of Tribal citizens in research as collaborators/consultants/subject matter experts pertinent to a specific Tribal Nation; • the participation of Tribal citizens as human subjects in a study (note that this type of proposal may also require a separate Tribal IRB); • carrying out studies or research on Tribal reservations, territories, and other locations where Tribes have legally protected rights to resources or to engage in activities; and using Indigenous knowledge or Tribally controlled information or data in research. c. Any proposal for NSF funding that may impact Tribal resources or interests must: (i) Check the box on the Cover Sheet entitled “Potential Impacts on Tribal Nations” if, pursuant to the above, the proposal may impact the resources or interests of a Tribal Nation. Please note that simultaneously submitted collaborative proposals and proposals that include subawards are a single unified project and, as such, the lead organization is responsible for checking the box on the Cover Sheet, if applicable. (ii) Include one of the following: (a) a copy of the written request to the relevant Tribe(s) to carry out any proposed activities/activity that require(s) prior approval from the Tribal Nation(s); (b) written confirmation from the Tribal Nation(s) that review and approval is not required; (c) written permission from the Tribal Nation(s) to engage in an initial phase for planning collaboratively; or (d) a copy of a document from the relevant Tribal Nation(s) that provides the requisite approval. All such documentation must be included as an “Other supplementary document” in Research.gov. d. NSF funding for a proposal that includes an activity that requires prior approval from a Tribal Nation or Tribal Nations will not be awarded until the required documented approval from the relevant Tribal Nation(s) has been submitted to NSF. e. An exception to this requirement may occur when the proposal includes an initial phase for planning collaboratively with the tribe(s). However, under this exception, subsequent phases may not proceed until written prior approval from the Tribal Nation(s) is submitted to the cognizant NSF program officer.

- Chapter II, Section D.2.i (page II-34), **Special Information and Supplementary Documentation on Federal Environmental Statutes** – This section now cross-references the above requirement.

(iv) Federal Environmental Statutes. In order for NSF to comply with Federal Environmental Statutes (including, but not limited to, the National Environmental Policy Act (42 USC §4321, et seq.)), the National Historic Preservation Act (54 USC §306108 [previously codified at 16 USC §470, et seq.], and the Endangered Species Act (16 USC §1531, et seq.)), the proposer may be requested to submit supplemental post-proposal submission information to NSF in order that a reasonable and accurate assessment of environmental impacts by NSF may be made. The types of information that may be requested are shown in the Organization Environmental Impacts Checklist. If Tribal resources or interests may be impacted by proposed research, the proposer must follow the requirements set forth in Chapter II.E.10, related to seeking and obtaining permission from the potentially impacted Tribal Nation(s) in accordance with the directives of each such Tribal Nation

We are soliciting your comments on the draft PAPPG through the end of the day on **June 12, 2023**.

You may comment via the following two methods:

- Comments may be submitted directly through the above Federal Register link by clicking on the green button, "Submit a Formal Comment."
- Tribal Leaders or their designees may email comments directly to policy@nsf.gov.

NSF is offering office hours to discuss these policy changes:

If you or your designee would like to discuss the proposed policy changes with NSF, you are invited to attend NSF virtual office hours for Tribal Nations on Wednesdays and Thursdays in May, between 4:00pm-5:00pm Eastern (12-1pm Alaska/1-2pm Pacific/2-3pm Mountain/3-4pm Central). Please register at:

<https://nsf.zoomgov.com/meeting/register/vJlscuGoqj0qErTEIYVUjiY6KZDKLo5B9QA>

Thank you very much for your help on this matter.

Best,

Jermelina

Jermelina Tupas, PhD
Deputy Division Director
Division of Equity for Excellence in STEM
Directorate for STEM Education
National Science Foundation

From: Feldman, Jean I. <jfeldman@nsf.gov>

Sent: Thursday, April 13, 2023 9:01 AM

To: NSF Leadership Team <nsf-leadership-team@nsf.gov>; NSF Division Directors <divdir@nsf.gov>; NSF Program Officers <progoff@nsf.gov>; NSF AMG <amg@nsf.gov>; NSF AO/OS <aos@nsf.gov>; NSF Deputy Division Directors <depdir@nsf.gov>; BFA ALL <BFAALL@nsf.gov>; OGC All <OGC_All@nsf.gov>; DIS ALL <dis-all@nsf.gov>; DAS Staff <dasstaff@nsf.gov>; BFA BPLG <bfabplg@nsf.gov>

Cc: Feldman, Jean I. <jfeldman@nsf.gov>

Subject: "For Comment" version of the NSF Proposal & Award Policies & Procedures Guide published in the Federal Register

Dear Colleagues:

NSF published announcing the availability of the "[For comment](#)" [draft of the Proposal & Award Policies & Procedures Guide \(PAPPG\) \(NSF 24-1\)](#). We are soliciting Directorate/Office comments on the draft PAPPG until **cob June 12, 2023**. Please note

that all comments should be coordinated through the applicable Assistant Director/Office Head's office.

To facilitate review, revised text has been highlighted in yellow throughout the document and explanatory comments have been included in the margins, where appropriate.

Any questions should be directed to the Policy Office at policy@nsf.gov.

Best,

Jean

Jean Feldman
Head, Policy Office
Division of Institution & Award Support (DIAS)
Office of Budget, Finance and Award Management
National Science Foundation

From: [Pope, Allen James](#)
To: [OPP ARCTIC](#)
Subject: FW: 3/11/21 Webinar: The Biden-Harris Administration's Initiative to Elevate Indigenous TEK in Federal Decision-making
Date: Tuesday, February 22, 2022 2:43:39 PM

Sharing along from Dave Sutherland in case others are interested:

--

Dr. Allen Pope (he/him)
Program Director for Polar Cyberinfrastructure

[Arctic Research Opportunities](#) | [Antarctic Research](#) | [Cyberinfrastructure for the Geosciences – Opportunities](#) |
Supplements: [INTERN](#), [Career-Life Balance](#), [REU](#) | [Facilitation Awards for Scientists and Engineers with Disabilities \(FASED\)](#) | [Mid-Career Advancement](#)

From: "Sutherland, David A." <dasuther@nsf.gov>
Date: Tuesday, February 22, 2022 at 12:06 PM
To: "Walker, Beverly J" <bwalker@nsf.gov>, "Pope, Allen James" <apope@nsf.gov>
Subject: FW: 3/11/21 Webinar: The Biden-Harris Administration's Initiative to Elevate Indigenous TEK in Federal Decision-making

Hi y'all,

Thought I'd pass along this interesting sounding webinar, in case anyone from the OPP BA-JEDI (or GEO) group is interested. Or maybe we organize something similar here at NSF. Cheers,

Dave

From: Dave Sutherland <dsuth@uoregon.edu>
Date: Tuesday, February 22, 2022 at 8:43 AM
To: Sutherland, David A. <dasuther@nsf.gov>
Subject: [EXTERNAL] - Fwd: [Escorefac] 3/11/21 Webinar: The Biden-Harris Administration's Initiative to Elevate Indigenous TEK in Federal Decision-making

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

The [Ecological Society of America](#) is hosting a webinar series on Indigenous TEK, and the next webinar on 3/11/22 at 9 am Pacific features UO Alum Haley Case-Scott, Junior Policy Advisor at the White House Office of Science and Technology Policy. Please share with students and others who may be interested.

The Biden-Harris Administration's Initiative to Elevate Indigenous TEK in Federal Decisionmaking

March 11, 2022 at 9 am Pacific.

https://esa.zoom.us/webinar/register/WN_aYeaJGmQpG29W8tdWQBWw

The ESA Traditional Ecological Knowledge Section is hosting a webinar series to facilitate a virtual space to welcome and hear from Indigenous voices who work to help sustain and nurture TEK within their communities. The speakers share tools, processes and practices they have learned through activities that work for them in their journey to utilize TEK.

In these times of uncertainty, the TEK Section recognizes the importance of sharing Indigenous knowledge with our ESA community so that valuable lessons of reclaiming Indigenous languages, culture and traditions can be shared in a way to create better understanding of TEK. It's an opportunity for Indigenous thought leaders to share their wisdom, knowledge and experiences with the ESA community to reflect on questions arising within the western scientific community of how we build an emerging space that honors and respects both Ways of Knowing.

Join this presentation featuring Gretchen Goldman from the White House Office of Science and Technology Policy and Haley Case-Scott, a junior policy advisor at OSTP. [Register here](#).



Next TEK Section Webinar
Friday, March 11, 2022 @ 12pm EST



**TITLE: The Biden-Harris Administration's Initiative to Elevate
Indigenous TEK in Federal Decision-making**



Gretchen Goldman, Assistant Director for
Environmental Science, Engineering, Policy, and
Justice at White House Office of Science and
Technology Policy



Haley Case-Scott, Junior Policy Advisor at
the White House Office of Science and
Technology Policy

escorefac mailing list
escorefac@lists.uoregon.edu
<https://lists.uoregon.edu/mailman/listinfo/escorefac>

From: [Tupas, Jermelina](#)
To: [Hill, Erica](#); [Strawhacker, Colleen](#); [Delgado, Roberto](#)
Subject: FW: For Review, By 3pm 10/7, Tribal Consultation Standards PM (Predecisional; Do Not Disclose) [Contains CUI]
Date: Tuesday, October 4, 2022 9:01:07 PM
Attachments: [EA Circulation List -- Tribal Consultation Standards PM -- Oct 2 2022.docx](#)
[Tribal Consultation Standards PM -- draft 10.01.22 for interagency.docx](#)

CUI
CLOSE HOLD

CLOSE HOLD

Hi Erica, Colleen, and Roberto

Will you be able to provide feedback on the Tribal Consultation Standards? If you can, and if possible, can you consolidate your feedback into one document and send me the consolidated feedback by COB Thursday, Oct 6, 2022, so I can add the other feedback I am collecting? There are only 6 pages. If you cannot, that's all right, I know this is such a short turnaround time- Please do not share with others not in this email- this is pre-decisional.

If you can, please let me know who I should follow up with for the consolidated response.

Thank you.

Jermelina

Jermelina Tupas, PhD
Deputy Division Director
Division of Human Resource Development
Directorate for Education and Human Resources
National Science Foundation

From: Sarris, Christina M. <CSARRIS@nsf.gov>
Sent: Monday, October 3, 2022 8:39 AM

To: Moore, James L. <jamoore@nsf.gov>; Butterfield, Sylvia <smbutter@nsf.gov>; Elder, Diana <delder@nsf.gov>; Tupas, Jermelina <jtupas@nsf.gov>; Blanco, Caroline M <cblanco@nsf.gov>
Cc: Hahs, Ona <ohahs@nsf.gov>; Sarris, Christina M. <CSARRIS@nsf.gov>
Subject: FW: For Review, By 3pm 10/7, Tribal Consultation Standards PM (Predecisional; Do Not Disclose) [Contains CUI]

CUI

Drs. Moore, Butterfield, Elder, and Tupas and Caroline:

Attached please find a draft Presidential Memorandum on Uniform Standards for Tribal Consultation. Please kindly send any comments by Friday October 7, at 10 am, so that OGC may coordinate all feedback before submitting to OMB. Also, if you think the document should be circulated to others within NSF, please kindly advise.

Thank you,
Christina Sarris
NSF Office of the Director

From: MBX OMB Executive Orders <MBX.OMB.ExecutiveOrders@omb.eop.gov>
Sent: Sunday, October 2, 2022 8:30 PM
To: MBX OMB Executive Orders <MBX.OMB.ExecutiveOrders@omb.eop.gov>
Cc: Jacobson, Daniel F. EOP/OMB <Daniel.F.Jacobson@omb.eop.gov>; Garg, Arpit K. EOP/OMB <Arpit.K.Garg@omb.eop.gov>; Walsh, Heather V. EOP/OMB <Heather.V.Walsh@omb.eop.gov>; Upadhyaya, Shraddha A. EOP/OMB <Shraddha.A.Upadhyaya@omb.eop.gov>; Apecechea, Alejandra EOP/OMB <Alejandra.Apecechea@omb.eop.gov>; Callahan, Sam F. EOP/OMB <Samuel.F.Callahan@omb.eop.gov>; Amos, Michaela J. EOP/OMB <Michaela.J.Amos@omb.eop.gov>
Subject: [EXTERNAL] - For Review, By 3pm 10/7, Tribal Consultation Standards PM (Predecisional; Do Not Disclose)

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Colleagues,

I am writing to request your agency's review of the attached Presidential Memorandum titled "Uniform Standards for Tribal Consultation." A circulation list is also attached.

We are requesting your review of this draft Presidential Memorandum **no later than 3pm on Friday, October 7th, 2022.**

Please provide your comments, edits, and any questions to the OMB Executive Order email address at mbx.omb.executiveorders@omb.eop.gov or simply reply to this email by the time specified above. If you do not have any comments, please let us know that also.

Best,

Office of the General Counsel
Office of Management and Budget
MBX.OMB.ExecutiveOrders@omb.eop.gov

(b) (6)

Cc: (b) (6)

Subject: IARPC Action Request: Draft AON report Due Sept 19

Dear IARPC Staff Group Points of Contact,

Please submit your comments on the attached Draft AON Report to Congress. We are requesting comments via the attached spreadsheet; please send to Xoco Shinbrot (xshinbro@nsf.gov) with a cc to me at bwalker@nsf.gov by close of business on Monday, Sept 19.

We will track all agency input via the comment's spreadsheet. When reviewing this first order draft please pay particular attention to the following questions:

1. Do the key messages best reflect the report?
2. What is extraneous, missing, unclear or needs emphasis within the report?
3. What should be highlighted at the principals meeting?
4. A reminder that the recommendations are *in draft form*, and we welcome agency input on this topic.

Below for your reference is a list of the writing team members, should you wish to connect within your Agency on any questions you may have.

IARPC POCs and IARPC Principals reviewed and approved the document outline and the US AON Board iterated with the writing teams to create the draft you are reviewing. Below are upcoming dates within the review process.

Sept 28 – Oct 12: IARPC POCs will be asked to review a revised draft

Oct 19: The report will be sent to IARPC Principals for review (comments due **Nov 2**)

Nov 16: The document will begin OSTP review and clearance process

We thank you in advance for your feedback and welcome you to reach out with any comments, questions, concerns you wish to discuss prior to submitting your Agencies input.

Cheers,
~Beverly

Beverly Walker
(she/her)

Science Analyst
Office of Polar Programs
National Science Foundation

--

Executive Secretary
Interagency Arctic Research Policy Committee
(IARPC)

703.292.2614

AON Report Writing Team members		
Agency	Representative	Email
NSF	Roberto Delgado	robdelga@nsf.gov
NSF	Xoco Shinbrot	xshinbro@nsf.gov
NSF	Olivia Lee	olee@nsf.gov
NOAA	David Allen	(b) (6)
NOAA	Sandy Starkweather	
NOAA	Kelley Uhlig	
NOAA	Cynthia Garcia	
NASA	Thorsten Markus	
NASA	Kaitlin Harbeck	
HUD	Chad Stovall	
DOD	Scott Harper	
DOD	Kelly Reese	
DOD	Maj Joshua Martin	
DOD	Maj Philip Bachmeyer	(b) (6)
DOD	Dr Stephen Dornbos	
DOI (BOEM)	Cathy Coon	
DOI (USGS)	Dee Williams	
EPA	Brian Melzian	
Smithsonian Institute	Igor Krupnik	
OSTP/AESC	Raychelle Daniel	

(b) (6)

Cc: Delgado, Roberto <robdelga@nsf.gov>, (b) (6)

(b) (6)

Shinbrot, Xoco

<xshinbro@nsf.gov>

Subject: IARPC: AON Report Final Draft

Dear IARPC POCs,

Following up on yesterday's Staff Group meeting, the AON Report writing team and co-chairs again want to extend a sincere thank you for all the work that your agencies have done to review and provide feedback on the AON Report draft. The report is stronger and more comprehensive thanks to your efforts.

We are pleased to share with you an updated draft of the 2022 AON Report along with a spreadsheet of agency comments and responses from the writing team. **Please review the two documents and let us know if your comments have *not* been fully addressed or resolved.** If you have additional comments or questions please email Xoco Shinbrot (xshinbro@nsf.gov) with a cc to me (bwalker@nsf.gov) by close of business on October 12, 2022.

Here are the remaining steps of relevance:

Oct 12: Final comments due from [Staff Group](#)

Oct 19: The report will be sent to [IARPC Principals and OMB](#) for review and approval (comments due **Nov 2**)

Nov 16: The document will begin [OSTP](#) review and clearance process

Please let us know if there are any questions.

Cheers,

~Beverly

Beverly Walker

(she/her)

Science Analyst

Office of Polar Programs

National Science Foundation

--

Executive Secretary

Interagency Arctic Research

Policy Committee

(IARPC)

703.292.2614

From: [Crain, Renee D.](#)
To: [Frink, Liam](#); [Hill, Erica](#); [Strawhacker, Colleen](#)
Subject: FW: ICE-PPR Request for Reviewers; Due 08NOV
Date: Friday, October 28, 2022 2:21:56 PM
Attachments: [FOA - AFOSR Topics.pdf](#)

If you are interested in serving as a reviewer, even if they spelled "Artic" wrong in their RFP, I'm sure Laura Steckman of the Air Force would appreciate your service.

Renee

From: Woods, John E III CIV USN DCNO N9 (USA) (b) (6)
Sent: Friday, October 28, 2022 1:10 PM
To: Steckman, Laura M CIV (USA) (b) (6)
Cc: (b) (6)
Subject: [EXTERNAL] - ICE-PPR Request for Reviewers; Due 08NOV

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

ICE-PPR HPWG Team, Please forward widely and anyone interested please reach out to Dr. Steckman direct. The papers are in and i believe the turn around is approx. 08NOV. Laura will have more details if needed. Thank you! Again, please distro widely! I sent on bcc to full US Only HPWG.

Hi John,

Good day.

I am hoping you can connect me with one or more gov experts on the Arctic who may be able to review white papers for a competition. The Minerva competition is DoD's premiere social science research competition where academics submit ideas for potential funding. The topic is pasted below for more information.

The papers should reach us sometime this week. Although we don't know the exact number yet, from inquiries there should be 3-5, although that number may be higher or lower. The turnaround timeline is generally 2 – 2 ½ weeks for evaluations. Reviewers must confirm that they have no conflicts of interest and then complete a review form based on the competition's evaluation criteria.

If you know of potential reviewers, please feel free to connect us. Once the proposals arrive (the next step after the white paper review, most likely in January), the review pool will expand to include non-government researchers after verifying no conflicts of interest and completing a NDA.

If you have questions, please do not hesitate. Thank you.

Best,

Laura Steckman, PhD
Program Officer, Trust and Influence
Air Force Office of Scientific Research (AFOSR/RTA)
875 N. Randolph St.
Arlington, VA 22203-1768
(703) 696-7556

Topic

Topic 5: The Arctic as a Polar Crossroads

POC: Laura Steckman, Air Force Office of Scientific Research,
laura.steckman.1@us.af.mil

The Arctic is growing in its geostrategic and geopolitical importance. The region is comprised of multinational actors to include the Arctic states, indigenous peoples and their organizations, many of which are recognized sovereign nations, and international observers, many of whom have no geographic proximity to the region, at a time when it is experiencing increasing socio-economic, governmental, environmental, and international pressures that make the region a “polar crossroads of globalization, commodity extraction, and environmental protection/degradation” (Moscato, 2020). It is also becoming more interconnected with [outer] Space for reasons of security, communications, astronomy, and meteorology, among others, adding additional complexity to its importance as a geographic region. At the same time, as the region experiences change it is opening, allowing for new industries such as increased tourism that economically enhance and environmentally challenge the region with greater human mobility. In addition, retreating sea ice and glaciers are creating new passageways for transportation and shipping, yet also increasing negative impacts, such as pollution, that will cause further ecological impact to marine environments. Taking all of these factors into account, it becomes clear that humans are fundamental actors at these crossroads. Humans are critical agents who simultaneously drive and experience the effects of change, whether these changes occur from climate change, environmental transformation, technology... or to culture, security, and sustainability. The presumed opening of the Arctic, as well as growing global interest in its lands and resources, will undoubtedly continue to introduce opportunities and tensions.

Strikingly, despite the immense role that people have in and on the Arctic, as acknowledged in Arctic policies and actors, such as those of the Arctic Council, that reference the human dimension, peoples, and communities; governance; and indigenous knowledge and rights; social science research is substantially under-supported compared to the natural and physical sciences. Several recent analyses on the breadth of Arctic research confirm the need for social and multidisciplinary research on the region to understand the issues affecting it. Such studies are of particular importance to security

and defense. The 2021 US Interim Nation Security Strategy calls to “promote a favorable distribution of power to deter and prevent adversaries from directly threatening the United States and our allies, inhibiting access to the global commons, or dominating key regions” and “lead and sustain a stable and open international system, underwritten by strong democratic alliances, partnerships, multilateral institutions, and rules.” There is a need to understand the humans and activities directing and affecting the future of the crossroads that drive [un]intentional change and how the transformations occurring in the region are shaping the lives and futures of Arctic peoples, states, and global interests.

This topic seeks research that explores the opportunities and challenges in the Arctic that stem from multiple, simultaneous realities such as a changing physical and ecological environment, increasing access and human activity, introduction and adoption of new technologies, and evolving strategic competition. All research proposed must, to some degree, address the human dimension of the Arctic. Proposers anticipating fieldwork in indigenous territories are strongly encouraged to provide evidence in the technical narrative and/or letters of support to demonstrate local concurrence for and/or partnering in the research.

Specific areas of interest include:

- Cooperation and competition in the Arctic, e.g. how these activities may be occurring simultaneously among actors, the mechanisms that affect cooperation and competition, modeling and/or predicting current and future trends
- Opportunities and challenges to developing culturally-appropriately regional digital infrastructure and digital security, which may include consideration for new technologies that could introduce additional societal disruption(s), resiliencies, and vulnerabilities across the region
- Factors that affect mutual understanding and cooperation in the region, to include consideration for local peoples and/or regional and international influence
- Impact of societal change due to trends in development, climate and environmental stressors, international interests, and increasing human activity

Moscato, D. (2020). The Amplification of Polar Diplomacy: A Textual Analysis of Arctic Council Declarations. *Arctic Yearbook*, 1-14.

From: [Tupas, Jermelina](#)
To: [NSF-Interest Group for Indigenous Communities](#); [Balaban, Evan](#); [Bauchspies, Wenda](#); [Blanco, Caroline M](#); [Boyle, Eve](#); [Carney-Nunes, Charisse A.](#); [Chanon, Keith](#); [Chase, Lura](#); [Crain, Renee D.](#); [Dade, Aurali E.](#); [Dancstep, Toni](#); [de Strulle, Arlene](#); [Delgado, Roberto](#); [Gerson, Julia](#); [Guinn, Jeremy](#); [Hamilton, Kristen](#); [Hill, Erica](#); [Johnson, Kenyatta](#); [Kendall, Tyler S](#); [Knoedler, Alicia J.](#); [Mantz, Jeffrey](#); [Mattison, Siobhan M](#); [Molnar, Linda](#); [Nikolaus, Roxanne](#); [O'Connor, Sally E.](#); [Paster, Mary](#); [Roehm, Charlotte](#); [Sievert, Regina](#); [Smith, Holly E.](#); [Spengler, Sylvia J.](#); [Strawhacker, Colleen](#); [Thompson, Kevin L.](#); [Walker, Beverly J](#); [Ruck, Kate E](#); [Mercer, Jennifer](#); [Rom, Elizabeth L.](#); [Lee, Olivia](#); [Shinbrot, Xoco](#); [Anderson, Gregory J.](#); [Rhemann, Jennifer](#)
Cc: [Smith, Chrystal](#); [Richardson, Sandra](#)
Subject: FW: IGIC Monthly meeting
Attachments: [ITEK-Guidance-WORKING DRAFT.docx](#)
[Convergence Accelerator Track K - Indigenous-Led DRAFT 28July2022.docx](#)

Hello all,

I apologize for this double posting, I may have sent this earlier to the group but since then we have grown so I am resending it, hopefully, it will get to all new members.

I also attached the tow documents for today's meeting, one from Jody on the draft Federal Guidance on Indigenous Knowledge and the second, the draft Onvergence Accelerator Track K (Indigenous-Led Biocultural Restoration) from Lara

Question to all: How many of you are attending the SACNAS and AISES meetings in October?

See you at 10:00 am.

-----Original Appointment-----

From: Tupas, Jermelina

Sent: Monday, November 29, 2021 5:50 PM

To: Tupas, Jermelina; Balaban, Evan; Bauchspies, Wenda; Blanco, Caroline M; Boyle, Eve; Carney-Nunes, Charisse A.; Chanon, Keith; Chase, Lura; Crain, Renee D.; Dade, Aurali E.; Dancstep, Toni; de Strulle, Arlene; Delgado, Roberto; Gerson, Julia; Guinn, Jeremy; Hamilton, Kristen; Hill, Erica; Johnson, Kenyatta; Kendall, Tyler S; Knoedler, Alicia J.; Mantz, Jeffrey; Mattison, Siobhan M; Molnar, Linda; Nikolaus, Roxanne; O'Connor, Sally E.; Paster, Mary; Roehm, Charlotte; Sievert, Regina; Smith, Holly E.; Spengler, Sylvia J.; Strawhacker, Colleen; Thompson, Kevin L.; Walker, Beverly J; Ruck, Kate E; Mercer, Jennifer; Rom, Elizabeth L.; Lee, Olivia; Shinbrot, Xoco; Anderson, Gregory J.; Rhemann, Jennifer

Cc: Smith, Chrystal; Richardson, Sandra

Subject: IGIC Monthly meeting

When: Occurs the first Monday of every 1 month(s) effective 2/7/2022 until 2/7/2023 from 10:00 AM to 11:00 AM (UTC-05:00) Eastern Time (US & Canada).

Where: (b) (4)

Hello all,

I apologize for another posting. I made an error of making this a weekly recurrence when it should be only the first Monday of each month. We only meet once a month.

Thanks everyone.

Jermelina

<<https://zoom.us/>>

Hi there,

Jermelina Tupas is inviting you to a scheduled ZoomGov meeting

Join Zoom Meeting (b) (4)

One tap mobile:

(b) (4)

Meeting URL:

(b) (4)

Meeting ID:

(b) (4)

Passcode:

(b) (4)

Join by Telephone

For higher quality, dial a number based on your current location.

Dial:

(b) (4)

Meeting ID:

(b) (4)

International numbers (b) (4)

Join from an H.323/SIP room system

H.323:

(b) (4)

Meeting ID:

(b) (4)

Passcode:

(b) (4)

SIP:

(b) (4)

Passcode:

(b) (4)

From: [Sutherland, David A.](#)
To: jhamdi@lumcon.edu; katherine.l.hudson@stonybrook.edu; ahuth@princeton.edu; (b) (6); blair.perry@wsu.edu; (b) (6); aruacho@uw.edu; angela@szesciorka.com; (b) (6); (b) (6); mquitard@ldeo.columbia.edu; [Anna Ruth Halberstadt](#)
Cc: [Hill, Erica](#)
Subject: FW: LANDInG-PRFP Virtual Meeting 1
Date: Tuesday, March 8, 2022 11:51:42 AM
Attachments: [PRFP agenda VM1.pdf](#)
[Behl et al 2021_TOS.pdf](#)
[Charlesworth and Banaji 2019 gender in STEMM.pdf](#)
[Morris 2021 Combating Racism in the Geosciences.pdf](#)
[AGU LMS Login Instructions - PRFP.pdf](#)

Hi all,

Sorry if you already received this email from AGU LANDInG, but I know I didn't receive the original, so I wanted to make sure everyone got it.

From: Margaret Fraiser <mfraiser@agu.org>
Date: Tuesday, March 8, 2022 at 6:23 AM
To: Rom, Elizabeth L. <elrom@nsf.gov>, Castillo, Karl D. <kcastill@nsf.gov>, Sutherland, David A. <dasuther@nsf.gov>
Cc: Melnyk, Anastasiya Y <aymelnyk@nsf.gov>
Subject: [EXTERNAL] - FW: LANDInG-PRFP Virtual Meeting 1

I'm worried that some PRFs did not receive the message...

From: Margaret Fraiser
Sent: Monday, March 7, 2022 2:45 PM
To: jabell@email.arizona.edu; malberty@princeton.edu; earrington@ucsb.edu; ljbak@uw.edu; burkej25@msu.edu; (b) (6); emery@ucsb.edu; kforsch@ucsd.edu; kgadeken@disl.org; (b) (6); mquitard@ldeo.columbia.edu; ahalberstadt@umass.edu; jhamdi@lumcon.edu; kbh0039@auburn.edu; jhoey@ucsc.edu; (b) (6); kHUDSON@udel.edu; ahuth@princeton.edu; klanpher@ucsd.edu; aleitner@mbari.org; dlopez@temple.edu; selvam@caltech.edu; thomas.morrow@bc.edu; csm187@uw.edu; atninokawa@ucdavis.edu; (b) (6); blair.perry@wsu.edu; (b) (6); aruacho@uw.edu; joshua.sackett@uc.edu; kscavo@bu.edu; angela@szesciorka.com; (b) (6); burann@whoi.edu; dutter@g.harvard.edu; (b) (6); (b) (6); (b) (6)
Cc: Castillo, Karl D. <kcastill@nsf.gov>; Sutherland, David A. <dasuther@nsf.gov>; Rom, Elizabeth L. <elrom@nsf.gov>; AGU LANDInG <LANDInG@agu.org>; Brielle Bennett <bbennett@agu.org>; Pranoti Asher <PAsher@agu.org>; Billy M. Williams <BWilliams@agu.org>; Stephanie Goodwin <sgoodwin@agu.org>
Subject: LANDInG-PRFP Virtual Meeting 1

Dear OCE and OPP postdoctoral scholars,

Hello! We are looking forward to seeing you at the first topical meeting of the LANDInG-PRFP program on **March 17, 2022 2:00-5:00 pm EDT**. Virtual Meeting 1 (VM1) will focus on the impacts and evidence of DEI challenges in geoscience. We've included some information below to help you prepare for VM1.

Recommended Readings

The three articles attached to this message are related to the topics to be presented in VM1. We encourage you to read them beforehand to ensure thoughtful and engaged participation while we are together.

Evaluation Surveys

We have implemented program evaluation strategies to ascertain the value and outcomes of LANDInG-PRFP. Surveys will be implemented electronically using the Qualtrics survey platform.

By next week you will receive invitations to participate in two surveys before you attend Virtual Meeting 1. The first of the surveys will take about 30 minutes of your time. The second survey invitation will arrive a little later and will only take about 5-7 minutes. If you do not receive these emails by March 14, please check your junk/spam folders and enable your email system to receive email from landingeval@qualtrics-survey.com.

Participation in each of these surveys is voluntary and confidential and will not influence your participation in LANDInG-PRFP. Because these surveys are designed to assess pre-participation benchmarks, please respond no later than March 17, 2022 at 1:59 pm EDT before VM1. You can learn more about the surveys (including how our evaluation team will ensure privacy and confidentiality of responses) when you follow the links provided in each survey invitation.

LANDInG Academy LMS (Learning Management System)

In support of your participation, AGU LANDInG has implemented an online LMS to provide access to readings, worksheets, and meeting information. We invite you to login into the LMS within the next few days to confirm your own access. Please see the attachment that includes LMS instructions and login information.

What to Expect Next

The agenda for VM1 is attached here (and will be available in the LMS). Please reach out if you've got any questions!

See you soon,
Margaret Fraiser on behalf of the LANDInG team

Join Zoom Meeting:

(b) (4)

Meeting ID: (b) (4)

Passcode: (b) (4)

From: [Crain, Renee D.](#)
To: [OPP ARCTIC](#)
Subject: FW: National Native American Heritage Month
Date: Wednesday, November 2, 2022 2:06:21 PM

These events may be of interest to some.

Renee

From: Tupas, Jermelina <jtupas@nsf.gov>
Sent: Wednesday, November 2, 2022 12:36 PM
To: NSF-Interest Group for Indigenous Communities <NSF-IGIC@nsf.gov>; EHR ALL <ehrstaff@nsf.gov>
Subject: National Native American Heritage Month

Dear Colleagues,

November is National Native American Heritage Month (NNAHM).

To commemorate NNAHM, NSF's Tribal Colleges and Universities Program, Interest Group for Indigenous Communities, and Office of Equity and Civil Rights will host three events highlighting the diversity of culture, tradition, and languages of Native Americans.

- On Tuesday, November 8, from 2:00 PM – 3:30 PM EST, Join Dr. Dalee Sambo Dorough for a discussion on how the use of Indigenous knowledge “contributes to sustainable and equitable development and proper management of the environment” and how this acknowledgment can safeguard Inuit homelands and the distinct Arctic environment. [Please register to attend.](#)
- On Thursday, November 10, from 2:30 PM – 4:00 PM EST, Join Keolani Noa for a discussion on the educational systems in use by the Kanaka Maoli and its use as an investment into the identity of self-growth and competitive edge of the Kanaka autonomy to Hawaii's local and global communities. [Please register to attend.](#)
- *On Tuesday, November 15, from 1:00-2:30 pm EST, we have invited Darrick Lee of the Navajo Technical University. We are still getting this organized so we will*

send more information later. Please save these dates and join us in celebrating the National Native American Heritage Month

Also, please consider using the [NSF's commemorative virtual background](#) during this month.

Jermelina

Jermelina Tupas, PhD

Deputy Division Director

Division of Equity for Excellence in STEM

Directorate for STEM Education

National Science Foundation

(b) (6)

Crain, Renee D. <rccrain@nsf.gov>; Mercer, Jennifer <jmercer@nsf.gov>; Sung, Nancy <nsung@nsf.gov>; Sheppard, Paul <psheppar@nsf.gov>; Smith, Katy <catsmith@associates.nsf.gov>; (b) (6)

(b) (6)

Subject: [EXTERNAL] - NSAR Implementation Plan: Review of Initial Pillar 2 drafts

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Raina, Kelly and others,

Devon and I have reviewed and edited the ten initial Pillar 2 papers. Attached are the updated drafts. They do not show track changes, which for some of you might have been preferable. But the papers were an uneven lot and needed a lot of editing simply to get them into the same format, level of detail, etc. The versions with track changes are hard to parse as a result.

The substance of the papers is actually quite impressive on one level – as a whole, they demonstrate a lot of actions to be taken and true commitment to taking them. In some cases, we dropped specific items either because they were too general, or did not really indicate a step to be taken, or because they overlapped with items in other papers.

Our main desire at this point is to work with you to make many of the individual items more specific/more concrete. In some cases, we've indicated specific questions. Overall, we wish that all the papers had the sort of specificity and timelines that you'll find in the paper relating to the cleanup of ANCSA lands (2.4.3). Gold star to EPA and partners on that one.

For each paper, we've also added a final line on possible external partners. We'll need your guidance on whether we got those right.

Please review our handiwork and be prepared to meet with us next Monday (time TBD) to go through them with proposed corrections/changes. And if there are people in agencies who are the real experts on these issues that are not on this distribution (e.g., from USDA), please forward this to them and also let me know so I can include them on the invitation.

Thanks again for your work on this.

Dave and Devon

David Balton (*he, his*)
Executive Director, Arctic Executive Steering Committee
Office of Science and Technology Policy
Executive Office of the President

(b) (6)

Mobile: (b) (6)

Office: (202) 456-4444

From: Hill, Erica
To: [Mercer, Jennifer](#)
Subject: FW: please supply name of single point of contact [Contains CUI]
Date: Monday, June 12, 2023 11:25:15 AM
Attachments: [180-Day-IK-Guidance-Progress-Report-Template.docx](#)

Hey Jen, Are you okay with me forwarding to Alex? Alex received an earlier email from Jennifer Pearl

Erica Hill, PhD
Program Officer, Arctic Social Sciences
Arctic Sciences Lead, OPP Post-Doctoral Fellowship Program
Office of Polar Programs, GEO
National Science Foundation

Office: 703.292.4521

Arctic Research Opportunities ([NSF 23-572](#)) Target dates: July 17 and Jan 16, 2024

Arctic Dissertation Research Grants ([NSF 20-597](#)) Next Deadline: May 15, 2023

OPP-Postdoctoral Fellowships ([NSF 22-635](#)) Next Target Date: February 5, 2024

From: "Van Hartesveldt, Carol J." <cvanhart@nsf.gov>
Date: Monday, April 24, 2023 at 1:23 PM
To: NSF AD <ad@nsf.gov>
Cc: "Jesse, Jolene K." <jjesse@nsf.gov>, "Chase, Lura" <lchase@nsf.gov>, "Hill, Erica" <erhill@nsf.gov>
Subject: please supply name of single point of contact [Contains CUI]

CUI

Good afternoon everyone,
I am writing to request that each directorate and office supply the name of a single point of contact to help EDU report on NSF's progress regarding the [White House Guidance for Federal Departments and Agencies on Indigenous Knowledge \(Guidance\)](#) and [Implementation Memorandum](#). EDU has been asked to take the lead on this report for NSF. Our response is due on May 30, 2023. The template provided for our response is attached. **Please respond by COB on Thursday April 27.**

Because they are members of the NSTC Subcommittee on Indigenous Knowledge, I am assuming that the points of contact will include

EDU: Jody Chase
GEO: Erica Hill

I am requesting that all other directorates and offices send me the name of the person who will gather the information required to respond to this request per the template.

Best regards,

Carol
Staff Associate
EDU/OAD

From: Hill, Erica
To: [Mercer, Jennifer](#)
Subject: FW: please supply name of single point of contact [Contains CUI]
Date: Tuesday, April 25, 2023 6:56:59 PM
Attachments: [180-Day-IK-Guidance-Progress-Report-Template.docx](#)

Erica Hill, PhD
Program Officer, Arctic Social Sciences
Arctic Sciences Lead, OPP Post-Doctoral Fellowship Program
Office of Polar Programs, GEO
National Science Foundation

Office: 703.292.4521

Arctic Research Opportunities ([NSF 23-572](#)) Target dates: July 17 and Jan 16, 2024

Arctic Dissertation Research Grants ([NSF 20-597](#)) Next Deadline: May 15, 2023

OPP-Postdoctoral Fellowships ([NSF 22-635](#)) Next Target Date: February 5, 2024

From: "Van Hartesveldt, Carol J." <cvanhart@nsf.gov>
Date: Monday, April 24, 2023 at 1:23 PM
To: NSF AD <ad@nsf.gov>
Cc: "Jesse, Jolene K." <jjesse@nsf.gov>, "Chase, Lura" <lchase@nsf.gov>, "Hill, Erica" <erhill@nsf.gov>
Subject: please supply name of single point of contact [Contains CUI]

CUI

Good afternoon everyone,
I am writing to request that each directorate and office supply the name of a single point of contact to help EDU report on NSF's progress regarding the [White House Guidance for Federal Departments and Agencies on Indigenous Knowledge \(Guidance\)](#) and [Implementation Memorandum](#). EDU has been asked to take the lead on this report for NSF. Our response is due on May 30, 2023. The template provided for our response is attached. **Please respond by COB on Thursday April 27.**

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EDU: Jody Chase
GEO: Erica Hill

I am requesting that all other directorates and offices send me the name of the person who will gather the information required to respond to this request per the template.

Best regards,

Carol
Staff Associate
EDU/OAD

From: [Sung, Nancy](#)
To: [OPP ARC Program Officers](#)
Cc: [Mercer, Jennifer](#)
Subject: FW: Pls respond by 8/1: Draft IARPC BIP
Date: Monday, August 1, 2022 11:59:16 AM
Attachments: [First Order Draft for Staff Group Review.pdf](#)
[Agency Comments on First Order Draft.xlsx](#)
[Staff Group Concurrence Sheet.pdf](#)
[Response to Comments from SG on Draft Objectives and Deliverables \(due June 21\).xlsx](#)
[Federal Participants roles and contact emails.docx](#)

Hi ARC Colleagues-

Thanks for your comments on the latest BIP draft (see message below)—based on your comments, I added/kept NSF as a collaborating agency on the following deliverables: (b) (5) Deliberative Process

But we will request NSF be removed from (b) (5) Deliberative Process unless I hear from any of you that we should keep those.

I can see that Olivia commented, but I'm not sure who else did- if you have further comments, please enter them in the chart ([in Teams, here](#)- and please identify yourself with any comments, so I can circle back for any clarifications), or email to me by COB today, so I can share with Roberta, then Alex- **this is our last chance to comment before the BIP is presented to the IARPC Principals.**

I'm also interested in your thoughts regarding (b) (5) Deliberative Process. If you disagree with that, please let me know.

Thanks in advance!

Nancy

Nancy Sung, Ph.D.
Science Policy Advisor
Office of Polar Programs
Geosciences Directorate
National Science Foundation
2415 Eisenhower Ave, Alexandria VA 22314

From: Sung, Nancy <nsung@nsf.gov>
Date: Tuesday, July 26, 2022 at 5:48 PM
To: OPP ARC Program Officers <opp-arc-po@nsf.gov>
Cc: Mercer, Jennifer <jmerc@nsf.gov>
Subject: Pls respond by 8/1: Draft IARPC BIP

Hi ARC Colleagues-

We are asked to comment on the first-order draft of the Biennial Implementation Plan (BIP)- please see Bev's message below. **This is our last chance to suggest changes** before this goes to the Principals for approval at their meeting in September.

Would you take a good look, bearing in mind the highlighted questions below. Ideally, please record your comments on the [shared spreadsheet, available in Teams, here](#). If this doesn't work for you, you can include your comments on the attached Excel doc and return to me.

Please have your comments to me by noon on Monday, Aug. 1, so that I have them before the IARPC PoC meeting that day, and also so that we can clear them with Roberta and GEO/OAD before the Aug. 8 deadline.

A FEW NOTES:

- Because it is a 65-page document- please focus first on those Objectives/Deliverables that are closest to your area of work. If you have time, other comments are of course welcome.
- One overarching observation I have is that (b) (5) Deliberative Process
[REDACTED]
[REDACTED]
[REDACTED] Please let me know whether you agree, and also, if you have any solutions to propose, which we can pass along.
- I suggest NSF be removed from Deliverables (b) (5) Deliberative Process please check and let me know if you disagree and we can add NSF back.

Many thanks for your engagement, and especially, thanks to those who have been working to create this BIP.

Best,
Nancy

Nancy Sung, Ph.D.
Science Policy Advisor
Office of Polar Programs
Geosciences Directorate
National Science Foundation
2415 Eisenhower Ave, Alexandria VA 22314

From: Walker, Beverly J <bwalker@nsf.gov>

Date: Monday, July 25, 2022 at 3:45 PM

To:

Subject: IARPC Action Request: Draft BIP - due August 8

Dear IARPC Staff Group Points of Contact:

Please submit your comments on the attached First Order Draft BIP via the attached spreadsheet and a completed clearance sheet to Beverly Walker (bwalker@nsf.gov) with a copy to Sorina Stalla (sorina@iarpccollaborations.org) by close of business on Aug 8, 2022.

Attached is the first order draft of the Biennial Implementation Plan 2022-2024 for Staff Group review and clearance. The first order draft includes all front-end material and priority area and foundational activity objectives and deliverables. This is the only review and clearance at the Staff Group level. The second order draft will be reviewed and cleared by OMB, the Office of Domestic Climate Policy, NSTC POCs, and the IARPC Principals. Also attached is the comment spreadsheet with the responses from the June Staff Group Review of the Draft Objectives and Deliverables.

When reviewing this first order draft please pay particular attention to the following questions and make all comments, edits, additions in the comment's spreadsheet, so we can track all agency input.

1. **Objectives and deliverables:**
 - a. Deliverables are defined as, "Tangible, measurable, and easily communicated research product that demonstrates progress made toward satisfying the objectives and goals and is made available to relevant decision-makers and partners. Deliverables could also include achievements resulting from the establishment of new relationships". Do deliverables meet this definition?
 - b. Are deliverables achievable in the two year timeframe of this biennial implementation plan?
 - c. Do you see any major gaps that need to be addressed in an interagency setting?

1. **Agency alignment**, please ensure that you are comfortable with all mentions of your agency.
 - a. Agencies that are leading a deliverable are bolded. All deliverables require an Agency lead. Please indicate additional deliverables your Agency can be the lead on.
 - b. Are you okay with signing on to collaborate on deliverables where your agency is listed?
 - c. Are there deliverables where your agency is not listed and it should be?
 - d. Is your agency listed with as much specificity as possible (department level)?

Attached for your reference is a list of feds who have participated in the biennial implementation plan development process as well as the federal leads of the disciplinary collaboration teams.

Federal disciplinary collaboration team leads have been asked to confirm their team's alignment with deliverables as well as to identify which open performance elements from the Arctic Research Plan 2017-2021 have been incorporated into the biennial implementation plan.

Timeline for drafting and clearance: The IARPC Principals meeting is scheduled for September 28, 2022 and this will be an opportunity for Principals to discuss the

BIP and, if necessary, raise any concerns.

Here is the list of the relevant BIP deadlines:

- July 25: First-order draft sent to Staff Group agency POCs and OSTP for interagency clearance
- August 8: Comments and clearance on BIP first-order draft due back from Staff Group agency POCs.
- September 12: Staff Group Meeting - update and review of the changes made to the BIP as a result of Staff Group and OSTP clearance.
- September 13: Send second-order draft to OMB, Office of Domestic Climate Policy, NSTC POCs, and IARPC Principals for review and clearance
- September 28: IARPC Principals meeting
- Oct 13: Send final draft to OSTP for review
- Oct 31/Nov 1: Public release of the BIP

Please let me know if you have any questions,
~Beverly

Beverly Walker

(she/her)

Science Analyst

Office of Polar Programs

National Science Foundation

--

Executive Secretary

Interagency Arctic Research Policy Committee

(IARPC)

703.292.2614

From: [Sutherland, David A.](#)
To: [Hill, Erica](#)
Subject: FW: Proposal Review/OPP/5247 (b) (4) (b) (6)
Date: Monday, May 9, 2022 8:24:56 AM

FYI

From: fastlane@p-web-fl11.prod.nsf.gov <fastlane@p-web-fl11.prod.nsf.gov>
Date: Sunday, May 8, 2022 at 2:14 PM
To: FastLane Mail DL <FastLane_Mail_DL@nsf.gov>, Sutherland, David A. <dasuther@nsf.gov>
Subject: Proposal Review/OPP/5247 (b) (4) (b) (6)

Reviewer Name: (b) (6)

Email ID: (b) (6)

Conflict of Interests:

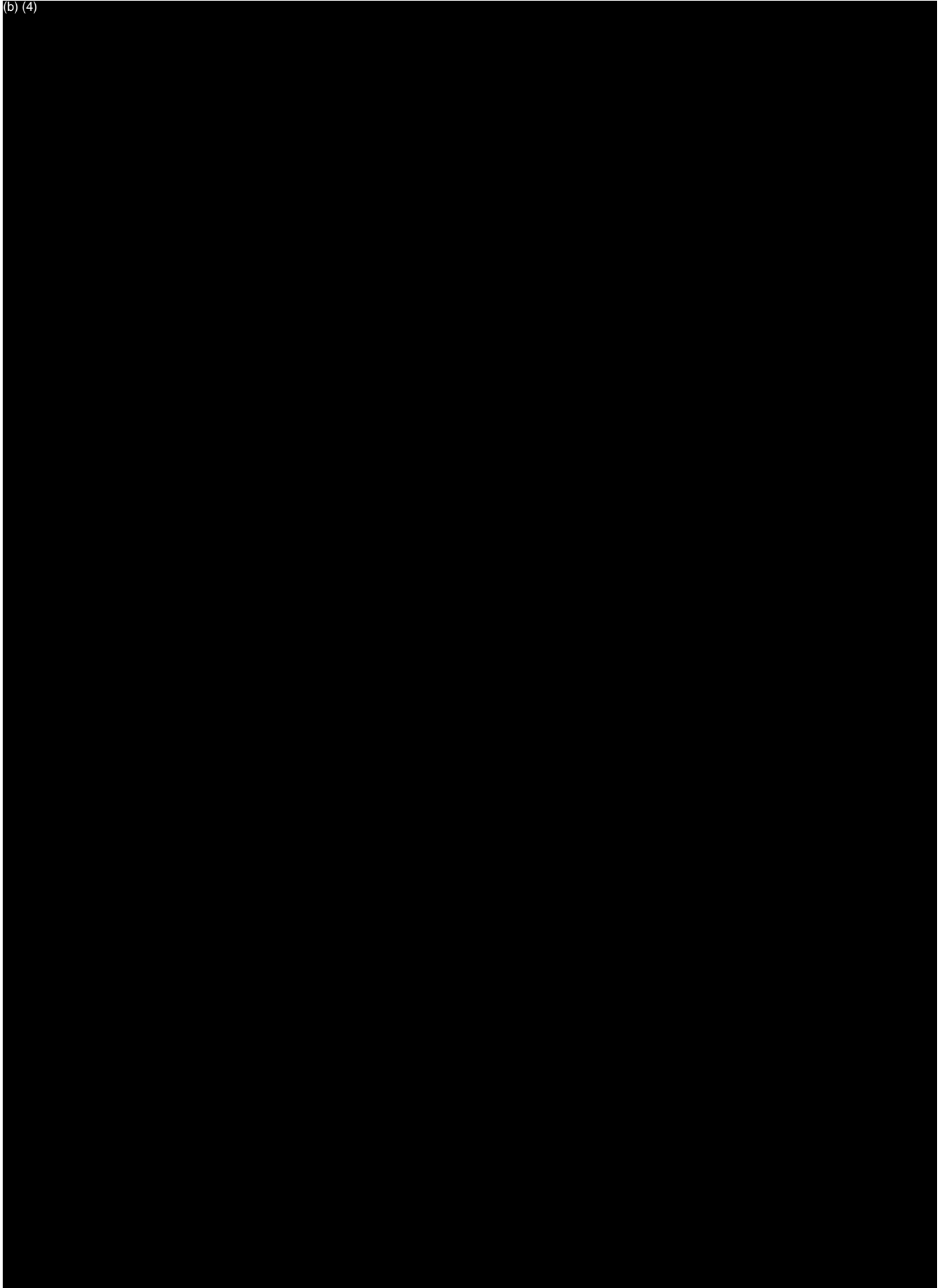
No Col

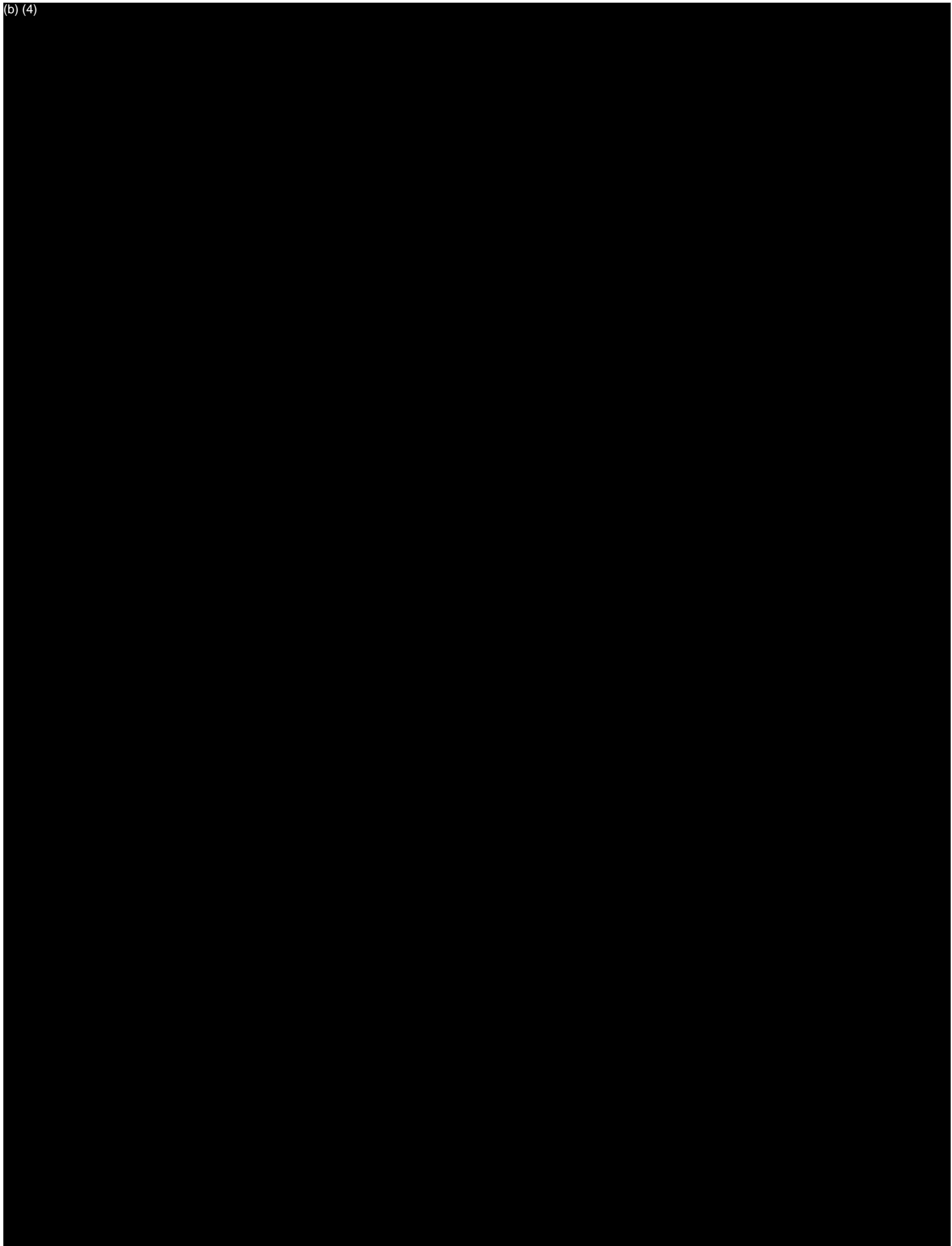
Proposal : (b) (4)
Proposal Title : (b) (4)
Organization : (b) (6)
SAM Legal Business Name :
PI Name : (b) (6)
Program Name : (b) (4)
Rating : (b) (4)

ReviewText:

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to intellectual merit.

(b) (4)





(b) (4)

A large black rectangular redaction box covering the top portion of the page.

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to broader impacts.

(b) (4)

A very large black rectangular redaction box covering the majority of the page content below the instruction.

(b) (4)



Please DO NOT REPLY TO THIS MESSAGE, as this email was sent from an address that cannot accept incoming messages.

From: [Mercer, Jennifer](#)
To: [Hill, Erica](#)
Subject: FW: Revised RA for review
Date: Monday, May 2, 2022 12:24:02 PM

Please send me the previous correspondence (with the revised RA). And please copy me on all correspondence with the office director. I'll try to get caught up on this one.

From: "Marinelli, Roberta" <rmarinel@nsf.gov>
Date: Monday, May 2, 2022 at 12:09 PM
To: "Hill, Erica" <erhill@nsf.gov>
Cc: Jennifer Mercer <jmercer@nsf.gov>
Subject: Re: Revised RA for review

Hi Erica

We have a spirited debate here, so I'll be frank (and collegial – just because I'm the office director doesn't mean you have to bow down).

(b) (4) and (b) (5) Deliberative Process



Roberta

From: "Hill, Erica" <erhill@nsf.gov>
Date: Friday, April 29, 2022 at 2:58 PM
To: "Marinelli, Roberta" <rmarinel@nsf.gov>
Subject: Revised RA for review

Dear Roberta,

(b) (4) and (b) (5) Deliberative Process



Have a great weekend, and thanks again for meeting with the post-doc panel earlier this week.

Erica

Erica Hill, PhD
Program Officer, Arctic Social Sciences
National Science Foundation

Office: 703.292.4521

Arctic Research Funding Opportunities ([NSF 21-526](#)) no deadline

Arctic Dissertation Research Grants ([NSF 20-597](#)) Next Deadline: May 15, 2022

From: [Delgado, Roberto](#)
To: [Hill, Erica](#)
Subject: FW: Tribal Consultation on Guidance for Federal Agencies on Indigenous Knowledge
Date: Thursday, September 22, 2022 3:56:40 PM
Attachments: [Tribal Consultation on Guidance for Federal Agencies on Indigenous Knowledge.ics](#)

Erica,

Do you have a current draft of the Guidance that you can share? I'm sitting in on the Consultation and realize I haven't seen an updated version since we provided comments back in June.

R-

--

Roberto A Delgado Jr, PhD
Program Director, Arctic Observing Network
Section for Arctic Sciences, Office of Polar Programs
National Science Foundation
2415 Eisenhower Avenue – W7246
Alexandria VA 22314 – USA

E-mail: robdelga@nsf.gov

Tel: 1.703.292.2397 / Mob: 1.703.342.8732

[Arctic Community Engagement \(ACE\)](#) – Email: ACE@nsf.gov / **[Arctic Fieldwork Update: COVID-19 Mitigation 2022](#)**

Arctic Research Opportunities: [NSF 21-526](#) / Arctic Doctoral Dissertation Research Improvement Grants (Arctic DDRIG) - [NSF 20-597](#) / OPP Postdoctoral Research Fellowships - [NSF 22-516](#): Email: opp-prf@nsf.gov

Dear Colleague Letters (DCLs): [NSF 22-106](#) – *OPP Data, Code, and Sample Management Policy*; [NSF 21-077](#) - *Update on NSF's Efforts to Improve the Inclusion of Local and Indigenous Voices in Arctic Research*; [NSF 21-041](#) - *Supporting Data and Sample Reuse in Polar Research*; [NSF 20-112](#) - *Potential Support for Community Hubs for Collaborations Between NSF-funded Arctic Researchers and Arctic Residents*

From: "Meszaros, Jacqueline R" <jmeszaro@nsf.gov>
Date: Wednesday, September 21, 2022 at 2:39 PM
To: "Delgado, Roberto" <robdelga@nsf.gov>, "Strawhacker, Colleen" <colstraw@nsf.gov>
Subject: FW: Tribal Consultation on Guidance for Federal Agencies on Indigenous Knowledge

I'm assuming you two received this but am forwarding just in case it is of interest.

From: [Rack, Frank R.](#)
To: [OPP ARC Program Officers](#)
Cc: [Rack, Frank R.](#)
Subject: Fwd: [EXTERNAL] - Save the Date for 75th Anniversary of the Naval Arctic Research Laboratory, August 1-4 of 2022, Utqiagvik, Alaska
Date: Tuesday, November 30, 2021 11:18:41 AM
Attachments: [Save the Date .pdf](#)

All,

FYI, to make sure this announcement is widely distributed.

Best regards,

Frank

Frank R. Rack, Ph.D.
Program Manager
Research Support & Logistics (RSL)
Paleo Perspectives on Climate Change (P2C2)
Arctic Sciences Section, Office of Polar Programs (OPP), W7132
National Science Foundation
2415 Eisenhower Avenue
Alexandria, VA 22314
Tel: 703-292-2684 (direct)
Tel: 703-292-8029 (main)
[Email: frack@nsf.gov](mailto:frack@nsf.gov)

Begin forwarded message:

From: Kristina Baiborodova ^{(b) (6)}
Subject: [EXTERNAL] - Save the Date for 75th Anniversary of the Naval Arctic Research Laboratory, August 1-4 of 2022, Utqiagvik, Alaska
Date: November 29, 2021 at 4:18:46 PM EST
To: undisclosed-recipients;

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Colleagues,

Mark your calendar today for the celebration and forward-looking reflection!

Ukpeaġvik Inupiat Corporation invites you to join us for three days of the **75th Anniversary of the Naval Arctic Research Laboratory.**

The events during the week of August 1st, 2022, will include **Enhancing Arctic Science and Engineering Workshop** along with **Regional Development Tours** and forums on Arctic science to plan for the next 25 years of Arctic research.

Online registration will be available January 3, 2022.

To confirm your participation or for more information about the 75th Anniversary of the Naval Arctic Research Laboratory please contact: Kristina Baiborodova, Partner, ArKtiKa Company, (b) (6)

From: [Rack, Frank R.](#)
To: [Strawhacker, Colleen](#); [OPP ARC Program Officers](#)
Cc: [Rack, Frank R.](#)
Subject: Fwd: Thank you and follow up on our conversation about partnership/coordination opportunities for NPRB NBS IERP
Date: Friday, May 19, 2023 1:00:30 PM
Attachments: [RACK Arctic COLORS Cruise Planning 18May23.pdf](#)
[draftpappg_april2023.pdf](#)

Colleen,

I met with Danielle yesterday morning and discussed how we focus on science before logistics and also the timelines involved in vessel scheduling for funded projects. I encouraged her to reach out to ARC POs but maybe she had already done that. I also suggested that she coordinate with other agencies. We can discuss this more among the group.

Cheers,

Frank

Get [Outlook for iOS](#)

From: Rack, Frank R. <frack@nsf.gov>
Sent: Thursday, May 18, 2023 15:48
To: Danielle Dickson
Cc: Ruck, Kate E.; Crain, Renee D.; Rack, Frank R.
Subject: Re: Thank you and follow up on our conversation about partnership/coordination opportunities for NPRB NBS IERP

Danielle,

Yes, it was good to talk with you too.

FYI, I've attached a presentation I made to the NASA Arctic COLORS science planning team right after our call today to help outline aspects of the vessel request and scheduling process associated with proposals and describe some of the issues and constraints related to the interagency planning process for Arctic field work. I also encouraged the NASA folks to engage with the UNOLS AICC to highlight their requirements for vessels at the next meeting in July.

The Federal Register announcement requesting comments on the proposed changes to the NSF PAPPG (attached) is available at: <https://www.federalregister.gov/documents/2023/04/13/2023-07780/agency-information-collection-activities-comment-request-national-science-foundation-proposalaward>

I've attached a draft version of the document to this email.

Best regards,

Frank

Frank R. Rack, Ph.D.
Program Manager
Research Support & Logistics (RSL)
Arctic Sciences Section, Office of Polar Programs (OPP), W7132
National Science Foundation
2415 Eisenhower Avenue
Alexandria, VA 22314
Tel: 703-292-2684 (direct)
Tel: 703-292-8029 (main)
[Email: frack@nsf.gov](mailto:frack@nsf.gov)

Advancing Arctic science through research, education, and collaboration.

From: Danielle Dickson <danielle.dickson@nprb.org>
Date: Thursday, May 18, 2023 at 2:39 PM
To: Rack, Frank R. <frack@nsf.gov>
Cc: Ruck, Kate E. <kruck@nsf.gov>, Crain, Renee D. <rccrain@nsf.gov>
Subject: [EXTERNAL] - Thank you and follow up on our conversation about partnership/coordination opportunities for NPRB NBS IERP

Dear Frank,

It was nice talking with you this morning. Thank you very much for making time to speak with me about NPRB's plans to develop the Northern Bering Sea Integrated Ecosystem Research Program (NBS IERP).

As we discussed, NPRB is interested in exploring all options for partnership/coordination with other funding organizations. IERPs study the mechanistic linkages in marine ecosystems from physical/chemical environmental drivers to various elements of the biological system, from plankton to higher trophic level species of subsistence, ecological, and commercial importance. IERPs require coordinated, multi-disciplinary measurements co-located in space and time, and we recognize that vessels that can accommodate this type of research are becoming more scarce. We hope you and your colleagues at NSF will be willing to continue communicating with us to coordinate our respective plans for supporting research.

I will reach out to ask for time on the agenda of the Arctic Icebreaker Coordinating Committee to try to keep everyone informed about our plans. I hope Renee and Kate will be willing to speak with me as well.

Thank you again for your time and for sharing your candid thoughts. I look forward to our next conversation!

Best wishes,
Danielle

Danielle Dickson
Senior Program Manager/Chief Officer for Collaboration and Synthesis
North Pacific Research Board
1007 W. 3rd Avenue, Suite 100
Anchorage, AK 99501
Tel.: (907) 644-6716

Co-Lead of the Marine Ecosystems Community of Practice
Interagency Arctic Research Policy Committee
www.iarpccollaborations.org

From: Rack, Frank R. <frack@nsf.gov>
Sent: Monday, May 8, 2023 9:33 AM
To: Danielle Dickson <danielle.dickson@nprb.org>; Crain, Renee D. <rcrain@nsf.gov>
Cc: Ruck, Kate E. <kruck@nsf.gov>; Rack, Frank R. <frack@nsf.gov>
Subject: Re: Visit to NSF office May 17 or 18?

Danielle,

Yes, Thursday, May 18th at 8AM sounds fine.

We can meet by Zoom to save you the commute to the NSF building in Alexandria.

Most of our meetings are still being done using Zoom or similar software.

Let me know what you'd like to do.

Best regards,

Frank

Frank R. Rack, Ph.D.
Program Manager
Research Support & Logistics (RSL)
Arctic Sciences Section, Office of Polar Programs (OPP), W7132
National Science Foundation
2415 Eisenhower Avenue
Alexandria, VA 22314
Tel: 703-292-2684 (direct)
Tel: 703-292-8029 (main)
[Email: frack@nsf.gov](mailto:frack@nsf.gov)

Advancing Arctic science through research, education, and collaboration.

From: Danielle Dickson <danielle.dickson@nprb.org>
Date: Monday, May 8, 2023 at 1:10 PM

To: Crain, Renee D. <rcrain@nsf.gov>
Cc: Ruck, Kate E. <kruck@nsf.gov>, Rack, Frank R. <frack@nsf.gov>
Subject: [EXTERNAL] - RE: Visit to NSF office May 17 or 18?

Hi all,

Thank you very much for your kind replies.

Renee, I hope you enjoy a lovely visit with your family! We can catch up via Zoom after you return to work. I look forward to the next opportunity to visit with you in person!

Frank, thank you for identifying some possible times you could meet with me. We are still waiting to hear from Representative Peltola's staff about the date/time for our meeting. Shall we plan tentatively to meet at the NSF office on Thursday morning at 8 AM? I will let you know as soon as possible if I need to change our plan. I'll be staying in Dupont Circle, and I'll need to head back to Union Station later in the morning. Please let me know if it happens to be more convenient for you to meet in D.C. rather than Alexandria.

Looking forward to speaking with you soon!
Best wishes,
Danielle

Danielle Dickson
Senior Program Manager/Chief Officer for Collaboration and Synthesis
North Pacific Research Board
1007 W. 3rd Avenue, Suite 100
Anchorage, AK 99501

Co-Lead of the Marine Ecosystems Community of Practice
Interagency Arctic Research Policy Committee
www.iarpccollaborations.org

From: Crain, Renee D. <rcrain@nsf.gov>
Sent: Monday, May 8, 2023 5:50 AM
To: Danielle Dickson <danielle.dickson@nprb.org>
Cc: Ruck, Kate E. <kruck@nsf.gov>; Rack, Frank R. <frack@nsf.gov>
Subject: RE: Visit to NSF office May 17 or 18?

Hi Danielle,

I am glad Frank will be able to meet with you. I will be on leave (b) (6). I won't be able to meet in person this time, but can definitely Zoom sometime after your trip.

Renee

From: Rack, Frank R. <frack@nsf.gov>
Sent: Monday, May 8, 2023 9:46 AM

To: Danielle Dickson <danielle.dickson@nprb.org>; Crain, Renee D. <rcrain@nsf.gov>
Cc: Ruck, Kate E. <kruck@nsf.gov>; Rack, Frank R. <frack@nsf.gov>
Subject: Re: Visit to NSF office May 17 or 18?

Danielle,

I should be around and could meet with you on Wednesday afternoon May 17th at 2PM or 4PM, or on Thursday morning, May 18th between 8AM and 9AM, or on Zoom.

Best regards,

Frank

Frank R. Rack, Ph.D.
Program Manager
Research Support & Logistics (RSL)
Arctic Sciences Section, Office of Polar Programs (OPP), W7132
National Science Foundation
2415 Eisenhower Avenue
Alexandria, VA 22314
Tel: 703-292-2684 (direct)
Tel: 703-292-8029 (main)
[Email: frack@nsf.gov](mailto:frack@nsf.gov)

Advancing Arctic science through research, education, and collaboration.

From: Danielle Dickson <danielle.dickson@nprb.org>
Date: Tuesday, May 2, 2023 at 4:28 PM
To: Crain, Renee D. <rcrain@nsf.gov>
Cc: Rack, Frank R. <frack@nsf.gov>, Ruck, Kate E. <kruck@nsf.gov>
Subject: [EXTERNAL] - Visit to NSF office May 17 or 18?

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Renee,

I hope you're doing well and enjoying the start of spring. We still have snow on the ground here in Anchorage, but it's melting fast.

I plan to visit the D.C. area May 16-18 for meetings with the Alaska delegation with the NPRB Executive Director and Science Director. I wondered if you will be around and if you would welcome a visit at the NSF office? It's always nice to catch up in person. We're waiting to hear back from Rep. Peltola's office about a date/time for our meeting with her, but as of now I'm available on Wednesday afternoon and Thursday morning. (I'm planning to meet with David

Allen and the NOAA OAR staff in Silver Spring on Wednesday morning.)

NPRB is beginning to plan for the Northern Bering Sea Integrated Ecosystem Research Program (IERP) and our Board met recently and made some decisions about our timeline. I hope you will be willing to speak with me about how we might consider coordinating to support research logistics like ship time. I've copied Frank Rack and Kate Ruck in case it makes sense to talk about this together.

Would you like to try to meet in person while I'm in the area? I had hoped to visit several of the Program Directors in the Arctic Sciences section, but it seems many of them are busy with panels that week. If getting together in person doesn't work out, might you be willing to speak via Zoom sometime soon?

Thanks,
Danielle

Danielle Dickson
Senior Program Manager/Chief Officer for Collaboration and Synthesis
North Pacific Research Board
1007 W. 3rd Avenue, Suite 100
Anchorage, AK 99501
Tel.: (907) 644-6716

Co-Lead of the Marine Ecosystems Community of Practice
Interagency Arctic Research Policy Committee
www.iarpccollaborations.org

Meeting ID:

(b) (4)

Passcode:

(b)

SIP:

(b) (4)

Passcode:

(b)

(b) (4) [REDACTED]

Passcode:

(b) [REDACTED]

From: [Kowalewski, Douglas E.](#)
To: [GEO Staff](#)
Subject: GEO Climate Challenge Watch Party (Friday 2/18) - Summary and Transcript
Date: Thursday, February 17, 2022 3:47:38 PM
Attachments: [Summary for GT5 COP26 AGUPanel.docx](#)
[GT5 COP26 AGUPanel Transcript.docx](#)

Hello All,

Please find the summary and transcript for tomorrow's (2/18) Watch Party attached (also uploaded to [Teams](#)). Tomorrow is a viewing of the AGU Fall Meeting Panel on COP26. Panelists include Margaret Leinen (Scripps Institution of Oceanography), Jean Pierre Ometto (Brazilian National Institute for Space Research), Twila Moon (National Snow and Ice Data Center), and Jean-Pascal van Ypersele (Catholic University of Louvain).

Thanks to everyone for participating and for the continued discussions that have followed the viewings!

Anne, Doug, Jessica, and Lisa

--

[Douglas Kowalewski](#)
Section Head, Antarctic Sciences
Office of Polar Programs
National Science Foundation
2415 Eisenhower Ave, Alexandria VA 22314
dkowalew@nsf.gov
703-292-2181

From: [Spratley, Rasheda](#)
To: [GEO Staff](#)
Subject: GEO Staff Weekly Newsletter
Date: Tuesday, November 8, 2022 11:20:10 AM
Attachments: [GEO weekly newsletter Nov 7 2022.pdf](#)
[Management Team Meeting Minutes 11-1-2022.pdf](#)
[GEO Nov 2022 Summary final.pdf](#)

Good Morning,

Pardon our delay and for being missing last week. We have read your thoughts and comments and are actively working to implement some ideas and improve the newsletter. We are working on a new format so please bear with us as we try some new things over the next few weeks to see what works best.

Have a great week

Rasheda Spratley

Program Analyst
Directorate for Geosciences
National Science Foundation
rspratle@nsf.gov
703-292-8443

703.292.2614

From: [Walker, Beverly J](#)

To: (b) (6)
(b) (6)
(b) (6)
[Hill, Erica](#); [Rack, Frank R.](#); (b) (6)
(b) (6)
[Frink, Liam](#); [Rom, Elizabeth L.](#);
(b) (6)
[Crain, Renee D.](#); (b) (6)
[Delgado, Roberto](#); (b) (6)
[Shinbrot, Xoco](#); (b) (6)

Subject: IARPC December Staff Group meeting Notes and Slides

Date: Thursday, December 8, 2022 3:29:53 PM

Attachments: [December Staff Group Meeting Notes \(1\).pdf](#)
[Staff Group Slides – December 2022 \(2\).pdf](#)

Good Afternoon IARPC Staff Group,

Attached are the notes and slides from Monday's Staff Group meeting. The next Full Staff Group Meeting will be February 13, 2023. Please let me know if there are topics you would like to see included on a future Staff Group meeting agenda.

In January, the Agency POCs will meet for their quarterly focused meeting.

Happy and Safe Holidays to all,
~Bev

Beverly Walker
(she/her)
Science Analyst
Office of Polar Programs
National Science Foundation
--
Executive Secretary
Interagency Arctic Research
Policy Committee
(IARPC)

703.292.2614

From: Walker, Beverly J <bwalker@nsf.gov>
Date: Tuesday, December 6, 2022 at 10:05 AM
Subject: Re: [EXTERNAL] - Re: IARPC December Staff Group meeting Agenda

Good Morning IARPC Staff Group,

Thank you all for an informative Staff Group meeting yesterday. A few follow-up items are below. Notes and slides will be shared later this week.

If you have any recommendations for additional individuals that may be interested in co-leading the PRILR team, please do not hesitate to share those with Sorina Stalla at (sorina@iarpccollaborations.org).

If you haven't already, please share the call for non-federal leads throughout your networks ASAP. IARPC post with information about this call:
<https://www.iarpccollaborations.org/updates/23492>

Thank you,
~Bev

From: Meredith LaValley <meredith@iarpccollaborations.org>
Date: Friday, December 2, 2022 at 5:30 PM
To: Walker, Beverly J <bwalker@nsf.gov>
Subject: [EXTERNAL] - Re: IARPC December Staff Group meeting Agenda

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Attached you will find the draft agenda for the IARPC Launch Workshop for Team Leaders. We will discuss the agenda at the Staff Group meeting on Monday.

Thank you,
Meredith

On Fri, Dec 2, 2022 at 11:35 AM Walker, Beverly J <bwalker@nsf.gov> wrote:

Good Afternoon IARPC Staff Group Members,

Attached please find the agenda for Monday's Staff Group Meeting as well as an information paper on the Ted Stevens Center. In the agenda there are two additional links I would like to draw your attention to:

[Guidance for Federal Departments and Agencies on Indigenous Knowledge](#)
[U.S. Department of Energy Arctic Strategy](#)

We look forward to seeing you all on Monday.

Cheers,

~Bev

Beverly Walker

(she/her)

Science Analyst

Office of Polar Programs

National Science Foundation

--

Executive Secretary

Interagency Arctic Research

Policy Committee

(IARPC)

703.292.2614

--

Meredith LaValley

(she/her)

Interagency Arctic Research Policy Committee

Policy Analyst & Director of IARPC Collaboration Team Activities

940-733-5675

I live and work on the land of the Dena'ina people.

From: [Walker, Beverly J](#)
To: [Hill, Erica](#); (b) (6); [Sung, Nancy](#); (b) (6)
Subject: IARPC SG Notes for approval
Date: Tuesday, December 6, 2022 11:01:02 PM
Attachments: [December Staff Group Meeting Notes.docx](#)
[Staff Group Slides – December 2022.pdf](#)

Hello Everyone,

Thank you for presenting yesterday!

Attached are the draft notes and slides from yesterday's meeting. Please let me know if any changes are needed by 12pm EST Thursday. Also please let me know if I may share the slide deck as assembled with all your slides.

Cheers,
~Bev

Beverly Walker
(she/her)
Science Analyst
Office of Polar Programs
National Science Foundation

--
Executive Secretary
Interagency Arctic Research
Policy Committee
(IARPC)

703.292.2614

where your agency can help advance PILR deliverables.

Please let me know if you have any questions on this.
Thank you for your consideration before our Staff Group Meeting,
~Bev

Beverly Walker

(she/her)

Science Analyst

Office of Polar Programs

National Science Foundation

--

Executive Secretary

Interagency Arctic Research

Policy Committee

(IARPC)

703.292.2614

From: [Walker, Beverly J](#)
To: (b) (6)
(b) (6)
(b) (6)
(u) (b)
[Hill, Erica; Rack, Frank R.](#); (b) (6)
[Rom, Elizabeth L.](#); (b) (6)
[Sung, Nancy](#); (b) (6)
[Crain, Renee D.](#); (b) (6)
[Delgado, Roberto](#); (b) (6)
[Shinbrot, Xoco](#); (b) (6)
Subject: IARPC Staff Group June Meeting notes
Date: Monday, June 13, 2022 8:36:04 AM
Attachments: [June Staff Group Meeting Notes.pdf](#)
[Staff Group Slides – June 2022.pdf](#)

Dear IARPC Staff Group:

Attached, please find the action items summary from the June 6, 2022 meeting of the IARPC Staff Group. If you have any comments or corrections to the notes, please send them to me by June 17.

If you are uncertain who your Agency POC is for coordinating your agency input for the action items on the draft BIP objective and deliverables as well as the report to Congress on an Arctic observing network, please let me know.

The next meeting of the IARPC Staff Group will be July 11. If you have items you would like included in the agenda, please send them to me by June 24.

Take Care,
~Beverly

Beverly Walker
Executive Secretary
Interagency Arctic Research Policy Committee
(IARPC)

Science Analyst
Office of Polar Programs
National Science Foundation

From: [Walker, Beverly J](#)
To: [Hill, Erica](#)
Cc: [Sung, Nancy](#); [Mercer, Jennifer](#)
Subject: IARPC Staff Group Meeting Intro to the new WH Indigenous Knowledge Guidance
Date: Friday, December 2, 2022 10:14:39 AM

Hi Erica,

Nancy and I were interested in highlighting the release of the new WH Indigenous Knowledge Guidance during Monday's IARPC Staff Group Meeting. Are you willing and available to give a 3-5min introduction to the Guidance?

We can certainly share the link to the Guidance before the meeting.

Staff Group is from 3-5pm EST on Monday, December 5th. This introduction to the guidance can occur quite early in the meeting.

Please let me know if you are available and interested in providing a brief introduction.

Cheers,
~Bev

From: [Walker, Beverly J](#)

To: (b) (6)

(b) (6)

[Walker, Beverly J](#); (b) (6)

; [Hill, Erica](#); [Rack, Frank R.](#); (b) (6)

(b) (6)

[Rom, Elizabeth E.](#); (b) (6)

[Delgado, Roberto](#); (b) (6)

[Crain, Kenee D.](#); (b) (6)

[Shinbrot, Xoco](#); (b) (6)

Subject: IARPC Staff Group Sept 12, 2022

Date: Friday, September 9, 2022 5:57:37 PM

Attachments: [September Staff Group Meeting Agenda .docx](#)
[IARPC Team Terms of Reference.pdf](#)
[Second Draft of Report to Congress.pdf](#)

Good Afternoon IARPC Staff Group,

Attached please find:

- Agenda for Monday's Staff Group meeting
- Terms of Reference (ToRs)
- Second order draft of the US AON Report to Congress. NOTE: a tasker will be sent Monday afternoon to Agency POC's with the process for returning Agency comments. We will ask for a one week turn around.

We look forward to seeing you on Monday.

Cheers,

~Bev

Beverly Walker

(she/her)

Science Analyst

Office of Polar Programs

National Science Foundation

--

Executive Secretary

Interagency Arctic Research Policy Committee

(IARPC)

703.292.2614

From: [Hill, Erica](#)
To: [Carolina Behe](#)
Cc: [Pope, Allen James](#)
Subject: ICC data archiving project
Date: Monday, March 21, 2022 11:43:13 AM

Dear Carolina,

Thank you for sending on the prospectus for an Inuit-centered ICC archive. I've now had a chance to review the document, and discuss it with my colleague, Allen Pope, who heads our Cyberinfrastructure program.

Both Allen and I are interested in this idea, and we'd like to push the dialogue forward. We'd like to encourage ICC to either 1) articulate a research question that NSF could potentially support related to the proposed activities or 2) describe in greater detail how data archiving would facilitate research by others (this would necessarily include a plan for outreach/dissemination of info about the archive as a resource—i.e., a plan for discoverability). We can also support research and workshop activities that promote or develop archiving and data management activities. For example, one of the activities the prospectus suggests is: "Consult with leading experts in Indigenous archiving, information management, software design, metadata, and intellectual property."

NSF could definitely support a workshop or gathering that brings together Indigenous archiving experts to discuss these issues, most of which are related to your other needed activities. A research question might be "what does Inuit-centric metadata and controlled vocabulary look like?" or "what would an Inuit-centered policy for archiving, data access and use look like?"

Another possibility is to submit a planning proposal to support the initial stages of the project (i.e., collaboration to consult with experts in Indigenous archiving, etc.). Is it possible for your proposal to articulate with other Indigenous data initiatives supported by NSF? For example, could ICC collaborate with the ELOKA repository? Or would a workshop to confer with ELOKA and other existing Indigenous repositories be helpful?

<https://eloka-arctic.org/>

Since Māori and Canadian First Nations have been very involved with these questions, it might make sense to bring them together with Inuit from Alaska and elsewhere to 'answer' some of these questions. We'd very interested in supporting the activities that lay the foundation for an Inuit archive, and develop collaborations with other Indigenous groups that are also dealing with these issues. The workshop(s) or planning award could use some of the existing ICC documents as case studies for dealing with these questions—for example, some of the reports, policy documents and meeting notes might be used by workshop participants to stimulate discussion of metadata and sharing principles.

During my discussion with Allen, some other questions that come up are—how does what ICC Alaska is proposing articulate with ICC Canada or ICC Greenland? Are there any existing Inuit data standards from Canada that may be explored as a starting point—for example, to what extent can ICC Alaska use existing models developed elsewhere as the foundation for an Inuit-centered framework? I ask this question because I recently became aware of the Indigenous Knowledge tagging system from Local Contexts:

<https://localcontexts.org/labels/traditional-knowledge-labels/>

I wonder if such a system might be a starting point for the development of Inuit labels? A workshop could bring together people to discuss all of these issues, and perhaps develop a broader framework for Inuit data that goes beyond Alaska.

Allen and I see a lot of relevant and important questions in the prospectus you sent, and we'd be very interested in helping to advance Inuit data sovereignty in Alaska. There are several avenues for NSF support and we'd be happy to talk them through with you. Both Allen and I see how an archive of ICC materials would be of great use to both Indigenous and non-Indigenous researchers.

Let us know if you'd like to meet to discuss further.

Best wishes,
Erica

Erica Hill, PhD
Program Officer, Arctic Social Sciences
National Science Foundation

Office: 703.292.4521

Arctic Research Funding Opportunities ([NSF 21-526](#)) no deadline

Arctic Dissertation Research Grants ([NSF 20-597](#)) Next Deadline: May 15, 2022

From: [Sung, Nancy](#)
To: [OPP ARC Program Officers](#)
Cc: [Mercer, Jennifer](#)
Subject: INPUT NEEDED BY THURS 6/23: Draft BIP Objectives
Date: Tuesday, June 21, 2022 3:39:57 PM
Attachments: [June 1 Draft Objectives and Deliverables.pdf](#)
[Biennial Implementation Plan Outline.pdf](#)

Hello Arctic Colleagues-

I'm writing with a short-fuse request, for which I apologize, as I was on leave and it slipped. NSF is asked to review an early draft of the objectives and deliverables for the 2022-2024 Biennial Implementation Plan (BIP). ([Here](#) is the 2022-26 ARP). The BIP outline (attached and in Teams [here](#)) was already approved by the IARPC Principals, so that is not up for comment- rather, it is the 'guts' of the BIP we can comment on, to make any early adjustments before a more set-in-stone version comes to us in July.

I need your input on this by COB on Thursday, June 23, so that I can collate and submit to IARPC on Friday.

Here is how to provide input:

- The [Draft Objectives and Deliverables doc is in Teams](#) and also attached to this email.
- It is a pdf so you cannot comment directly on it
- Please enter your comments into [this spreadsheet, in Teams](#).
- If this is too cumbersome, you can list your comments in an email to me, and please reference which PA/FA and which objective/deliverable you are commenting on.

Please consider the following as you review- focusing on content (not copy-editing):

1. **Agency alignment:**
 - a. Where your agency is currently listed - are you okay with signing on to collaborate on deliverables where your agency is listed?
 - b. Are there deliverables where your agency is not listed and it should be?
 - c. In some cases, teams have left agency alignment blank and are seeking input on where your agency wants to align. In other cases, teams have listed agencies they think should align and are seeking confirmation.
 - d. We are asking agencies to be specific about which component agencies (example USGS under DOI) should be aligned.
2. **Objectives and deliverables** (definitions at the end of the message): Are there any major gaps that need to be addressed in an interagency setting?
 - a. Please consider if this gap needs to be addressed in the next two years?
 - b. If you identify a gap, please identify someone from your agency to help with drafting
3. **Contributing drafters** are listed below in the tables.
 - a. If you think someone from your agency should be involved in drafting a specific objective or deliverable and they are not listed (below), please send their name, email, and what objective/deliverable they would like to work on to me, and I will forward

them all to IARPC.

THANK YOU and again, I apologize for the tight turnaround on this. Definitions and list of team personnel are below. Many thanks are due to Greg for getting us to this point!

Best,
Nancy

Nancy Sung, Ph.D.
Science Policy Advisor
Office of Polar Programs
Geosciences Directorate
National Science Foundation
2415 Eisenhower Ave, Alexandria VA 22314

Definitions

Objective: Specific research action that advances the goals

Deliverable: Tangible, measurable, and easily communicated research product that demonstrates progress made toward satisfying the objectives and goals and is made available to relevant decision-makers and partners. Deliverables could also include achievements resulting from the establishment of new relationships.

For your reference, the names of the current biennial implementation plan steering committee and the BIP drafting team members are listed below.

Biennial Implementation Plan Steering Committee

Sally McFarlane	DOE	(b) (6)
Janet Intrieri	NOAA	(b) (6)
Kaja Brix	NOAA	(b) (6)
Alyson Azzara	DOT	(b) (6)
Greg Anderson	NSF	greander@nsf.gov
Eric Gottshall	DOD	(b) (6)
Dee Williams	DOI	(b) (6)
Cathy Coon	DOI	(b) (6)
Adebowale Odegbile	HHS	(b) (6)
Thorsten Markus	NASA	(b) (6)
Beverly Walker	IARPC	bwalker@nsf.org
Larry Hinzman	IARPC/OSTP	(b) (6)
Meredith LaValley	IARPC	meredith@iarpccollaborations.org
Nikoosh Carlo	IARPC	(b) (6)

Sorina Stalla

IARPC

sorina@iarpccollaborations.org

Biennial Implementation Plan Drafting Teams:

Name	Email
PA 1 - Community Resilience and Health	
Suzanne vanDrunick (lead)	(b) (6)
David Payer (DOI) (lead)	(b) (6)
Xoco Shinbrot (NSF) (POC)	xshinbro@nsf.gov
Christina Bonsell (BOEM)	(b) (6)
Dana Bruden (CDC)	(b) (6)
David Paschane (IHS)	(b) (6)
Tahzay Jones (NPS)	(b) (6)
Adebowale Odegbile (HHS)	(b) (6)
Isabel Walls (USDA)	(b) (6)
Stacey Wiggins (HHS)	(b) (6)
Jeffrey Hamer (HHS)	(b) (6)
Sheila Fleischhacker (USDA)	(b) (6)
PA 2 - Arctic Systems Interactions	
David Allen (DOC) (lead)	(b) (6)
David Legler (DOC) (lead)	(b) (6)
Scott Harper (DOD) (lead)	(b) (6)
Renu Joseph (DOE) (lead)	(b) (6)
Mike Falkowski (NASA) (lead)	(b) (6)
Allen Pope (NSF) (lead)	apope@nsf.gov
PA 3 - Sustainable Economies and Livelihoods	
George Roe (DOE) (lead)	(b) (6)
Erik Obrien (Denali Commission) (lead)	(b) (6)
Shirley Kelly (DOC)	(b) (6)
Chad Stovall (HUD)	(b) (6)
Candi Hudson (DOI)	(b) (6)
Olivia Lee (NSF) (POC)	olee@nsf.gov
Alyson Azzara (DOT) (POC)	(b) (6)
Brandon White (DOT)	(b) (6)
Adebowale Odegbile (HHS)	(b) (6)
Cheryl Rosa (USARC) (POC)	(b) (6)
Tami Fordham (EPA)	(b) (6)

PA 4 - Risk Management and Hazard Mitigation	
John Vehmeyer (DHS) (lead)	(b) (6)
Thomas Douglas (DOD) (lead)	(b) (6)
Steve Gray (DOI) (lead)	(b) (6)
Renee Crain (NSF) (POC)	rcrain@nsf.gov
Jocelyn Fenton (Denali Commission)	(b) (6)
Liza Mack (Denali Commission)	(b) (6)
Participatory Research and Indigenous Leadership in Research	
Crystal Leonetti (FWS) (lead)	(b) (6)
Maija Lukin (NPS) (lead)	(b) (6)
John Pearce (POC)	(b) (6)
Maktuayaq Mellisa Johnson (IARPC)	maktuayaq@iarpccollaborations.org
Data Management	
Michael Brady (DOD)	(b) (6)
Allen Pope (NSF) (POC)	apope@nsf.gov
Education Training and Capacity Building	
Kaja Brix (DOC) (lead)	(b) (6)
Lisa Rom (NSF) (lead)	elrom@nsf.gov
Monitoring, Observing, Modeling, and Prediction	
Xujing Davis (modeling) (DOE) (lead)	(b) (6)
Sally McFarlane (observing) (DOE) (lead)	(b) (6)
Roberto Delgado (NSF) (POC)	robdelga@nsf.gov
Jessica Cherry (NOAA)	(b) (6)
Thorsten Markus (NASA)	(b) (6)
Mitchell Bushuk NOAA	(b) (6)
Technology Innovation and Application	
Jonathan Blythe (BOEM) (lead)	(b) (6)

Federal Collaboration Team Leads

Team Leader	Agency	Team	Email
Barry Lefer	NASA	Atmosphere	(b) (6)
Christina Bonsell	FWS	Coastal Resilience	(b) (6)
Tahzay Jones	BOEM	Coastal Resilience	(b) (6)
Joseph MacGregor	NASA	Glaciers	(b) (6)
Kaitlin Harbeck	USGS	Glaciers	(b) (6)

Zoe Courville	DOD	Glaciers	(b) (6)
Dana Bruden	CDC	Health	(b) (6)
Michael Banyas	NIMHD	Health	(b) (6)
Cathy Coon	BOEM	Marine Ecosystems	(b) (6)
Renu Joseph	DOE	Modeling	(b) (6)
Sally McFarlane	DOE	Observing	(b) (6)
Miriam Jones	USGS	Permafrost	(b) (6)
Jonathan O'Donnell	NPS	Permafrost	(b) (6)
Cynthia Garcia-Eidell	NOAA	Sea Ice	(b) (6)
Nathan Kurtz	NASA	Sea Ice	(b) (6)
Liz Hoy	NASA	Terrestrial	(b) (6)
Jeremy Littell	USGS	Terrestrial	(b) (6)
Elizabeth Powers	USGS	Terrestrial	(b) (6)
Allen Pope	NSF	Diversity & Inclusion	apope@nsf.gov
Olivia Lee	NSF	Diversity & Inclusion	olee@nsf.gov
Lisa Rom	NSF	STEM	(b) (6)
Kaja Brix	NOAA	STEM	(b) (6)
Jonathan Blythe	BOEM	Tech	(b) (6)

From: [Van Hartesveldt, Carol J.](#)
To: [Chase, Lura](#); [Hill, Erica](#)
Subject: links?
Date: Tuesday, May 16, 2023 9:51:30 AM

Good morning Jody and Erica,
A question has come up with respect to the use of links in the template on Indigenous Knowledge.

Do you encourage or discourage their use? Please let me know.

Thanks,
Carol

From: [National Science Foundation Update](#)
To: [Hill, Erica](#)
Subject: March SBE Updates Funding opportunities, events, news from awardees
Date: Friday, March 31, 2023 12:47:36 PM

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Funding opportunities and announcements

[Centers for Research and Innovation in Science, the Environment and Society \(CRISES\)](#)

This new program supports interdisciplinary research to create evidence-based solutions that strengthen human resilience, security and quality of life by addressing

seemingly intractable challenges that confront our society.

[Archaeology Program Senior Research Awards \(Arch-SR\)](#)

New guidelines have been published for faculty-level proposals to the Archaeology Program.

[Human-Environment and Geographical Sciences \(HEGS\)](#)

The HEGS Program has published a Dear Colleague Letter encouraging supplement requests to support students from Minority Serving Institutions or community colleges.

[Human Networks and Data Science \(HNDS\)](#)

Updated guidelines have been published for the HNDS Program, including a new deadline date for one of the program tracks.

[Mid-scale Research Infrastructure-2](#)

Updated guidelines have been published for this program that supports the implementation of research infrastructure, including equipment, cyberinfrastructure, large-scale datasets and personnel.

[A Science of Science Approach to Analyzing and Innovating the Biomedical Research Enterprise \(SoS:Bio\)](#)

This program has a new acronym and updated guidelines. The [Frequently Asked Questions about SBE's Science of Science Programs](#) have also been updated.

[Radio Spectrum Sharing - The Human Environment](#)

This new Dear Colleague Letter invites proposals and supplemental funding requests that advance dynamic and agile spectrum sharing by studying its human environment, which includes economic, social and incentive issues.

News from our awardees

A white horse and her spotted foal. Credit Sacred Way Sanctuary



Landmark study on history of horses in American West relies on Indigenous knowledge

Indigenous histories, archeology and DNA show that horses were central to Native American cultures in the Great Plains as early as the 1600s, a century before European records suggest.



[Using AI to unlock the mystery of El Niño's impact on droughts and floods](#)

Researchers have shown that using machine learning to analyze existing data can yield insights about the impact of El Niño on the world's great river systems—the Ganges, Congo and Amazon—and ultimately, regional weather patterns.

Reconstruction of what a neanderthal might have looked like. Credit NMNH



Gene variations for immune and metabolic conditions have persisted in humans for more than 700,000 years

The researchers suggest these variations have been maintained by natural selection and may protect against infectious diseases, outbreaks and starvation.

Students on UNC campus. Credit Dennis Ludlow - Sharkshock/CC



[Study reveals steady rise in multiple funding methods needed to pay for college](#)

The proportion of students who utilize only one or two funding sources decreased over recent decades, while those juggling three or more increased. Students using multiple sources have also become less likely to obtain a graduate degree.

Opinions, findings or recommendations of NSF awardees or their institutions do not necessarily reflect the views of the National Science Foundation.

Updates from the National Center for Science and Engineering Statistics

Standard Application Process for access to data from 16 federal agencies

The Federal Statistical System has adopted a Standard Application Process (SAP) for applying for access to federal confidential data assets from [16 federal statistical agencies and units](#), with the National Center for Science and Engineering Statistics serving as the project management office for this transformational effort. Visit the [Standard Application Process](#) web page for more information, including benefits, phases of development and how to get involved.

For information on each agency's collection of confidential data assets or to begin a new application, please visit the new platform at [ResearchDataGov.org](#).

Collaboration by NCSES and the Bureau of Economic Analysis on Global Value Chains and Intangibles

NCSES and the Bureau of Economic Analysis (BEA) are collaborating on a new project to better understand production and use of research and development and other intellectual property products in global value chains. Global value chains are the increasingly complicated supply chains that can link multiple countries together in the stages to produce a final good or service. These efforts have yielded the report: [Production and Trade of Knowledge- and Technology-Intensive Industries. Science and Engineering Indicators 2022.](#)

For more information on this ongoing work, please visit BEA's [global value chains](#) web page or read their [blog about new trade-in-value-added statistics](#).

ICYMI: Recent NCSES Publications

[Women Made Up Over a Quarter of All Business R&D Employees in 2020](#)

[Businesses Invested \\$32.5 Billion in Assets to Support Their R&D Activities in the United States in 2020](#)

Upcoming events

April 3 and 14

[HBCU-EiR Planning Grant DCL Webinar](#)

April 11

[Building the Prototype Open Knowledge Network \(Proto-OKN\) Introduction Webinar](#)

April 13, 20 and May 11

[Human Networks and Data Science Program Office Hour](#)

April 14 and 17

[Mid-scale Research Infrastructure RI-2 Informational Webinars](#)

April 18 and May 16

[ExpandAI Virtual Office Hours](#)

April 25

[Sociology Program Office Hour](#)

May 9-10

[National Science Board Meeting](#)

SBE Divisions

[Division of Behavioral and Cognitive Sciences \(BCS\)](#)

BCS supports basic research in the psychological, linguistic, anthropological, and geographical sciences.

[Division of Social and Economic Sciences \(SES\)](#)

SES supports disciplinary, interdisciplinary, and methodological research and big data and survey infrastructure.

[National Center for Science and Engineering Statistics \(NCSES\)](#)

NCSES is the leading provider of statistical data and information on the U.S. science and engineering enterprise.

[SBE Office of Multidisciplinary Activities \(SMA\)](#)

SMA supports interdisciplinary research and education in the social, behavioral, and economic sciences, including SBE's intersections with other science and engineering fields.

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From: [Clough, Lisa](#)
To: [GEO Staff](#); [Brown-Steiner, Benjamin E.](#)
Subject: Materials to support GEO Climate Challenge Watch Party #2
Date: Thursday, February 3, 2022 7:25:25 PM
Attachments: [Summary for AGU GT1B.docx](#)
[GEOCC transcript 1B.docx](#)
[Apocalypse When Global Warming's Endless Scroll - The New York Times.pdf](#)

Hello all-

Thanks for your patience. A few scheduling challenges for me today.

Please see attached the summary and the transcript for tomorrow's (Friday, 2/4) watch party. We'll post all of these on the Teams site tomorrow.

I have also attached a piece from the NYT today- seemed like an interesting addition to the topic for tomorrow, which is really focused on changing culture. We'll watch talks from an activist, an Indigenous scholar, and someone from Greenpeace.

Look forward to seeing those who can make it.

Anne, Doug, Jessica, and Lisa

Lisa M. Clough, Ph.D.
Section Head
Division of Ocean Sciences
US National Science Foundation
703-292-4746

From: [Tupas, Jermelina](#)
To: [Follit, Emily](#)
Cc: [Strawhacker, Colleen](#); [Chase, Lura](#); [Hill, Erica](#)
Subject: May 2 Seminar
Date: Monday, April 18, 2022 8:41:00 AM
Attachments: [Announcement Talk-HSJGordonMay2-2022.docx](#)

Hi Emily,

Could you get us a registration link for this seminar? Colleen will be moderating this talk and I am asking Jody and Erica via this email if they can serve as my backup as co-host in case, I get an internet issue so we can continue the presentation. We will be having this seminar in two weeks; I'd appreciate getting the registration information soon so I can send an announcement with a link as well as the zoom invitation.

Thank you.

Jermelina

Jermelina Tupas, PhD

Deputy Division Director

Division of Human Resource Development

Directorate for Education and Human Resources

National Science Foundation

From: [Van Hartesveldt, Carol J.](#)
To: [Gerson, Julia](#); [Daniel, David](#); [Moore, Paco](#); [Gage, Stephanie](#); [Shinbrot, Xoco](#); [Sievvert, Regina](#); [Stalker-Lehoux, Sarah](#); [WinklerPrins, Antoinette](#)
Cc: [Tupas, Jermelina](#); [Blanco, Caroline M](#); [Chase, Lura](#); [Hill, Erica](#)
Subject: Meeting on Indigenous Knowledge project [Contains CUI]
Attachments: [180-Day-1K-Guidance-Progress-Report-Template \(AutoRecovered\).docx](#)
[1K-Guidance-Implementation-Memo.pdf](#)

CUI

Hello everyone,

Thank you so much for agreeing to represent your office/directorate in gathering information in response to the OSTP memo on Indigenous Knowledge. The following came from OD:

“NSF is tasked with providing an update to the White House about our progress related to the White House Guidance for Federal Departments and Agencies on Indigenous Knowledge (Guidance) <<https://www.whitehouse.gov/wp-content/uploads/2022/12/OSTP-CEQ-1K-Guidance.pdf>> and Implementation Memorandum <<https://www.whitehouse.gov/wp-content/uploads/2022/12/1K-Guidance-Implementation-Memo.pdf>>. OD would like EDU to take the lead on this effort, working with GEO to support.”

We are still missing a few people but given the deadline we must get started. In addition to the representatives working to gather information, I have also invited Jody Chase from EDU and Erica Hill from GEO. They work with NSTC so we are avoiding giving them double duty. They will help put the final document together using the template provided (attached). We are also staying in touch with Jermelina Tupas (EDU) and Caroline Blanco (OGC) who are working on increasing engagement with indigenous communities.

I have scheduled us to meet for an hour but we probably won't need it. We will go over the charge to the group and have a kickoff for this effort, which will have to take place very quickly. The deadline to get it to NSTC is May 30, 2023.

Carol Van Hartesveldt is inviting you to a scheduled ZoomGov meeting.

Join ZoomGov Meeting

(b) (4)

Meeting ID: (b) (4)

Passcode: (b) (4)

One tap mobile

(b) (4)

US (San Jose)

US (New York)

Dial by your location

(b) (4)

San Jose)

New York)

US Spanish Line)

US Spanish Line)

San Jose)

Meeting ID: (b) (4)

Find your local number: <https://nsf.zoomgov.com/j/7PMgVUYz>

Join by SIP

(b) (4)

Join by H.323

(b) (4)

US West)

US East)

Meeting ID: (b) (4)

Passcode: (b) (4)

From: [Tupas, Jermelina](#)
To: [NSF-Interest Group for Indigenous Communities](#); [Adams, Amanda S.](#)
Cc: [Srinivasan, Ashok](#); [Spengler, Sylvia J.](#); [Strawhacker, Colleen](#); [Blanco, Caroline M](#); [Shinbrot, Xoco](#); [Smith, Chrystal](#); [Richardson, Sandra](#); [Daniel, David](#); [Cubano, Luis A.](#); [Mattison, Siobhan M](#); [Smith, Holly E.](#); [Hamilton, Kristen](#); [Roehm, Charlotte](#); [O'Connor, Sally E.](#); [Hill, Erica](#); [Knoedler, Alicia J.](#); [de Strulle, Arlene](#); [Crain, Renee D.](#); [Guinn, Jeremy](#); [Mercer, Jennifer](#); [Walker, Beverly J](#); [Carney-Nunes, Charisse A.](#)
Subject: Monthly meeting
Attachments: [Heather Gordon Land Acknowledgement Presentation.pdf](#)

Anyone who is interested in having this conversation please come to this meeting. The topic for this meeting will be on NSF's take on Land Acknowledgement. I have attached a presentation by Heather Gordon on Land Acknowledgement when she was still with the Administration for Native Americans in November 2021. She has since moved to Child Trends. She was also an invited speaker for IGIC and talked about the diversity of US Indigenous people in May 2022.

We will still have our invited speaker on June 15, 2023, at 2-3 pm, so please make sure you also have this on your calendar.

Thanks,
Jermelina

Jermelina Tupas is inviting you to a scheduled ZoomGov meeting.

Join ZoomGov Meeting
(b) (4)

Meeting ID: (b) (4)
Passcode: (b) (4)
One tap mobile

(b) (4) S (San Jose)
S (New York)

Dial by your location

(b) (4) San Jose)
New York)
US Spanish Line)
San Jose)
US Spanish Line)

Meeting ID: (b) (4)
Find your local number: <https://nsf.zoomgov.com/j/4adNtwOIsSU>

(b) (4)

Join by H.323

(b) (4) US West)
US East)
Meeting ID: (b) (4)
Passcode: (b) (4)

From: [Rack, Frank R.](#)
To: [OPP ARC Program Officers](#)
Cc: [Rack, Frank R.](#)
Subject: NARL 75th Anniversary and EASE Workshop Final Agenda and Participants Lists
Date: Thursday, July 28, 2022 8:13:14 AM
Attachments: [FINAL 75th NARL Agenda 072522.pdf](#)
[NARL 75th Participants List Sorted Affiliation.xlsx](#)
[NARL 75th Participants List Sorted Last Name.xlsx](#)

All,

To keep you all informed, here is the final agenda for the Naval Arctic Research Laboratory 75th Anniversary Celebration and EASE Workshop Agenda and the sorted names and affiliations of the registered participants, FYI. I hope you find them informative and useful.

Best regards,

Frank

Frank R. Rack, Ph.D.
Program Manager
Research Support & Logistics (RSL)
Arctic Sciences Section, Office of Polar Programs (OPP), W7132
National Science Foundation
2415 Eisenhower Avenue
Alexandria, VA 22314
Tel: 703-292-2684 (direct)
Tel: 703-292-8029 (main)
[Email: frack@nsf.gov](mailto:frack@nsf.gov)

From: [Rack, Frank R.](#)
To: [OPP ARC Program Officers](#)
Cc: [Rack, Frank R.](#)
Subject: NASEM DRAFT P2C2 Workshop Report - NOT FOR PUBLIC RELEASE
Date: Wednesday, November 17, 2021 4:36:37 PM
Attachments: [P2C2 Proceedings FINAL.pdf](#)

All,

I wanted to share this draft report with you. It is based on the National Academy Workshop requested by NSF to help inform future discussions about the P2C2 Program within the NSF Geosciences Directorate.

It is not for public release, as described in the email pasted below.

If you have any questions or comments, please let me know.

Best regards,

Frank

Frank R. Rack, Ph.D.
Program Manager
Research Support & Logistics (RSL)
Paleo Perspectives on Climate Change (P2C2)
Arctic Sciences Section, Office of Polar Programs (OPP), W7132
National Science Foundation
2415 Eisenhower Avenue
Alexandria, VA 22314
Tel: 703-292-2684 (direct)
Tel: 703-292-8029 (main)
[Email: frack@nsf.gov](mailto:frack@nsf.gov)

Begin forwarded message:

From: "Belmecheri, Soumaya" <sbelmech@nsf.gov>
Subject: FW: [EXTERNAL] - Workshop Proceedings: Identifying New Community-Driven Science Themes for NSF's Support of Paleoclimate Research
Date: November 16, 2021 at 5:27:39 PM EST
To: GEO Paleo Perspectives on Climate Change Program Officers <p2c2@nsf.gov>

FYI.

From: "Silvern, Rachel" <RSilvern@nas.edu>
Date: Tuesday, November 16, 2021 at 11:55 AM
To: "Belmecheri, Soumaya" <sbelmech@nsf.gov>
Cc: "Staudt, Amanda" <AStaudt@nas.edu>
Subject: [EXTERNAL] - Workshop Proceedings: Identifying New Community-Driven Science Themes for NSF's Support of Paleoclimate Research

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear

Soumaya,

We are pleased to share the workshop proceedings, *Identifying New Community-Driven Science Themes for NSF's Support of Paleoclimate Research*. Together with the workshop and community questionnaire, we hope that you find the report informative and helpful.

You should feel free to share this within NSF, however, a reminder that this document is under embargo until public release and should not be distributed outside of the agency. The public release is currently scheduled for 11am EST on Friday, November 19th.

On behalf of the staff team and the workshop planning committee, thank you for supporting this project. Please don't hesitate to reach out with any questions.

Best,
Rachel

Rachel Silvern, Ph.D.
Associate Program Officer
Board on Atmospheric Sciences and Climate | Polar Research Board
The National Academies of Sciences, Engineering, and Medicine
Pronouns: she/her

From: [Tupas, Jermelina](#)
To: [NSF-Interest Group for Indigenous Communities; EHR ALL](#)
Subject: National Native American Heritage Month
Date: Wednesday, November 2, 2022 12:35:44 PM

Dear Colleagues,

November is National Native American Heritage Month (NNAHM).

To commemorate NNAHM, NSF's Tribal Colleges and Universities Program, Interest Group for Indigenous Communities, and Office of Equity and Civil Rights will host three events highlighting the diversity of culture, tradition, and languages of Native Americans.

- On Tuesday, November 8, from 2:00 PM – 3:30 PM EST, Join Dr. Dalee Sambo Dorough for a discussion on how the use of Indigenous knowledge “contributes to sustainable and equitable development and proper management of the environment” and how this acknowledgment can safeguard Inuit homelands and the distinct Arctic environment. [Please register to attend.](#)
- On Thursday, November 10, from 2:30 PM – 4:00 PM EST, Join Keolani Noa for a discussion on the educational systems in use by the Kanaka Maoli and its use as an investment into the identity of self-growth and competitive edge of the Kanaka autonomy to Hawaii's local and global communities. [Please register to attend.](#)
- *On Tuesday, November 15, from 1:00-2:30 pm EST, we have invited Darrick Lee of the Navajo Technical University. We are still getting this organized so we will send more information later. Please save these dates and join us in celebrating the National Native American Heritage Month*

Also, please consider using the [NSF's commemorative virtual background](#) during this month.

Jermelina

Jermelina Tupas, PhD

Deputy Division Director

Division of Equity for Excellence in STEM

Directorate for STEM Education

National Science Foundation

From: [Rack, Frank R.](#)
To: [OPP ARC Program Officers](#); [OPP RSL Staff](#)
Cc: [Rack, Frank R.](#)
Subject: Naval Arctic Research Laboratory (NARL) 75th Anniversary and EASE Workshop
Date: Tuesday, August 9, 2022 2:28:56 PM

All,

I've placed a copy of the presentations and other materials (e.g., videos, breakout group notes and summary presentations, etc.) from the NARL/EASE Workshop in TEAMS.

Look for files in the folders using this path: OPP-Arctic -> RSL -> NARL Outcomes
These files should be considered to be for internal NSF-ARC and RSL program use only.

In Sharepoint the URL is: (b) (4)

[REDACTED]

These files have not been edited. They are what was presented or captured from the meeting organized by date. The final workshop agenda is also provided.

The Workshop Breakout groups were: Arctic Security, Arctic Systems Science, Physical Sciences, Life Sciences.

Most of the Breakout Groups made summary presentations with slides (except for Life Sciences), but all of them have minutes of the breakout group discussions.

These are in the folder for Thursday, August 4th.

All of the talks and breakout group discussions were recorded and should be uploaded to a website for the workshop in the coming days or weeks (depending on fieldwork schedules). NSF will receive a workshop report with recommendations at a later date.

There are also some historical DoD and NARL films/videos from the 1940's and 1950's that Ben Jones provided to me. Some parts of the narration heard on the DoD/NARL videos is not consistent with modern standards – e.g., "Introduction to the Arctic", which talks about Eskimos and states that "practical men of average intelligence do well in the Arctic".

There is also an article about the workshop in the Alaska Beacon, which can be found at:
<https://alaskabeacon.com/2022/08/04/indigenous-knowledge-entwined-with-arctic-research-for-75-years-in-utqiagvik/>

If you have problems getting to the materials, please let me know.

Best regards,

Frank

Frank R. Rack, Ph.D.

Program Manager

Research Support & Logistics (RSL)

Arctic Sciences Section, Office of Polar Programs (OPP), W7132

National Science Foundation

2415 Eisenhower Avenue

Alexandria, VA 22314

Tel: 703-292-2684 (direct)

Tel: 703-292-8029 (main)

[Email: frack@nsf.gov](mailto:frack@nsf.gov)

From: [Chanon, Keith](#)
To: [Flanley, Catherine](#); [Fouché, Rayvon](#); [Tomkins, Alan](#); [DeSoto, Kurt A.](#); [Sereno, Joan A.](#); [WinklerPrins, Antoinette](#); [Mercer, Jennifer](#); [Sung, Nancy](#); [Hill, Erica](#); [Frink, Liam](#); [Pope, Allen James](#); [Bauchspies, Wenda](#); [Jesse, Jolene K.](#)
Cc: [Nikolaus, Roxanne](#)
Subject: NordForsk call on Arctic Research
Attachments: [NordForsk Action Plan for collaboration outside the Nordics 20191230 final.pdf](#)
[Skisse NordForsk Arctic call 2023_jf_nfr_highlightes.docx](#)
[NordForsk call on Arctic Research_email.pdf](#)

Microsoft Teams-møte

Bli med fra datamaskinen, mobilappen eller romenheten

(b) (4)

Møte-ID: (b) (4)

Passord: (b) (4)

Last ned Teams <<https://www.microsoft.com/en-us/microsoft-teams/download-app>> | Join on the web <<https://www.microsoft.com/microsoft-teams/join-a-meeting>>

(b) (4)

From: Arne Flåøyen <Arne.Flaoyen@nordforsk.org>
Sent: Wednesday, January 11, 2023 6:32 AM
To: Chanon, Keith <kchanon@nsf.gov>
Cc: Flanley, Catherine <cflanley@nsf.gov>; Bjørnar Solhaug Komissar <bjornar.komissar@nordforsk.org>
<<mailto:bjornar.komissar@nordforsk.org>>
Subject: [EXTERNAL] - NordForsk call on Arctic Research

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Keith,

I hope you are doing well and that 2023 has started in a very way for you.

I am contacting you regarding the possibility for NSF to work with NordForsk and the national funders of research in the Nordics on a call on "Arctic research". We know there is interest in all the Nordic countries for a joint call on the Arctic. Jon Fuglestad at the Research Council of Norway has drafted a short document outlining a few ideas for a new call. I have attached Jon's draft. As you can read from the document, Jon has already suggested that comparative studies between countries, including Canada and USA could be interesting.

I have also attached our action plan for collaboration with countries outside the Nordics explaining how NordForsk can work with countries outside the Nordics.

We are already in dialogue with public funding organisations in Canada and the Canadian Embassy in Oslo. The Canadians are interested in developing a joint call.

We have invited the national funders in the Nordics and the Canadian funders to a virtual workshop on Thursday 9 February from 15:00-17:00 CET (Oslo time). You and/or some of your colleagues are most welcome to participate at this workshop. Please inform me if this is of interest for NSF or not.

Regards

Arne

Med vennlig hilsen/Best regards

Arne Flåøyen

Direktør/Director

NordForsk

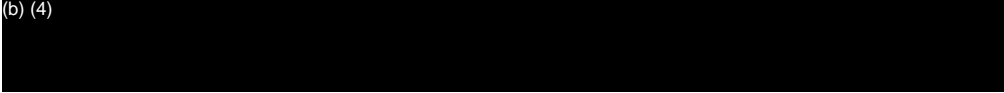
Stensberggata 27

NO-0170 Oslo

Mob + 47 482 24 286

arne flaoyen@nordforsk.org <mailto:arne flaoyen@nordforsk.org>

www.nordforsk.org <http://www.nordforsk.org/>

From: [Chanon, Keith](#)
To: [Mercer, Jennifer](#); [Sung, Nancy](#); [Hill, Erica](#); [Frink, Liam](#); [Pope, Allen James](#); [Flanley, Catherine](#); [Fouché, Rayvon](#); [Tomkins, Alan](#); [DeSoto, Kurt A.](#); [Serenó, Joan A.](#); [WinklerPrins, Antoinette](#)
Cc: [Nikolaus, Roxanne](#)
Subject: NordForsk call on Arctic Research
Start: Thursday, February 9, 2023 9:00:00 AM
End: Thursday, February 9, 2023 11:00:00 AM
Location: (b) (4)


Attachments: [NordForsk Action Plan for collaboration outside the Nordics 20191230_final.pdf](#)
[Skisse NordForsk Arctic call 2023_jf_nfr_highlightes.docx](#)

From: Arne Flåøyen <Arne.Flaoyen@nordforsk.org <mailto:Arne.Flaoyen@nordforsk.org> >
Sent: Wednesday, January 11, 2023 6:32 AM
To: Chanon, Keith <kchanon@nsf.gov <mailto:kchanon@nsf.gov> >
Cc: Flanley, Catherine <cflanley@nsf.gov <mailto:cflanley@nsf.gov> >; Bjørnar Solhaug Komissar <bjornar.komissar@nordforsk.org <mailto:bjornar.komissar@nordforsk.org> >
Subject: [EXTERNAL] - NordForsk call on Arctic Research

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Keith,

I hope you are doing well and that 2023 has started in a very way for you.

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We have invited the national funders in the Nordics and the Canadian funders to a virtual workshop on Thursday 9 February from 15:00-17:00 CET (Oslo time). You and/or some of your colleagues are most welcome to participate at this workshop. Please inform me if this is of interest for NSF or not.

Regards

Arne

Med vennlig hilsen/Best regards

Arne Flåøyen

Direktør/Director

NordForsk

Stensberggata 27

NO-0170 Oslo

Mob + 47 482 24 286

arne.flaoen@nordforsk.org <mailto:arne.flaoen@nordforsk.org>

www.nordforsk.org <http://www.nordforsk.org/>

From: [Paster, Mary](#)
To: [Sievert, Regina](#); [Pope, Allen James](#); [Johnson, Andrea](#); [Winklerprins, Antoinette](#); [Gonzalez-Vallejo, Claudia](#); [Marenda, Daniel R.](#); [Maughan, Douglas](#); [Hill, Erica](#); [Balaban, Evan](#); [Thiels, Edda](#); [Mantz, Jeffrey](#); [Koster, Jeremy](#); [Guinn, Jeremy](#); [Tupas, Jermelina](#); [Dearo, Jessie A.](#); [Chase, Lura](#); [Barthell, John](#); [White, Karen E](#); [Johnson, Kenyatta](#); [Campbell, Lara A.](#); [Molnar, Linda](#); [Sebrechts, Marc M.](#); [James, Martha L.](#); [Goulbourne, Nakhiah C.](#); [Sheehan, Reggie](#); [Nikolaus, Roxanne](#); [O'Connor, Sally E.](#); [Lim, Soo-Siang](#); [DiFazio, Stephen](#); [Spengler, Sylvia J.](#); [Langendoen, D. Terence](#); [Evans, Tom](#); [Kendall, Tyler S](#); [Bauchspies, Wenda](#)
Subject: Notes from Indigenous Research Exchange meeting 11/17
Date: Thursday, November 18, 2021 4:32:18 PM
Attachments: [Notes from NSF PO Meeting 11-17-21.pdf](#)

Hi everyone, many thanks to all who were able to attend yesterday's meeting on the Indigenous Research Exchange. For those who couldn't attend (or if you attended but would like a record of what we discussed), I'm attaching notes from the meeting.

You're receiving this email because you were on Gina's invitation list for yesterday's meeting, but feel free to let us know if you would like to opt out of future messages (e.g., invitations to future meetings).

Best,
Mary

Dr. Mary Paster
Program Director
Division of Behavioral and Cognitive Sciences
Directorate for Social, Behavioral, and Economic Sciences
National Science Foundation
2415 Eisenhower Ave.
Alexandria, VA 22314
(703) 292-2762

Linguistics Program: <https://beta.nsf.gov/funding/opportunities/linguistics>

DLI-DEL Program: <https://beta.nsf.gov/funding/opportunities/nsf-dynamic-language-infrastructure-neh-documenting-endangered-languages-dli>

From: [Haymes, Erika N.](#)
To: [OPP All](#)
Subject: Notes from the Wednesday, February 1, 2023, OPP Senior Staff Meeting
Date: Thursday, February 2, 2023 9:02:49 AM
Attachments: [02-01-23.docx](#)
[Senior Staff meeting 2.pdf](#)
[OPP Staff meeting ACE Initiative presentation 2.1.23.pdf](#)

Dear all,

On behalf of the Director, please find attached notes from the Wednesday, February 1, 2023, OPP Senior Staff Meeting.

Erika

=====

Erika N. Haymes (Davis)

Program Specialist

Office of Polar Programs

National Science Foundation

2415 Eisenhower Avenue

Alexandria, VA 22314

(703) 292-7421

From: [Haymes, Erika N.](#)
To: [OPP All](#)
Subject: Notes from the Wednesday, January 12, 2022, OPP Senior Staff Meeting
Date: Thursday, January 13, 2022 8:02:35 AM
Attachments: [01-12-22_RLM.docx](#)
[20220112_OPPSSM_Anderson.pptx](#)
[Pedersen etal.MovEco_2021.pdf](#)

Dear all,

On behalf of the Director, please find attached notes from the Wednesday, January 12, 2022, OPP Senior Staff Meeting.

Erika

=====

Erika N. Haymes (Davis)

Program Specialist

Office of Polar Programs

National Science Foundation

2415 Eisenhower Avenue, W7254E

Alexandria, VA 22314

(703) 292-8030

(703) 292-9081 (fax)

From: [Sloane, Karen E](#)
To: [OPP All](#)
Subject: Notes from the Wednesday, November 17, 2021, OPP Senior Staff Meeting
Date: Monday, November 22, 2021 1:49:38 PM
Attachments: [Senior Staff Minutes for 11-17-2021.docx](#)
[ARC Science Highlight 17 Nov 2021.pptx](#)
[Woodgate & Peralta-Ferriz 2021.pdf](#)

Dear all,

On behalf of the Director, please find attached notes from the Wednesday, November 17, 2021, OPP Senior Staff Meeting.

Best regards,

Karen Sloane

Program Specialist

Room W7254D

703-292-4576

ksloane@nsf.gov

From: [Haymes, Erika N.](#)
To: [OPP All](#)
Subject: Notes from the Wednesday, November 30, 2022, OPP Senior Staff Meeting
Date: Monday, December 5, 2022 12:03:37 PM
Attachments: [11-30-22.docx](#)
[ASSP highlight bears 1122.docx](#)
[ASSP Science Hightlight 113022.pptx](#)
[2021 OPP Comms Survey abbrev 11 27.pptx](#)

Dear all,

On behalf of the Director, please find attached notes from the Wednesday, November 30, 2022, OPP Senior Staff Meeting.

Erika

=====

Erika N. Haymes (Davis)

Program Specialist

Office of Polar Programs

National Science Foundation

2415 Eisenhower Avenue

Alexandria, VA 22314

(703) 292-7421

From: [Tupas, Jermelina](#)
To: [NSF-Interest Group for Indigenous Communities](#); [NSF Program Officers](#); [EHR ALL](#); [AAAS Fellows](#); [OD-OLPA-staff](#); [Employee Resource Group](#); [BFA ALL](#); [OGC All](#)
Subject: NSF Celebrates National Native American Heritage Month
Date: Monday, November 7, 2022 3:45:48 PM

This is a friendly reminder to join NSF's Tribal Colleges and Universities Program, Interest Group for Indigenous Communities, and Office of Equity and Civil Rights **THIS WEEK** for two events highlighting the diversity of culture, tradition, and languages of Native Americans. Please do not forget to register (see highlighted link below)

- On Tuesday, November 8, from 2:00 PM – 3:30 PM EST, Join Dr. Dalee Sambo Dorough for a discussion on how the use of Indigenous knowledge “contributes to sustainable and equitable development and proper management of the environment” and how this acknowledgment can safeguard Inuit homelands and the distinct Arctic environment. [Please register to attend.](#)

Opening remarks by Dr. Sethuraman Panchanathan, Director, NSF, and Dr. James Moore, Assistant Director, EDU/NSF

- On Thursday, November 10, from 2:30 PM – 4:00 PM EST, Join Keolani Noa for a discussion on the educational systems in use by the Kanaka Maoli and its use as an investment into the identity of self-growth and competitive edge of the Kanaka autonomy to Hawaii's local and global communities. [Please register to attend.](#)

Opening remarks by Brian Stone, Chief of Staff, NSF, and Peggy Hoyle, Senior Advisor, OECR

Jermelina

Jermelina Tupas, PhD

Deputy Division Director

Division of Equity for Excellence in STEM

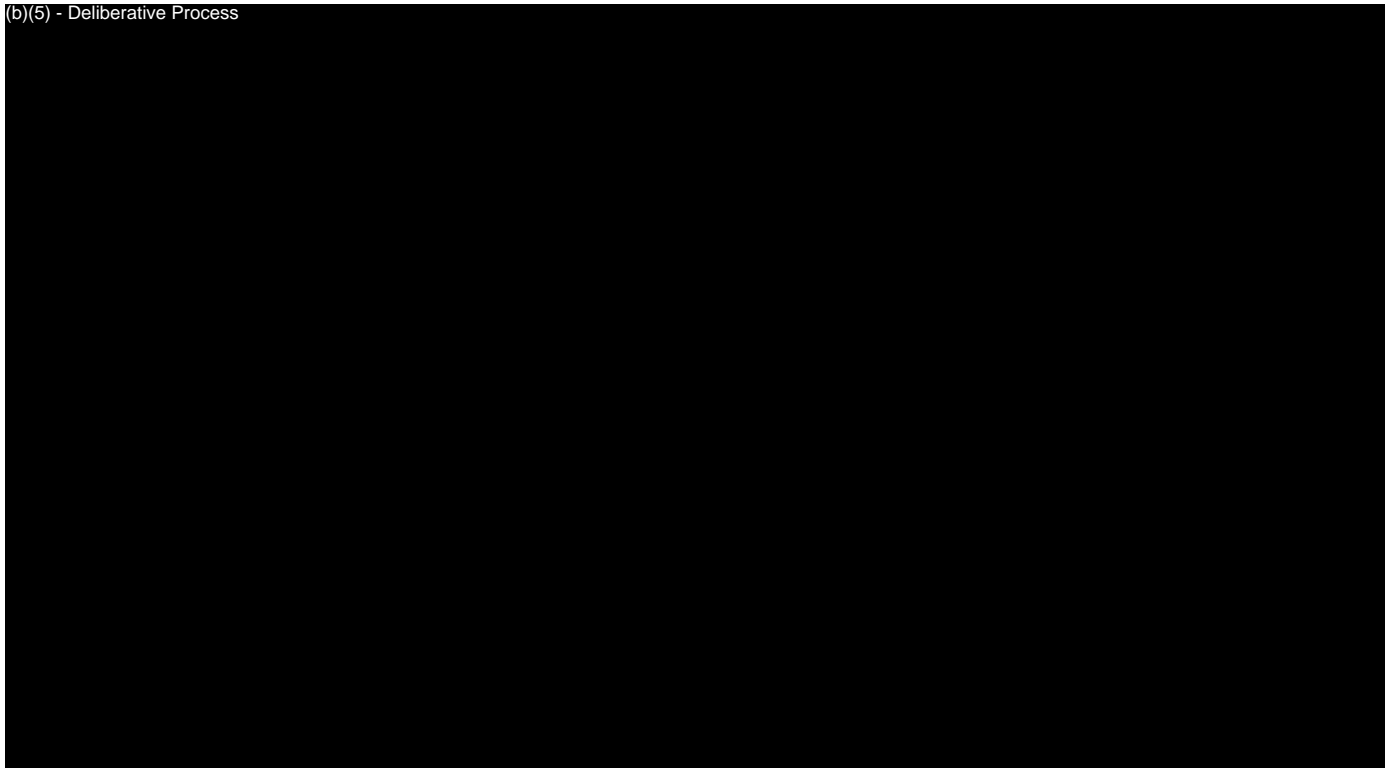
Directorate for STEM Education

National Science Foundation

From: [Jones, Brandon](#)
To: [Verardo, David J.](#)
Cc: [GEO Staff](#)
Subject: Of possible interest
Date: Thursday, May 11, 2023 10:11:59 AM
Attachments: [In Defense of Merit in Science.pdf](#)

Dave – thanks for sharing the article. Apologies for this late chime in as a number of us in RISE did not receive your email.

(b)(5) - Deliberative Process



Brandon

+++++

M. Brandon Jones, PhD - mbjones@nsf.gov
Program Director, Education & Broadening Participation
[National Science Foundation](#) | [GEO](#)
W [703 292 4713](tel:7032924713)
M [571 474 5764](tel:5714745764)
[2415 Eisenhower Avenue, Alexandria, VA 22314](#)

From: [Frink, Liam](#)
To: [OPP ARC Program Officers](#)
Subject: OPP/ARC ACE 2.0 strategic plan draft [Contains CUI]
Date: Tuesday, September 27, 2022 2:21:59 PM
Attachments: [OPP ARC ACE 2 Strategic Plan DRAFT 9 27 22.pdf](#)

CUI

Dear ARC colleagues,

Attached is the OPP/ARC Arctic Community Engagement (ACE 2.0) draft strategic plan we will discuss tomorrow. The creation of this plan is an iterative process and I welcome your comments, questions, and suggestions before and/or after our meeting tomorrow at 2:00 (EDT).

I look forward to our discussion tomorrow!

Best,
Liam

Liam Frink, Ph.D. (he/him)
Program Director, Arctic Social Science Program
Office of Polar Programs
National Science Foundation
2415 Eisenhower Avenue
Alexandria, VA 22314
Office Phone: 703.292.7584

From: [Edillon, Terri](#)
To: [OPP All](#)
Subject: OPP-related news and media
Date: Monday, January 9, 2023 5:32:04 PM
Attachments: [image004.png](#)

Happy New Year, OPP! Here's some news for you, some older, some new. As always, please send along anything of interest to oppcomms@nsf.gov, especially those PI-published papers!

Why it's crucial that scientists lend, not toss, specimens from Antarctica, Award #2015878 and 2015666

<https://phys.org/news/2023-01-crucial-scientists-toss-specimens-antarctica.html>

Current Antarctic conservation efforts are insufficient to avoid biodiversity declines, Award #1744794 and 1840058

<https://eurekalert.org/news-releases/974212>

Drill-site selection for cosmogenic-nuclide exposure dating of the bed of the Greenland Ice Sheet, Awards #1933938 and 1933927

<https://tc.copernicus.org/articles/16/3933/2022/>

Check out this fantastic AGU video about Greendrill! <https://www.youtube.com/watch?v=6Vj-I9vN66A>

Neutrinos from a Nearby Galaxy Reveal Black Hole Secrets

<https://www.scientificamerican.com/article/neutrinos-from-a-nearby-galaxy-reveal-black-hole-secrets/>

Paris Agreement temperature targets may worsen climate injustice for many island states, Award #1443347 and 2035080

<https://www.umass.edu/news/article/paris-agreement-temperature-targets-may-worsen-climate-injustice-many-island-states>

All that glitters is not gold: Multi-instrumental identification of Viking Age orpiment (As₂S₃) from Surtshellir cave, Iceland, Award #1355001

<https://www.sciencedirect.com/science/article/abs/pii/S2352409X2200387X?via%3Dihub&sf174056347=1>

The first complete picture of Arctic sea ice freeze-thaw cycle highlights sea ice response to climate change, Award #2034919

<https://phys.org/news/2022-12-picture-arctic-sea-ice-freeze-thaw.html>

[White House Releases First-of-a-Kind Indigenous Knowledge Guidance for Federal Agencies](#)

The memorandum: <https://www.whitehouse.gov/wp-content/uploads/2022/12/OSTP-CEQ-IG-Guidance.pdf>

Special issue of Oceanography Magazine, The New Arctic Ocean featuring OPP-funded research

<https://tos.org/oceanography/issue/volume-35-issue-3-4>

Journey to the Doomsday Glacier

<https://www.newyorker.com/magazine/2022/11/28/journey-to-the-doomsday-glacier>

How We Came to Know and Fear the Doomsday Glacier

<https://hakaimagazine.com/features/how-we-came-to-know-and-fear-the-doomsday-glacier/>

Penguins May Have Passed the Mirror Test

<https://hakaimagazine.com/news/penguins-may-have-passed-the-mirror-test/>

COLDEX

- Podcast: [What Polar Ice Tells Us About Climate Change with Peter Neff](#)
- [This is what two-million-year-old ice looks like](#)

NSF Research News

- [Antarctic summer thaw starts earlier, ends later than previously believed](#), Award #1847067
- [IceCube neutrinos give us first glimpse into the inner depths of an active galaxy](#), Award #2042807
- [Most detailed maps of polar regions ever created](#), Award #2129685

The Antarctic Sun

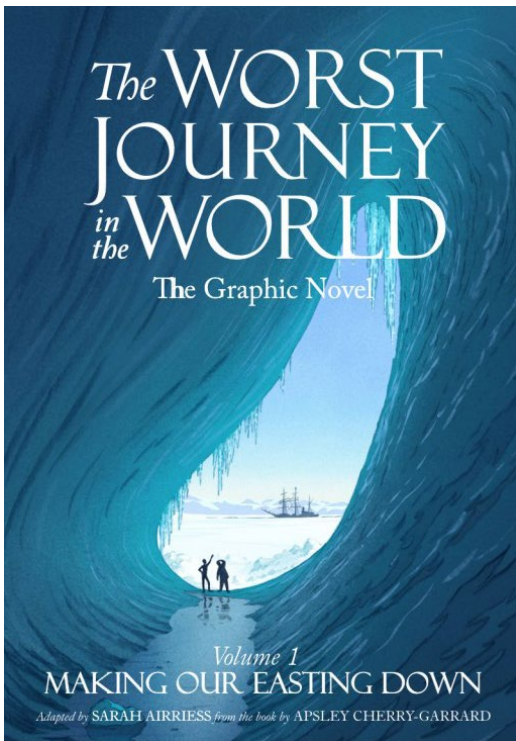
- [Hunt begins for Antarctica's oldest ice](#), Award #2019719
- [Weddell seal moms sacrifice diving capacity to help pups grow](#), Awards #1246463, #0838892 and #0838937
- [South Pole winter crew participate in virtual reality study](#)

NSF Science Matters blog: How human presence at South Pole has evolved over the past century

<https://beta.nsf.gov/science-matters/how-human-presence-south-pole-has-evolved-over>

New outreach materials! History of the South Pole Stations [poster](#) and [postcards](#).

Antarctic Artist & Writer and former Disney animator [Sarah Airress](#) has published her graphic novel, *The Worst Journey in the World*. Order your copy from <https://www.indienovella.co.uk/product-page/the-worst-journey-in-the-world-by-sarah-airriess>. Her drawings are part of a pop-up exhibit at [The Polar Museum](#) in Cambridge.



Terri Edillon

Communications Specialist

NSF Office of Polar Programs

Office: 703.292.7521 | Mobile: 703.398.2201

www.nsf.gov | www.usap.gov

Sign up for the [OPP Newsletter!](#)



From: [Tupas, Jermelina](#)
To: [Anderson, Gregory J.](#); [Bauchspies, Wenda](#); [Blanco, Caroline M](#); [Chanon, Keith](#); [Chase, Lura](#); [Crain, Renee D.](#); [Cubano, Luis A.](#); [Dade, Aurali E.](#); [Dancstep, Toni](#); [Daniel, David](#); [de Strulle, Arlene](#); [Delgado, Roberto](#); [Frink, Liam](#); [Gerson, Julia](#); [Guinn, Jeremy](#); [Hamilton, Kristen](#); [Hill, Erica](#); [Knoedler, Alicia J.](#); [Lee, Olivia](#); [Mantz, Jeffrey](#); [Mattison, Siobhan M](#); [Mercer, Jennifer](#); [Molnar, Linda](#); [Nikolaus, Roxanne](#); [O'Connor, Sally E.](#); [Paster, Mary](#); [Richardson, Sandra](#); [Roehm, Charlotte](#); [Rom, Elizabeth L.](#); [Ruck, Kate E.](#); [Shearman, Rebecca](#); [Shinbrot, Xoco](#); [Sievert, Regina](#); [Smith, Chrystal](#); [Smith, Holly E.](#); [Spengler, Sylvia J.](#); [Srinivasan, Ashok](#); [Strawhacker, Colleen](#); [Thompson, Kevin L.](#); [Walker, Beverly J](#)
Subject: PAPPG language on potential impacts on Tribal governments" interests and resources- DO NOT DISTRIBUTE [Contains CUI]
Date: Tuesday, March 7, 2023 8:02:57 AM

CUI//PROPIN

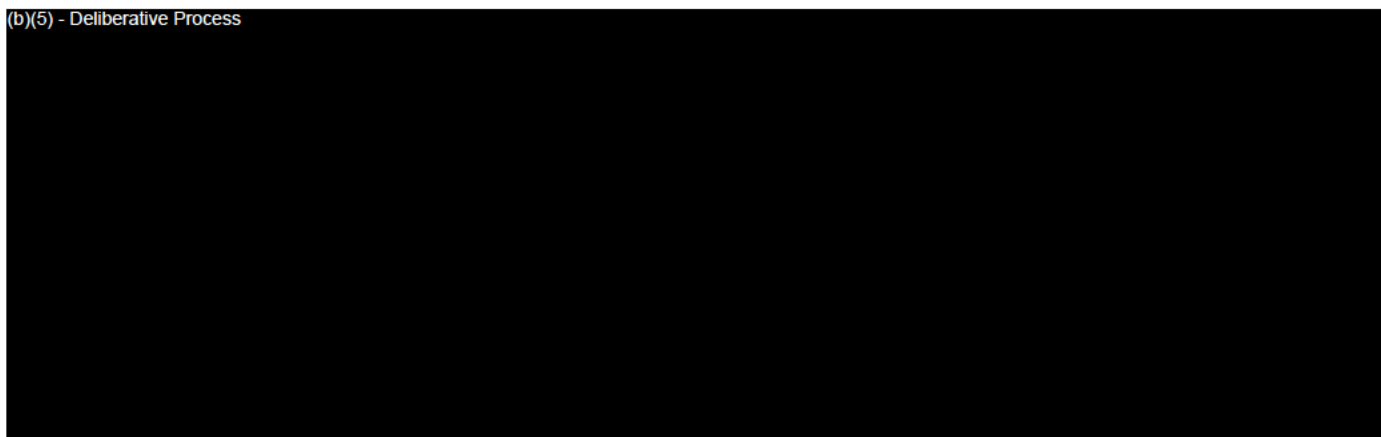
Good morning, everyone.

Yesterday was a very productive meeting and we discussed a lot of items that may potentially enhance/augment some processes we have at NSF regarding the review/funding of projects that may impact Tribal communities. We also have a lot of ideas shared last month on what items we may want to do regarding internal training and awareness of NSF on issues of Tribal interests.

I shared with you some of the work of the NSF Tribal Consultation and Engagement Working Group (TCEWG) that Caroline and I co-lead and one item was some proposed language that we want our PIs to know when working on or proposing projects that may impact the resources and interests of Tribal governments. Below is an excerpt from the PAPPG section. Please provide feedback and send these to me and Caroline. I am mindful of the number of emails we all receive, so if you want to have a discussion about this item, I am suggesting to do these via Teams chat-

This is a **DRAFT** and should not be shared outside of IGIC. **PLEASE DO NOT DISTRIBUTE.**

(b)(5) - Deliberative Process



Jermelina

Jermelina Tupas, PhD

Deputy Division Director

Division of Equity for Excellence in STEM

Directorate for STEM Education

National Science Foundation

From: [Mercer, Jennifer](#)
To: [Hill, Erica](#)
Subject: Performance evaluation notes
Date: Monday, April 25, 2022 1:51:10 PM
Attachments: [Hill 2022 Performance Evaluation.pdf](#)

Attached. I will upload these after we meet.

From: [Delgado, Roberto](#)
To: [OPP ARC Program Officers](#); [Internal NNA Working Group](#)
Cc: [Pope, Allen James](#); [Midvette, Madeline S](#); [Haffke, Colene M.](#); [Mercer, Jennifer](#); [Shinbrot, Xoco](#); [Hill, Erica](#); [Strawhacker, Colleen](#); [Amon, Rainer](#); [Matsumoto, Katsumi](#); [Wynn, Jonathan G.](#); [Rack, Frank R.](#); [Brunt, Kelly M.](#)
Subject: Placeholder for RNA CoObs Virtual Midterm Review / Site Visit
Attachments: [RNA CoObs mid-term review agenda.docx](#)
[Supp file 1 - Year 3 full project report - 2April2023 draft in preparation for NSF Midterm Reviw.pdf](#)
[Supp file 2 - ROADS2pager.pdf](#)
[Supp file 3 - RNA CoObs Retreat Summary.pdf](#)
[Supp file 4 - AFE 2023 Observing for Community Decision Making Session Report.pdf](#)

**Now with Zoom link, updated, agenda, and supporting documents.

Dear ARC and NNA POs,

I cordially invite you to join a virtual Midterm Review / Site Visit of the collaborative Research Networking Activities for Sustained Coordinated Observations of Arctic Change (RNA CoObs) project – <https://sites.google.com/alaska.edu/rna-observations/home> - (Lead Award #1936805 to UAF, in partnership with Williams College, University of Washington, UTEP, UT-Austin, Battelle, and UCSB).

This project addresses coastal and marine food security for Arctic residents by improving coordination among observing activities in support of shared societal benefits. The project also will design or adapt information infrastructure to show how an internationally coordinated roadmap for Arctic observing can be developed and it is the first US-based effort implementing the Sustaining Arctic Observing Networks (SAON <<https://www.arcticobserving.org/>>) Roadmap for Arctic Observing and Data Systems (ROADS <https://nora.nerc.ac.uk/id/eprint/532146/1/ARCTIC_2021_SAON_Roadmap.pdf>) process.

A draft agenda is attached. You are welcome to participate and engage for as little or as much as you are able, given potential conflicts with an NNA merit review panel, the OPP AC Meeting, and other events.

Please let me know if you have any questions. Final Zoom connection information will be forthcoming.

Thank you,

Roberto Delgado

From: [Delgado, Roberto](#)
To: [OPP ARC Program Officers](#); [Internal NNA Working Group](#)
Cc: [Pope, Allen James](#); [Midvette, Madeline S](#); [Haffke, Colene M.](#); [Mercer, Jennifer](#); [Shinbrot, Xoco](#); [Hill, Erica](#); [Strawhacker, Colleen](#); [Amon, Rainer](#); [Matsumoto, Katsumi](#); [Wynn, Jonathan G.](#); [Rack, Frank R.](#); [Brunt, Kelly M.](#)
Subject: Placeholder for RNA CoObs Virtual Midterm Review / Site Visit
Attachments: [RNA CoObs mid-term review agenda.docx](#)
[Supp file 1 - Year 3 full project report - 2April2023 draft in preparation for NSF Midterm Reviw.pdf](#)
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Please let me know if you have any questions. Final Zoom connection information will be forthcoming.

Thank you,

Roberto Delgado

From: [Sung, Nancy](#)
To: [OPP ARC Program Officers](#)
Cc: [Mercer, Jennifer](#)
Subject: Pls respond by 8/1: Draft IARPC BIP
Date: Tuesday, July 26, 2022 5:48:23 PM
Attachments: [First Order Draft for Staff Group Review.pdf](#)
[Agency Comments on First Order Draft.xlsx](#)
[Staff Group Concurrence Sheet.pdf](#)
[Response to Comments from SG on Draft Objectives and Deliverables \(due June 21\).xlsx](#)
[Federal Participants roles and contact emails.docx](#)

Hi ARC Colleagues-

We are asked to comment on the first-order draft of the Biennial Implementation Plan (BIP)- please see Bev's message below. **This is our last chance to suggest changes** before this goes to the Principals for approval at their meeting in September.

Would you take a good look, bearing in mind the highlighted questions below. Ideally, please record your comments on the [shared spreadsheet, available in Teams, here](#). If this doesn't work for you, you can include your comments on the attached Excel doc and return to me.

Please have your comments to me by noon on Monday, Aug. 1, so that I have them before the IARPC PoC meeting that day, and also so that we can clear them with Roberta and GEO/OAD before the Aug. 8 deadline.

A FEW NOTES:

- Because it is a 65-page document- please focus first on those Objectives/Deliverables that are closest to your area of work. If you have time, other comments are of course welcome.
- One overarching observation I have is that (b)(5) - Deliberative Process [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED] Please let me know whether you agree, and also, if you have any solutions to propose, which we can pass along.
- I suggest NSF be removed from Deliverables (b)(5) - Deliberative Process [REDACTED] please check and let me know if you disagree and we can add NSF back.

Many thanks for your engagement, and especially, thanks to those who have been working to create this BIP.

Best,
Nancy

Nancy Sung, Ph.D.
Science Policy Advisor
Office of Polar Programs
Geosciences Directorate
National Science Foundation
2415 Eisenhower Ave, Alexandria VA 22314

From: Walker, Beverly J <bwalker@nsf.gov>

Date: Monday, July 25, 2022 at 3:45 PM

To:

Subject: IARPC Action Request: Draft BIP - due August 8

Dear IARPC Staff Group Points of Contact:

Please submit your comments on the attached First Order Draft BIP via the attached spreadsheet and a completed clearance sheet to Beverly Walker (bwalker@nsf.gov) with a copy to Sorina Stalla (sorina@iarpccollaborations.org) by close of business on Aug 8, 2022.

Attached is the first order draft of the Biennial Implementation Plan 2022-2024 for Staff Group review and clearance. The first order draft includes all front-end material and priority area and foundational activity objectives and deliverables. This is the only review and clearance at the Staff Group level. The second order draft will be reviewed and cleared by OMB, the Office of Domestic Climate Policy, NSTC POCs, and the IARPC Principals. Also attached is the comment spreadsheet with the responses from the June Staff Group Review of the Draft Objectives and Deliverables.

When reviewing this first order draft please pay particular attention to the following questions and make all comments, edits, additions in the comment's spreadsheet, so we can track all agency input.

1. **Objectives and deliverables:**
 - a. Deliverables are defined as, "Tangible, measurable, and easily communicated research product that demonstrates progress made toward satisfying the objectives and goals and is made available to relevant decision-makers and partners. Deliverables could also include achievements resulting from the establishment of new relationships". Do deliverables meet this definition?
 - b. Are deliverables achievable in the two year timeframe of this biennial implementation plan?
 - c. Do you see any major gaps that need to be addressed in an interagency setting?

1. **Agency alignment**, please ensure that you are comfortable with all mentions of your agency.
 - a. Agencies that are leading a deliverable are bolded. All deliverables require an Agency lead. Please indicate additional deliverables your Agency can be the lead on.
 - b. Are you okay with signing on to collaborate on deliverables where your agency is listed?
 - c. Are there deliverables where your agency is not listed and it should be?
 - d. Is your agency listed with as much specificity as possible (department level)?

Attached for your reference is a list of feds who have participated in the biennial implementation plan development process as well as the federal leads of the disciplinary collaboration teams.

Federal disciplinary collaboration team leads have been asked to confirm their team's alignment with deliverables as well as to identify which open performance elements from the Arctic Research Plan 2017-2021 have been incorporated into the biennial implementation plan.

Timeline for drafting and clearance: The IARPC Principals meeting is scheduled for September 28, 2022 and this will be an opportunity for Principals to discuss the BIP and, if necessary, raise any concerns.

Here is the list of the relevant BIP deadlines:

- July 25: First-order draft sent to Staff Group agency POCs and OSTP for interagency clearance
- August 8: Comments and clearance on BIP first-order draft due back from Staff Group agency POCs.
- September 12: Staff Group Meeting - update and review of the changes made to the BIP as a result of Staff Group and OSTP clearance.
- September 13: Send second-order draft to OMB, Office of Domestic Climate Policy, NSTC POCs, and IARPC Principals for review and clearance
- September 28: IARPC Principals meeting
- Oct 13: Send final draft to OSTP for review
- Oct 31/Nov 1: Public release of the BIP

Please let me know if you have any questions,
~Beverly

Beverly Walker

(she/her)

Science Analyst

Office of Polar Programs

National Science Foundation

--

Executive Secretary

Interagency Arctic Research Policy Committee

(IARPC)

703.292.2614

From: [Tupas, Jermelina](#)
To: [NSF-Interest Group for Indigenous Communities](#); [Carroll, Stephanie Russo - \(stephaniecarroll\)](#)
Subject: Post seminar Q & A with IGIC
Attachments: [Announcement-talk-Carroll-9-19-22.pdf](#)

Please bring your unanswered questions for Stephanie during this time. Also, if you have not registered for the seminar, please remember to register (see flyer attached).

Jermelina Tupas is inviting you to a scheduled ZoomGov meeting.

Join ZoomGov Meeting

(b) (4)

Meeting ID: 160 893 2072

Passcode: 876401

One tap mobile

(b) (4)

US (San Jose)

US (New York)

Dial by your location

(b) (4)

(San Jose)

(New York)

(San Jose)

Meeting ID: (b) (4)

Find your local number: <https://nsf.zoomgov.com/j/1608932072>

Join by SIP

(b) (4)

Join by H.323

(b) (4)

(US West)

(b) (4)

(US East)

Meeting ID: (b) (4)

Passcode: (b) (4)

From: fastlane@p-web-fl13.prod.nsf.gov
To: [FastLane Mail DL](#); [Hill, Erica](#)
Subject: Proposal Review/OPP/5221/2140136(b) (6) /Malhi
Date: Saturday, May 21, 2022 8:52:57 AM

Reviewer Name: (b) (6)

Email ID (b) (6)

This is a review for collaborative lead proposal. Review information submitted for the lead proposal has been applied to all non-lead proposals.

Collaborative Lead Proposal : 2140136

Non-Lead Proposal(s) : 2140157

Proposal Title : Collaborative Research: Salmon stewardship: mapping a cultural keystone and building genomics capacity for Alaskan Native Peoples

Organization : University of Illinois at Urbana-Champaign

SAM Legal Business Name : UNIVERSITY OF ILLINOIS

PI Name : Ripan Malhi

Program Name : ASSP-Arctic Social Science

Rating : (b) (4)

ReviewText:

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to intellectual merit.

1. What is the potential for the proposed activity to advance knowledge and understanding within its own field or across different fields (Intellectual Merit)?

(b) (4)



(b) (4)



2. To what extent do the proposed activities suggest and explore creative, original, or potentially transformative concepts?

(b) (4)



3. Is the plan for carrying out the proposed activities well-reasoned, well-organized, and based on a sound rationale? Does the plan incorporate a mechanism to assess success?

(b) (4)



4. How well qualified is the individual, team, or institution to conduct the proposed activities?

(b) (4)



5. Are there adequate resources available to the PI (either at the home institution or through collaborations) to carry out the proposed activities?

(b) (4)



In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to broader impacts.

1. What is the potential for the proposed activity to benefit society or advance desired societal outcomes (Broader Impacts)?

(b) (4)



2. To what extent do the proposed activities suggest and explore creative, original, or potentially transformative concepts?

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3. Is the plan for carrying out the proposed activities well-reasoned, well-organized, and based on a sound rationale? Does the plan incorporate a mechanism to assess success?

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(b) (4)



Please evaluate the strengths and weaknesses of the proposal with respect to any additional solicitation-specific review criteria, if applicable

Summary Statement

(b) (4)



Please DO NOT REPLY TO THIS MESSAGE, as this email was sent from an address that cannot accept incoming messages.

From: fastlane@p-web-mt10.prod.nsf.gov
To: [FastLane Mail DL](#); [Hill, Erica](#)
Subject: Proposal Review/OPP/5221 (b) (4) (b) (6)
Date: Thursday, November 25, 2021 4:46:29 PM

Reviewer Name: (b) (6)

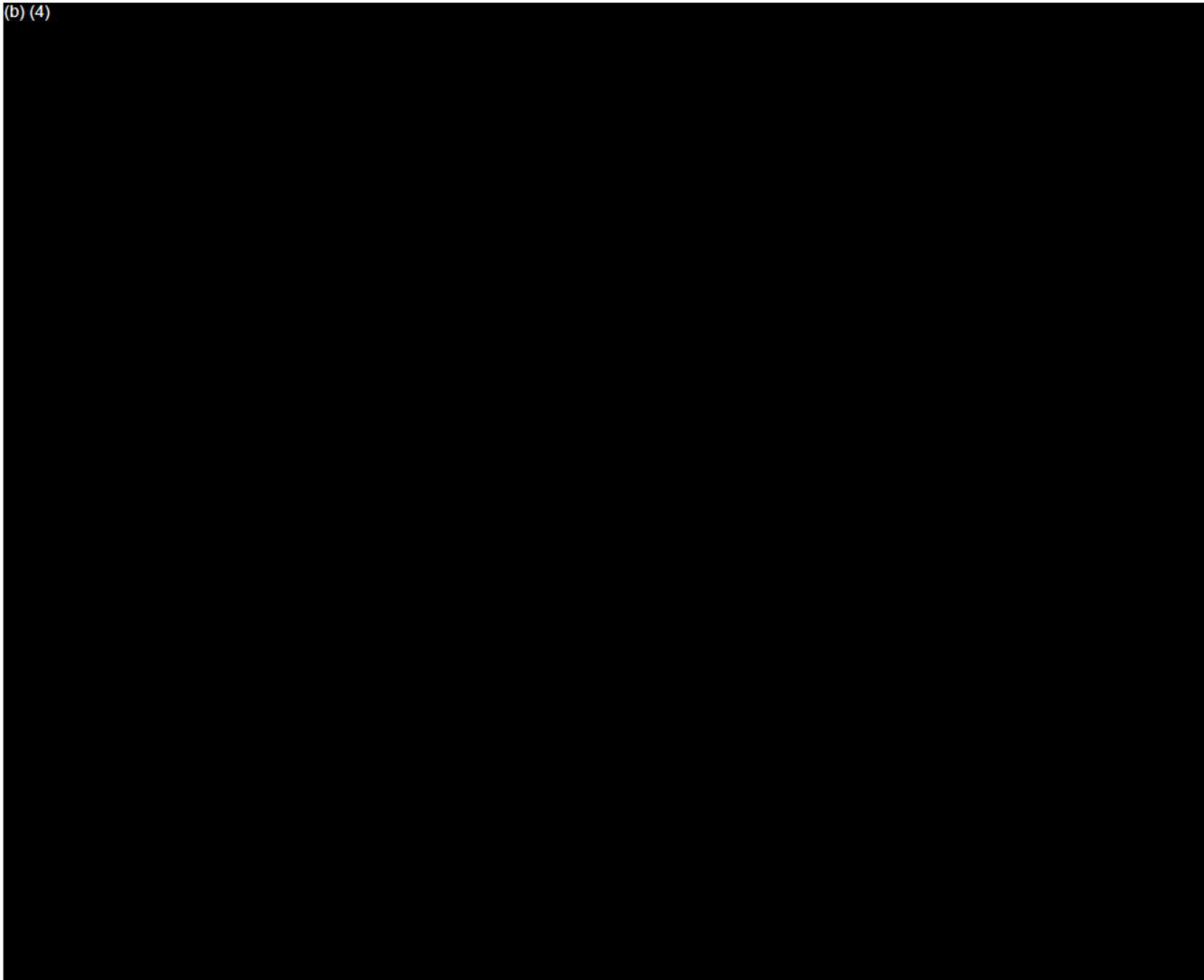
Email ID (b) (6)

Proposal (b) (4)
Proposal Title : (b) (4)
Institution : (b) (4)
PI Name : (b) (6)
Program Name : ASSP-Arctic Social Science
Rating (b) (4)

ReviewText:

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to intellectual merit.

(b) (4)



(b) (4)

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In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to broader impacts.

(b) (4)

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Please evaluate the strengths and weaknesses of the proposal with respect to any additional solicitation-specific review criteria, if applicable

Summary Statement

(b) (4)

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From: fastlane@p-web-fl12.prod.nsf.gov
To: [FastLane Mail DL](#); [Hill, Erica](#)
Subject: Proposal Review/OPP/5221 (b) (4) (b) (6)
Date: Tuesday, January 11, 2022 11:27:31 AM

Reviewer Name: (b) (6)

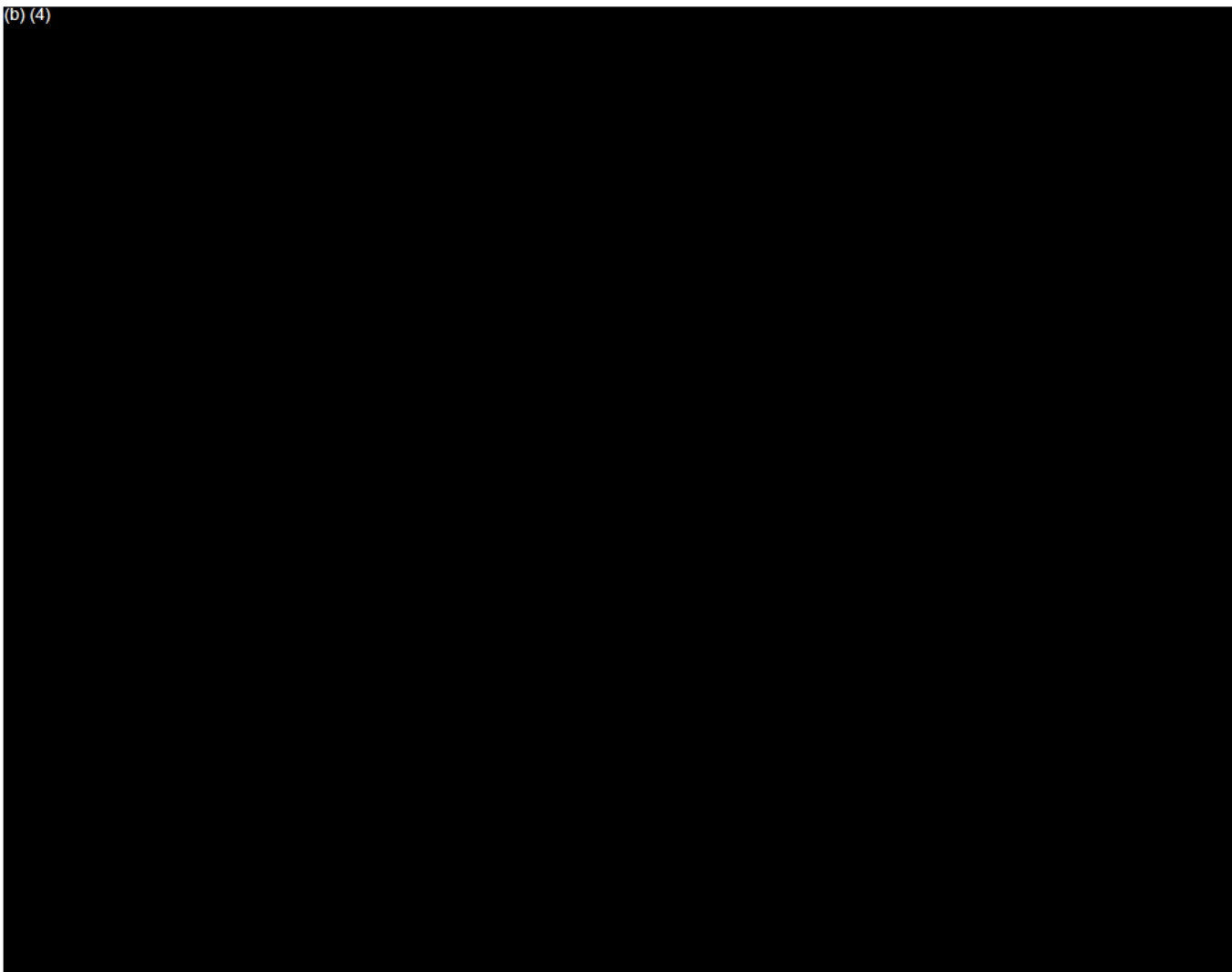
Email ID (b) (6)

Proposal (b) (4)
Proposal Title : (b) (4)
Institution : (b) (4)
PI Name (b) (6)
Program Name : ASSP-Arctic Social Science
Rating (b) (4)

ReviewText:

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to intellectual merit.

(b) (4)



(b) (4)

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(b) (4)

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Please evaluate the strengths and weaknesses of the proposal with respect to any additional solicitation-specific review criteria, if applicable

Summary Statement

(b) (4)

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From: fastlane@p-web-fl12.prod.nsf.gov
To: [FastLane Mail DL](#); [Hill, Erica](#) (b) (6)
Subject: Proposal Review/OPP/5221 (b) (4)
Date: Wednesday, February 2, 2022 1:12:31 PM

Reviewer Name: (b) (6)

Email ID: (b) (6)

Other Suggested Reviewers:

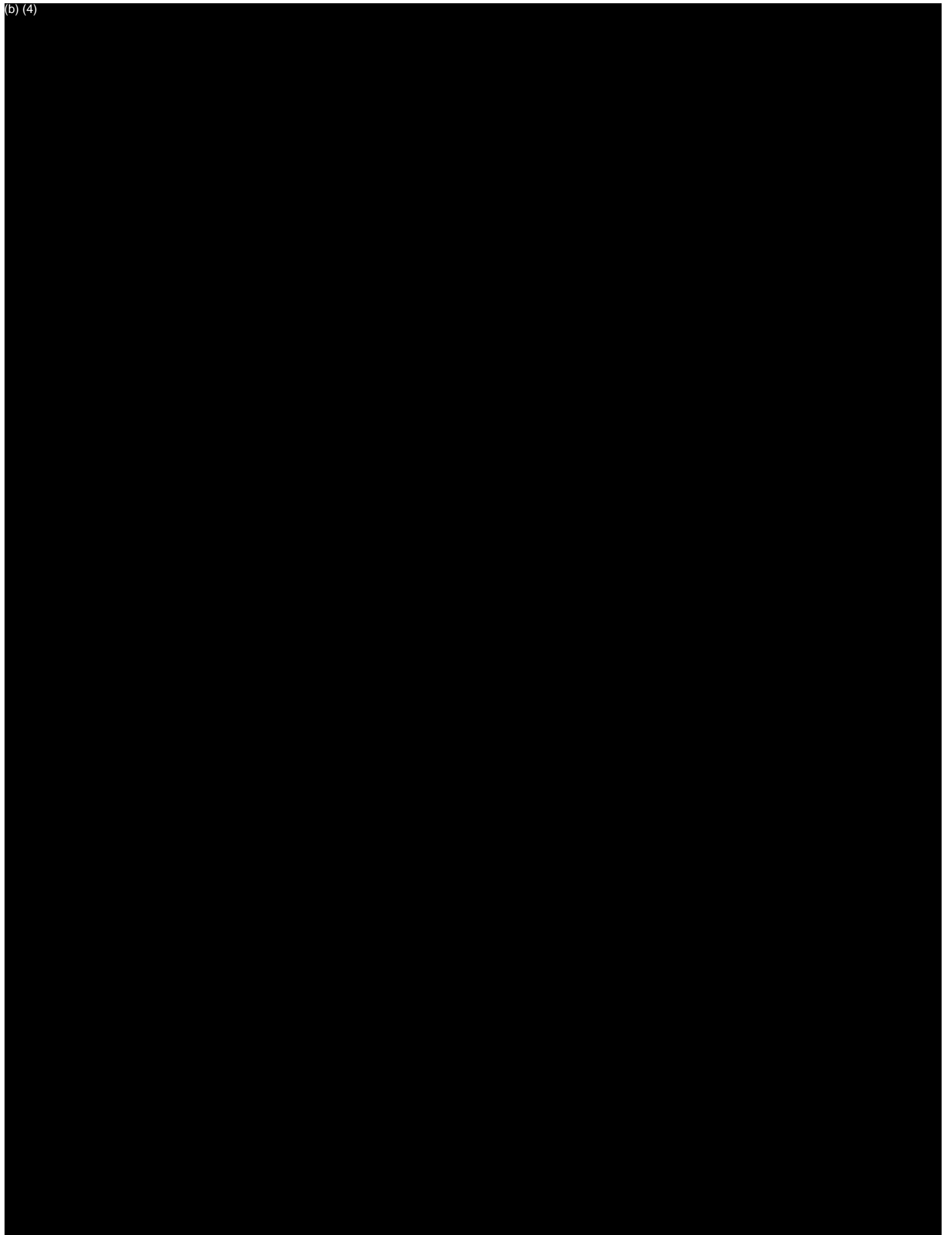
(b) (6)

Proposal (b) (4)
Proposal Title : (b) (4)
Institution : (b) (4)
PI Name : (b) (6)
Program Name : ASSP-Arctic Social Science
Rating : (b) (4)

ReviewText:

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to intellectual merit.

(b) (4)



(b) (4)

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(b) (4)

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Please evaluate the strengths and weaknesses of the proposal with respect to any additional solicitation-specific review criteria, if applicable

(b) (4)

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Summary Statement

(b) (4)



Please DO NOT REPLY TO THIS MESSAGE, as this email was sent from an address that cannot accept incoming messages.

From: fastlane@p-web-f112.prod.nsf.gov
To: [FastLane Mail DL](#); [Hill, Erica](#)
Subject: Proposal Review/OPP/5221/2224984/(b) (6)/Fienup-Riordan
Date: Monday, May 30, 2022 3:23:52 PM

Reviewer Name: (b) (6)

Email ID (b) (6)

Other Suggested Reviewers:

N/A

Conflict of Interests:

N/A

Proposal : 2224984

Proposal Title : Angalkut/Shamans: Illness and Wellness in Yup'ik Oral Tradition

Organization : Calista Education and Culture, Inc.

SAM Legal Business Name : CALISTA EDUCATION AND CULTURE, INC.

PI Name : Ann Fienup-Riordan

Program Name : ASSP-Arctic Social Science

Rating : (b) (4)

ReviewText:

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to intellectual merit.

(b) (4)



In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to broader impacts.

(b) (4)



Please evaluate the strengths and weaknesses of the proposal with respect to any additional solicitation-specific review criteria, if

applicable

(b) (4)

A small black rectangular redaction box covering the text "(b) (4)".

Summary Statement

(b) (4)

A large black rectangular redaction box covering the entire "Summary Statement" section.

Please DO NOT REPLY TO THIS MESSAGE, as this email was sent from an address that cannot accept incoming messages.

From: fastlane@p-web-fl12.prod.nsf.gov
To: [FastLane Mail DL](#); [Hill, Erica](#)
Subject: Proposal Review/OPP/5221 (b) (4) (b) (6)
Date: Saturday, August 20, 2022 5:45:25 PM

Reviewer Name (b) (6)

Email ID (b) (6)

This is a review for collaborative lead proposal. Review information submitted for the lead proposal has been applied to all non-lead proposals.

Collaborative Lead Proposal (b) (4)
Non-Lead Proposal(s) (b) (4)
Proposal Title : (b) (4)

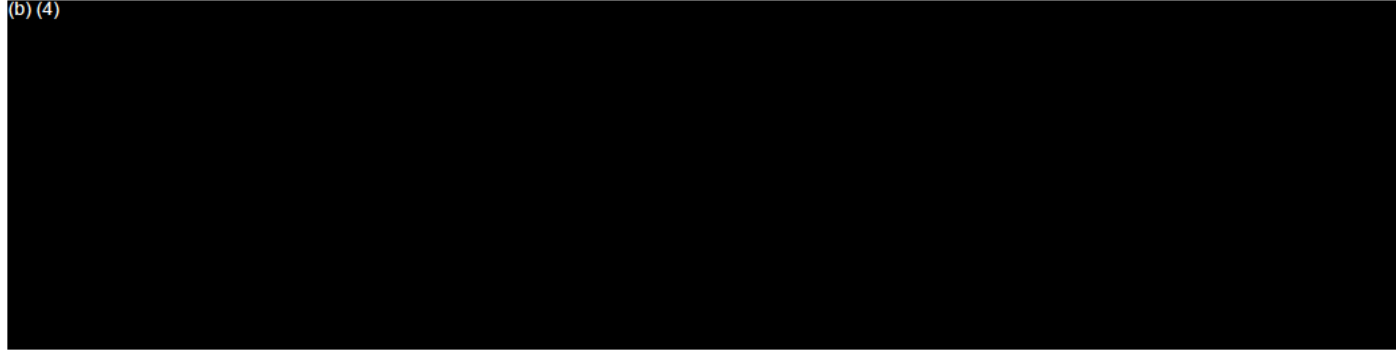
Organization (b) (4)
SAM Legal Business Name : (b) (4)
PI Name : (b) (6)
Program Name : ASSP-Arctic Social Science
Rating (b) (4)

ReviewText:

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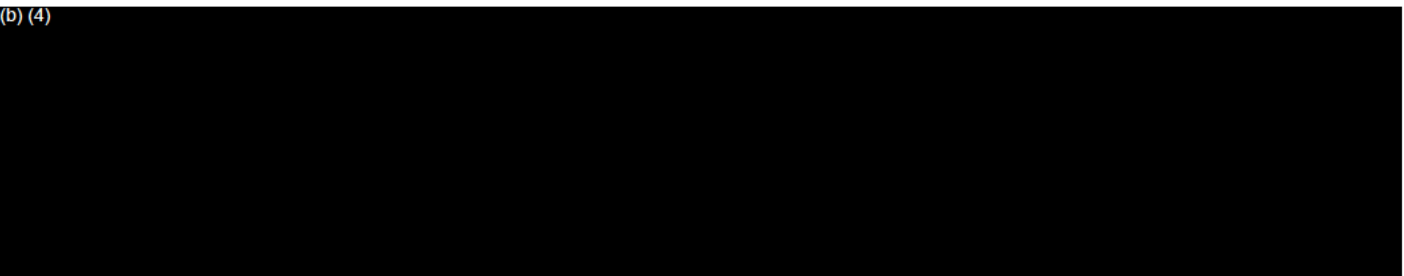
1. What is the potential for the proposed activity to:
 - a. Advance knowledge and understanding within its own field or across different fields (Intellectual Merit)

(b) (4)



2. To what extent do the proposed activities suggest and explore creative, original, or potentially transformative concepts?

(b) (4)



3. Is the plan for carrying out the proposed activities well-reasoned, well-organized, and based on a sound rationale? Does the plan incorporate a mechanism to assess success?

(b) (4)



(b) (4)



5. Are there adequate resources available to the PI (either at the home organization or through collaborations) to carry out the proposed activities?

(b) (4)



In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to broader impacts.

b. Benefit society or advance desired societal outcomes (Broader Impacts)?

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(b) (4)



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(b) (4)



Please evaluate the strengths and weaknesses of the proposal with respect to any additional solicitation-specific review criteria, if applicable

Summary Statement

(b) (4)



Please DO NOT REPLY TO THIS MESSAGE, as this email was sent from an address that cannot accept incoming messages.

From: fastlane@p-web-fl13.prod.nsf.gov
To: [FastLane Mail DL](#); [Hill, Erica](#)
Subject: Proposal Review/OPP/5221/2236813/(b) (6) Doering
Date: Wednesday, September 21, 2022 7:31:29 PM

Reviewer Name (b) (6)

Email ID: (b) (6)

Conflict of Interests:

None

Proposal : 2236813

Proposal Title : CAREER: Reconstructing Human-Animal Relationships in Interior Alaska during Social and Climatic Transitions

Organization : University of Wyoming

SAM Legal Business Name : UNIVERSITY OF WYOMING

PI Name : Briana Doering

Program Name : ASSP-Arctic Social Science

Rating : (b) (4)

ReviewText:

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to intellectual merit.

(b) (4)



(b) (4)



In the context of the five review elements, please
evaluate the strengths and weaknesses of the proposal with respect to broader impacts.

(b) (4)



(b) (4)



Please evaluate the strengths and weaknesses of the proposal with respect to any additional solicitation-specific review criteria, if applicable

(b) (4)



Summary Statement

(b) (4)



Please DO NOT REPLY TO THIS MESSAGE, as this email was sent from an address that cannot accept incoming messages.

From: fastlane@p-web-mt11.prod.nsf.gov
To: [FastLane Mail DL](#); [Hill, Erica](#)
Subject: Proposal Review/OPP/5221/2236813/(b) (6)/Doering
Date: Monday, December 5, 2022 5:16:05 PM

Reviewer Name: (b) (6)

Email ID: (b) (6)

Proposal : 2236813

Proposal Title : CAREER: Reconstructing Human-Animal Relationships in Interior Alaska during Social and Climatic Transitions

Organization : University of Wyoming

SAM Legal Business Name : UNIVERSITY OF WYOMING

PI Name : Briana Doering

Program Name : ASSP-Arctic Social Science

Rating : (b) (4)

ReviewText:

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to intellectual merit.

(b) (4)



In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to broader impacts.

(b) (4)



Please evaluate the strengths and weaknesses of the proposal with respect to any additional solicitation-specific review criteria, if applicable

(b) (4)



Provisional grade (b) (4)

Summary Statement

(b) (4)

Please DO NOT REPLY TO THIS MESSAGE, as this email was sent from an address that cannot accept incoming messages.

From: fastlane@p-web-fl12.prod.nsf.gov
To: [FastLane Mail DL](#); [Hill, Erica](#)
Subject: Proposal Review/OPP/5221 (b) (4) / (b) (6)
Date: Wednesday, October 5, 2022 8:10:14 PM

Reviewer Name: (b) (6)

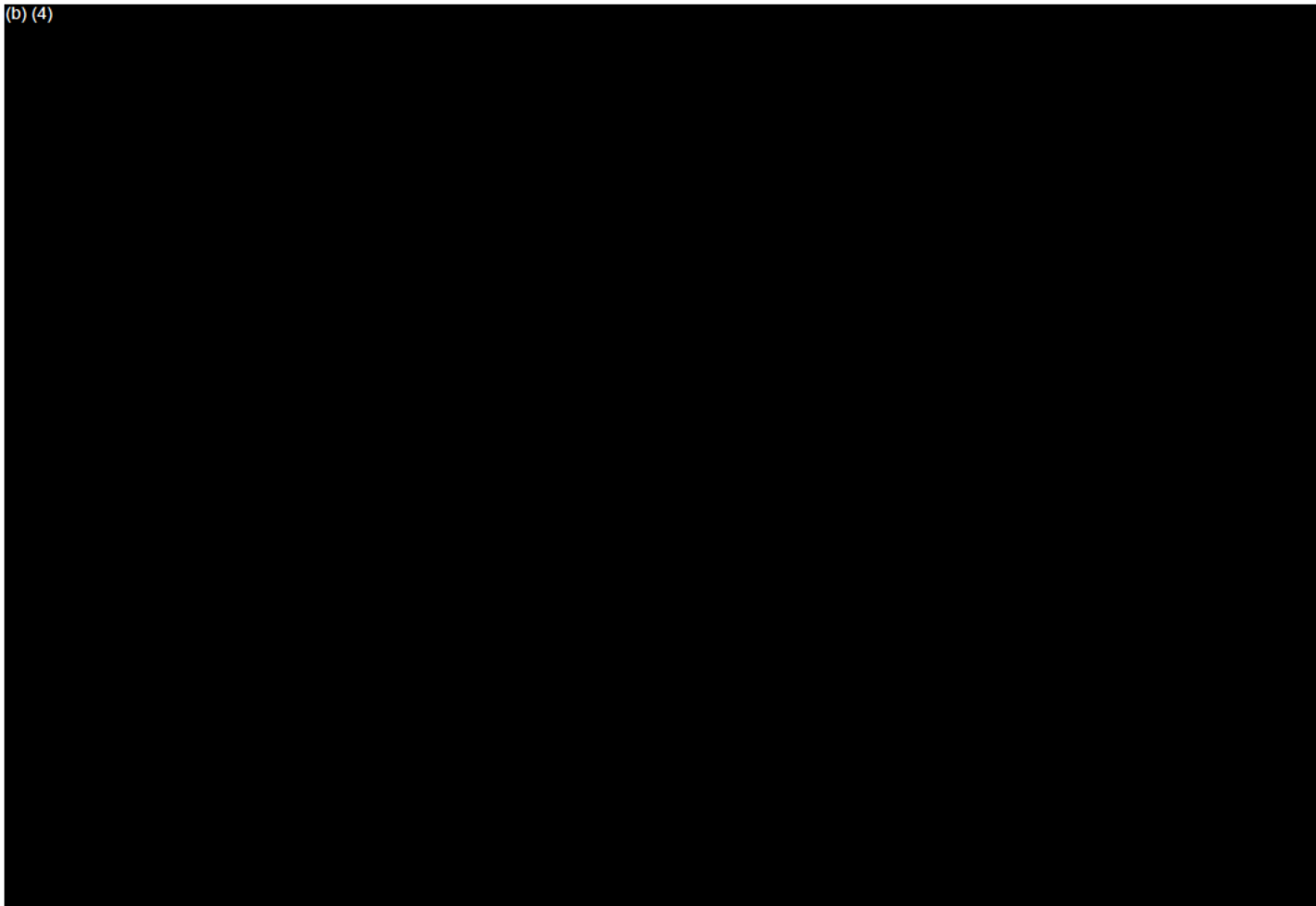
Email ID: (b) (6)

Proposal : (b) (4)
Proposal Title : (b) (4)
Organization : (b) (4)
SAM Legal Business Name : (b) (4)
PI Name : (b) (6)
Program Name : ASSP-Arctic Social Science
Rating : (b) (4)

ReviewText:

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to intellectual merit.

(b) (4)



(b) (4)



In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to broader impacts.

(b) (4)



(b) (4)



Please evaluate the strengths and weaknesses of the proposal with respect to any additional solicitation-specific review criteria, if applicable

(b) (4)



Summary Statement

(b) (4)



Please DO NOT REPLY TO THIS MESSAGE, as this email was sent from an address that cannot accept incoming messages.

From: fastlane@p-web-fi10.prod.nsf.gov
To: [FastLane Mail DL](#); [Hill, Erica](#)
Subject: Proposal Review/OPP/5221/(b) (4) / (b) (6)
Date: Thursday, October 6, 2022 1:06:45 PM

Reviewer Name: (b) (6)

Email ID (b) (6)

Conflict of Interests:

None

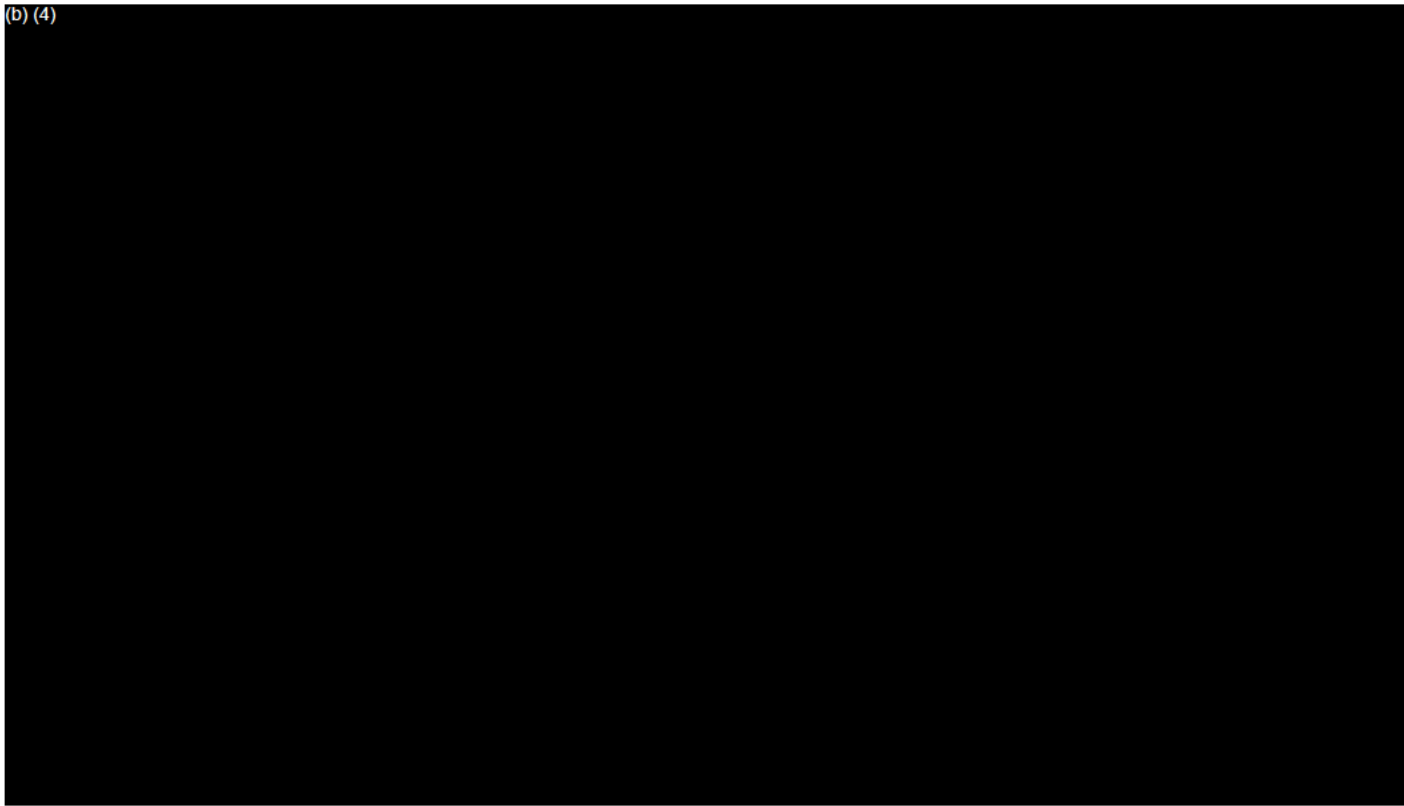
Proposal (b) (4)
Proposal Title : (b) (4)
Organization : (b) (4)
SAM Legal Business Name (b) (4)
PI Name : (b) (6)
Program Name : ASSP-Arctic Social Science
Rating (b) (4)

ReviewText:

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to intellectual merit.

1. What is the potential for the proposed activity to advance knowledge and understanding within its own field?

(b) (4)



(b) (4)

2. To what extent do the proposed activities suggest and explore creative, original, or potentially transformative concepts?

(b) (4)

3. Is the plan for carrying out the proposed activities well-reasoned, well-organized, and based on a sound rationale? Does the plan incorporate a mechanism to assess success?

(b) (4)

4. How well qualified is the individual, team, or institution to conduct the proposed activities?

(b) (4)

5. Are there adequate resources available to the PI (either at the home institution or through collaborations) to carry out the proposed activities?

(b) (4)

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to broader impacts.

See above. (b) (4)

Please evaluate the strengths and weaknesses of the proposal with respect to any additional solicitation-specific review criteria, if applicable

Summary Statement

See above.

Please DO NOT REPLY TO THIS MESSAGE, as this email was sent from an address that cannot accept incoming messages.

From: fastlane@p-web-fl13.prod.nsf.gov
To: [FastLane Mail DL](#); [Hill, Erica](#)
Subject: Proposal Review/OPP/5221/2246368(b) (6) /Heintz
Date: Wednesday, November 2, 2022 4:38:00 PM

Reviewer Name: (b) (6)

Email ID: (b) (6)

Other Suggested Reviewers:

(b) (6)

Proposal : 2246368

Proposal Title : Conference: Beyond COVID: Pandemic Preparedness in the Circumpolar North

Organization : SITKA SOUND SCIENCE CENTER INC

SAM Legal Business Name : SITKA SOUND SCIENCE CENTER INC.

PI Name : Ron Heintz

Program Name : ASSP-Arctic Social Science

Rating (b) (4)

ReviewText:

In the context of the five review elements, please
evaluate the strengths and weaknesses of the proposal with respect to intellectual merit.

(b) (4)

(b) (4)



Please evaluate the strengths and weaknesses of the proposal with respect to any additional solicitation-specific review criteria, if applicable

(b) (4)



Summary Statement

(b) (4)



Please DO NOT REPLY TO THIS MESSAGE, as this email was sent from an address that cannot accept incoming messages.

From: fastlane@p-web-fl12.prod.nsf.gov
To: [FastLane Mail DL](#); [Hill, Erica](#)
Subject: Proposal Review/OPP/5221 (b) (4) (b) (6)
Date: Monday, February 27, 2023 4:08:41 PM

Reviewer Name: (b) (6)

Email ID (b) (6)

Conflict of Interests:

(b) (6)

This is a review for collaborative lead proposal. Review information submitted for the lead proposal has been applied to all non-lead proposals.

Collaborative Lead Proposal (b) (4)

Non-Lead Proposal(s) (b) (4)

Proposal Title : (b) (4)

Organization : (b) (4)

SAM Legal Business Name (b) (4)

PI Name (b) (6)

Program Name : ASSP-Arctic Social Science

Rating (b) (4)

ReviewText:

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to intellectual merit.

(b) (4)

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to broader impacts.

(b) (4)

(b) (4)

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Please evaluate the strengths and weaknesses of the proposal with respect to any additional solicitation-specific review criteria, if applicable

(b) (4)

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Summary Statement

(b) (4)

A black rectangular redaction box covering the bottom portion of the page.

(b) (4)



Please DO NOT REPLY TO THIS MESSAGE, as this email was sent from an address that cannot accept incoming messages.

From: fastlane@p-web-fi10.prod.nsf.gov
To: [FastLane Mail DL](#); [Hill, Erica](#)
Subject: Proposal Review/OPP/5221 (b) (4) (b) (6)
Date: Friday, March 10, 2023 1:26:14 AM

Reviewer Name: (b) (6)

Email ID: (b) (6)

Conflict of Interests:

No conflict of interest

This is a review for collaborative lead proposal. Review information submitted for the lead proposal has been applied to all non-lead proposals.

Collaborative Lead Proposal (b) (4)

Non-Lead Proposal(s) (b) (4)

Proposal Title (b) (4)

Organization : (b) (4)

SAM Legal Business Name : (b) (4)

PI Name : (b) (6)

Program Name : ASSP-Arctic Social Science

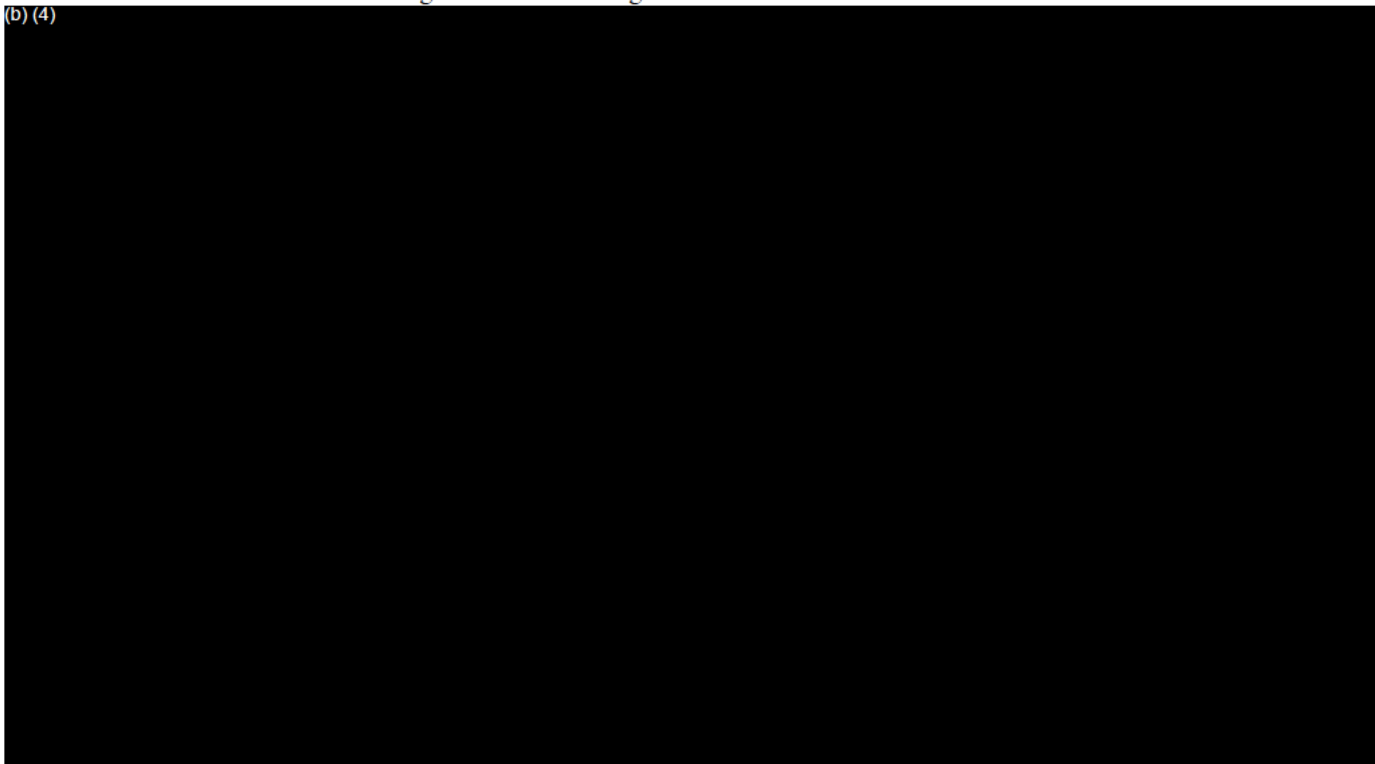
Rating : (b) (4)

ReviewText:

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to intellectual merit.

Element 1 - Advance knowledge and understanding within its own field or across different fields:

(b) (4)



(b) (4)



Element 2 - To what extent do the proposed activities suggest and explore creative, original, or potentially transformative concepts?

(b) (4)



Element 3 - Plan for carrying out the proposed activities well-reasoned, well-organized, and based on a sound rationale

(b) (4)



Element 4 - How well qualified is the individual, team, or institution to conduct the proposed activities?

(b) (4)



In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to broader impacts.

Element 1 - Benefit society or advance desired societal outcomes

(b) (4)



(b) (4)



Element 2 - To what extent do the proposed activities suggest and explore creative, original, or potentially transformative concepts?

(b) (4)



Element 3 - Is the plan for carrying out the proposed activities well-reasoned, well-organized, and based on a sound rationale? Does the plan incorporate a mechanism to assess success?

(b) (4)



Element 4 - How well qualified is the individual, team, or institution to conduct the proposed activities?

(b) (4)



Element 5 - Are there adequate resources available to the PI (either at the home institution or through collaborations) to carry out the proposed activities?

(b) (4)



Please evaluate the strengths and

weaknesses of the proposal with respect to any additional solicitation-specific review criteria, if applicable

Summary Statement

(b) (4)



Please DO NOT REPLY TO THIS MESSAGE, as this email was sent from an address that cannot accept incoming messages.

From: fastlane@p-web-f111.prod.nsf.gov
To: [FastLane Mail DL](#); [Hill, Erica](#)
Subject: Proposal Review/OPP/5221/(b) (4) / (b) (6)
Date: Thursday, May 11, 2023 11:24:12 PM

Reviewer Name: (b) (6)

Email ID: (b) (6)

This is a review for collaborative lead proposal. Review information submitted for the lead proposal has been applied to all non-lead proposals.

Collaborative Lead Proposal : (b) (4)

Non-Lead Proposal(s) : (b) (4)

Proposal Title : (b) (4)

Organization (b) (4)

SAM Legal Business Name : (b) (4)

PI Name : (b) (6)

Program Name : ASSP-Arctic Social Science

Rating (b) (4)

ReviewText:

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to intellectual merit.

(b) (4)

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to broader impacts.

(b) (4)

(b) (4)

A large black rectangular redaction box covering the top portion of the page.

Please evaluate the strengths and weaknesses of the proposal with respect to any additional solicitation-specific review criteria, if applicable

(b) (4)

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Summary Statement

(b) (4)

A large black rectangular redaction box covering the bottom portion of the page.

Please DO NOT REPLY TO THIS MESSAGE, as this email was sent from an address that cannot accept incoming messages.

From: fastlane@p-web-fl13.prod.nsf.gov
To: [FastLane Mail DL](#); [Hill, Erica](#) (b) (6)
Subject: Proposal Review/OPP/5221/(b) (4)
Date: Friday, February 10, 2023 1:39:59 P

Reviewer Name: (b) (6)

Email ID (b) (6)

Conflict of Interests:

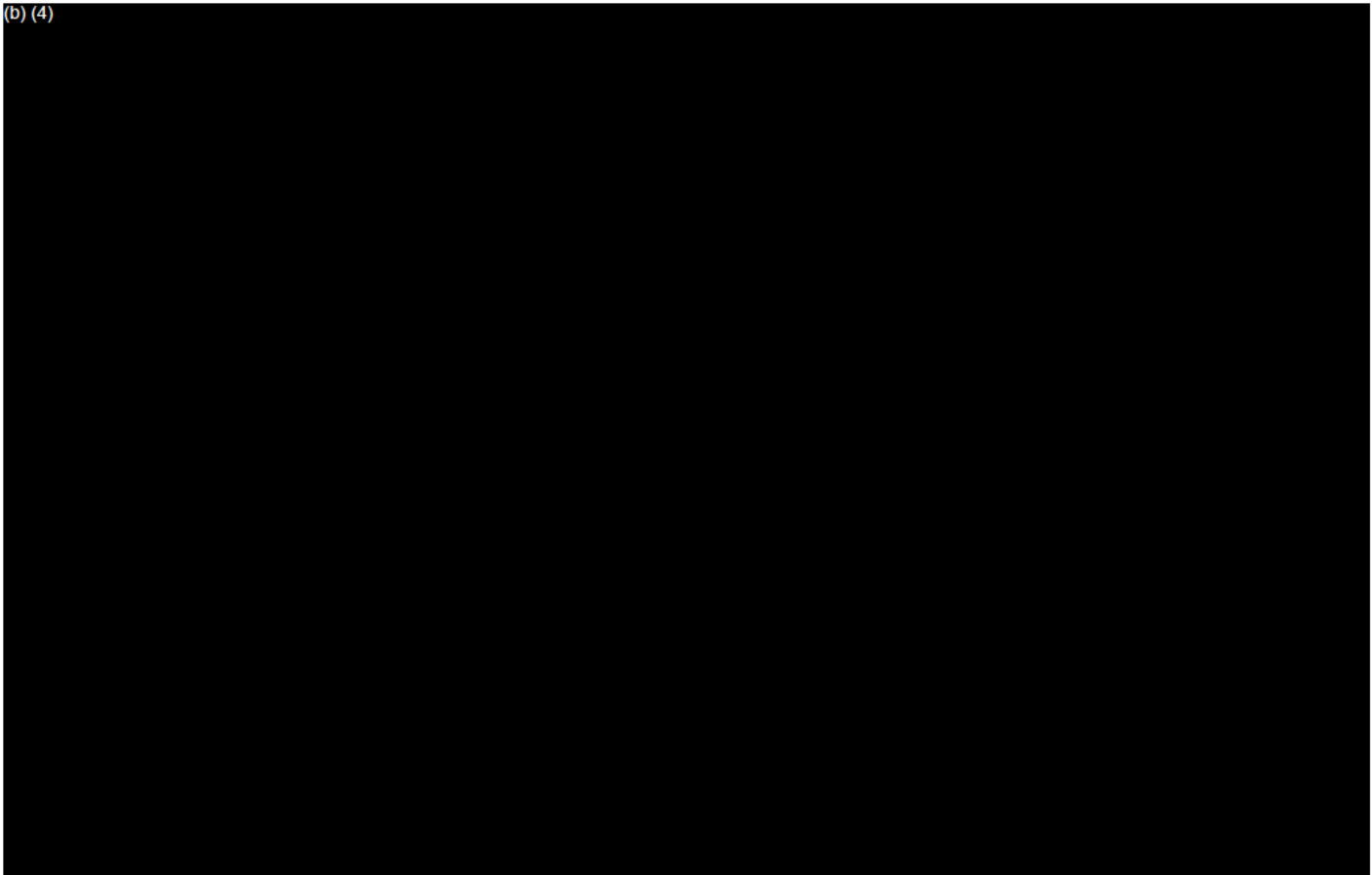
None

Proposal : (b) (4)
Proposal Title (b) (4)
Organization : (b) (4)
SAM Legal Business Name : (b) (4)
PI Name : (b) (6)
Program Name : ASSP-Arctic Social Science
Rating (b) (4)

ReviewText:

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to intellectual merit.

(b) (4)



(b) (4)



In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to broader impacts.

See above

Please evaluate the strengths and weaknesses of the proposal with respect to any additional solicitation-specific review criteria, if applicable

See above

Summary Statement

(b) (4)



Please DO NOT REPLY TO THIS MESSAGE, as this email was sent from an address that cannot accept incoming messages.

From: fastlane@p-web-mt10.prod.nsf.gov
To: [FastLane Mail DL](#); [Hill, Erica](#) (b) (6)
Subject: Proposal Review/OPP/5247/(b) (4)
Date: Thursday, May 18, 2023 10:51:28 AM

Reviewer Name: (b) (6)

Email ID: (b) (6)

Proposal : (b) (4)
Proposal Title : (b) (4)
Organization : (b) (4)
SAM Legal Business Name :
PI Name : (b) (6)
Program Name : POST DOC/TRAVEL
Rating (b) (4)

ReviewText:

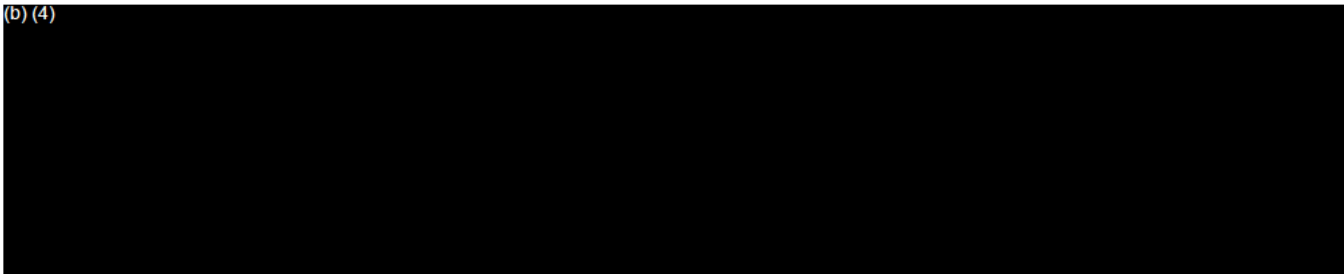
In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to intellectual merit.

(b) (4)



In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to broader impacts.

(b) (4)



Please evaluate the strengths and weaknesses of the proposal with respect to any additional solicitation-specific review criteria, if applicable

1. Qualifications of the candidate and their potential for enhancing the diversity and/or breadth of the existing polar scientific research community (Pick one: E / V / G / F / P)

(b) (4)



2. Evidence of prior leadership in scientific research and their potential for leadership in the polar research community: (Pick one: E / V / G / F / P)

(b) (4)



3. Suitability of the sponsoring scientist(s) and available facilities, equipment and other resources: (Pick one: E / V / G / F / P)

(b) (4)



Summary Statement

(b) (4)



Please DO NOT REPLY TO THIS MESSAGE, as this email was sent from an address that cannot accept incoming messages.

From: fastlane@p-web-mt11.prod.nsf.gov
To: [FastLane Mail DL](#); [Hill, Erica](#)
Subject: Proposal Review/OPP/5247/231797(b) (6) /York
Date: Thursday, May 18, 2023 11:16:44 AM

Reviewer Name: (b) (6)

Email ID: (b) (6)

Proposal : 2317970

Proposal Title : Postdoctoral Fellowship: OPP-PRF: Identifying central and peripheral thermosensors in eurythermal and stenothermal Arctic fishes

Organization : York, Julia M

SAM Legal Business Name :

PI Name : Julia York

Program Name : POST DOC/TRAVEL

Rating : (b) (4)

ReviewText:

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to intellectual merit.

(b) (4)



(b) (4)



In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to broader impacts.

(b) (4)



(b) (4)



Please evaluate the strengths and weaknesses of the proposal with respect to any additional solicitation-specific review criteria, if applicable

(b) (4)



Summary Statement

(b) (4)



Please DO NOT REPLY TO THIS MESSAGE, as this email was sent from an address that cannot accept incoming messages.

From: fastlane@p-web-mt11.prod.nsf.gov
To: [FastLane Mail DL](#); [Hill, Erica](#)
Subject: Proposal Review/OPP/5247/2318348/(b) (6) /Horlings
Date: Thursday, May 18, 2023 1:21:36 PM

Reviewer Name: (b) (6)

Email ID: (b) (6)

Proposal : 2318348

Proposal Title : Postdoctoral Fellowship: OPP-PRF: Spatiotemporal evolution of firn hydrology on the Juneau Icefield, Alaska

Organization : Horlings, Annika N

SAM Legal Business Name :

PI Name : Annika Horlings

Program Name : POST DOC/TRAVEL

Rating (b) (4)

ReviewText:

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to intellectual merit.

(b) (4)

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to broader impacts.

(b) (4)

Please evaluate the strengths and weaknesses of the proposal with respect to any additional solicitation-specific review criteria, if applicable

1. Qualifications of the candidate and their potential for enhancing the diversity and/or breadth of the existing polar scientific research community (Pick one: (b) (4))

2. Evidence of prior leadership in scientific research and their potential for leadership in the polar research community: (Pick one (b) (4))

3. Suitability of the sponsoring scientist(s) and available facilities, equipment and other resources: (Pick one

(b) (4)

Summary Statement

(b) (4)

Please DO NOT REPLY TO THIS MESSAGE, as this email was sent from an address that cannot accept incoming messages.

From: fastlane@p-web-mt10.prod.nsf.gov
To: [FastLane Mail DL](#); [Hill, Erica](#)
Subject: Proposal Review/OPP/5247/2318348/(b) (6) /Horlings
Date: Monday, May 22, 2023 7:06:58 PM

Reviewer Name: (b) (6)

Email ID: (b) (6)

Proposal : 2318348

Proposal Title : Postdoctoral Fellowship: OPP-PRF: Spatiotemporal evolution of firn hydrology on the Juneau Icefield, Alaska

Organization : Horlings, Annika N

SAM Legal Business Name :

PI Name : Annika Horlings

Program Name : POST DOC/TRAVEL

Rating : (b) (4)

ReviewText:

In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to intellectual merit.

(b) (4)



(b) (4)



In the context of the five review elements, please evaluate the strengths and weaknesses of the proposal with respect to broader impacts.

(b) (4)



Please evaluate the strengths and weaknesses of the proposal with respect to any additional solicitation-specific review criteria, if applicable

(b) (4)



(b) (4)

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Summary Statement

(b) (4)

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Please DO NOT REPLY TO THIS MESSAGE, as this email was sent from an address that cannot accept incoming messages.

From: [Julie Raymond-Yakoubian](#)
To: [Hill, Erica](#)
Subject: Re: [EXTERNAL] - [1304162] Fw: A Notification/Request has been submitted to NSF
Date: Tuesday, May 3, 2022 1:28:12 PM

Hi Erica,

Ok, thank you. Also, our annual report should be submitted today, it looks like. Some people who have to sign off on every grant report have been out, but I think are all back now.

And thanks for the note re Brenden!

Best,
Julie

From: Hill, Erica <erhill@nsf.gov>
Sent: Tuesday, May 3, 2022 6:08 AM
To: Julie Raymond-Yakoubian
Subject: Re: [EXTERNAL] - [1304162] Fw: A Notification/Request has been submitted to NSF

CAUTION - EXTERNAL EMAIL: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Julie,

Thanks for the email. (b) (4)

[REDACTED]

[REDACTED]

[REDACTED]

Take care,
Erica

P.S. I was on the line when Brenden spoke at the Indigenous Knowledge federal listening session a couple of weeks ago (I'm one of two NSF reps on that committee). I think his comments were some of the clearest and most cogent I've heard, and I look forward to reading the written comments that Kawerak submits.

Erica Hill, PhD
Program Officer, Arctic Social Sciences
National Science Foundation

Office: 703.292.4521

Arctic Research Funding Opportunities ([NSF 21-526](#)) no deadline

Arctic Dissertation Research Grants ([NSF 20-597](#)) Next Deadline: May 15, 2022

From: Julie Raymond-Yakoubian <juliery@kawerak.org>
Date: Monday, May 2, 2022 at 11:55 PM
To: "Hill, Erica" <erhill@nsf.gov>
Subject: [EXTERNAL] - [1304162] Fw: A Notification/Request has been submitted to NSF

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Erica,
Apologies for submitting this without talking with you first! I have some extended leave time coming up and the dates for that just changed, so I wanted to make sure I submitted this request before I left and before the 45 day deadline.

(b) (4)
[Redacted]

Please let me know if have any questions about this or would like to talk about it in any more detail.
Quyana!
Julie

From: NotificationRequests@nsf.gov <NotificationRequests@nsf.gov>
Sent: Monday, May 2, 2022 7:43 PM
To: Donna Ray; Dani Smithhisler; Julie Raymond-Yakoubian
Subject: A Notification/Request has been submitted to NSF

CAUTION - EXTERNAL EMAIL: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Mon May 02 23:43:03 EDT 2022
This is the AOR's copy of this notification/request. Please note all requests require NSF approval prior to taking action.

Award Details

- PI First Name: Julie
- PI Last Name: Raymond-Yakoubian
- PI E-Mail address: jraymond-yakoubian@kawerak.org
- Award Number: 1304162

Notification/Request Details

Notification/Request Type: **NSF-Approved No-Cost Extension**

Revised End Date: **Fri Jun 30 EDT 2023**

Remaining Funds: **\$1866**

Justification for NSF-Approved No-Cost Extension:

We have drafts of all of our deliverables, but they are not yet finalized. We need additional time to finalize products and get them to publication. We have received additional non-NSF funds to enhance the design/layout/formatting of project products, and these funds have later end dates so we would like to synchronize end-dates as much as possible to produce the best and most useful products.

Plan for use of unobligated funds:

The funds will all be spent by the revised end date.

Explanation for late request:

N/A

Please use Research.gov application to review and submit this request.

This e-mail was sent from an address that cannot accept incoming email therefore please DO NOT REPLY TO THIS MESSAGE.

From: [Chase, Lura](#)
To: [Hill, Erica](#)
Subject: Re: [EXTERNAL] - Agenda and Actions: Subcommittee on Indigenous Knowledge Meeting 1-9
Date: Monday, January 9, 2023 4:34:57 PM

I've rarely been more lost and confused. I'm not sure if we are to add to the list, volunteer for a bullet...

From: "Hill, Erica" <erhill@nsf.gov>
Date: Monday, January 9, 2023 at 3:35 PM
To: "Chase, Lura" <lchase@nsf.gov>
Subject: Re: [EXTERNAL] - Agenda and Actions: Subcommittee on Indigenous Knowledge Meeting 1-9

Just joined. Stupid outlook!

Erica Hill, PhD
Program Officer, Arctic Social Sciences
National Science Foundation

Office: 703.292.4521

Arctic Research Funding Opportunities ([NSF 21-526](#)) no deadline

Arctic Dissertation Research Grants ([NSF 20-597](#)) Next Deadline: May 15, 2023

OPP-Postdoctoral Fellowships ([NSF 22-635](#)) Next Deadline: February 6, 2023

From: "Chase, Lura" <lchase@nsf.gov>
Date: Monday, January 9, 2023 at 3:34 PM
To: "Hill, Erica" <erhill@nsf.gov>
Subject: FW: [EXTERNAL] - Agenda and Actions: Subcommittee on Indigenous Knowledge Meeting 1-9

Jody Chase
703-402-8819 (texts/calls only—no recorded messages)

<http://nativesciencereport.org/2019/10/weaving-stem-education-and-culture/>

A Best-Kept Secret: https://www.nsf.gov/news/mmg/mmg_disp.jsp?med_id=133828

A STEM Workforce for the Future: https://www.nsf.gov/news/mmg/mmg_disp.jsp?med_id=186090

(b) (6)

Subject: [EXTERNAL] - Agenda and Actions: Subcommittee on Indigenous Knowledge Meeting 1-9

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear all,

We are excited to launch the Inaugural meeting of the Subcommittee on Indigenous Knowledge this Monday, January 9, 3:30-4:30 pm ET!

Agenda attached **action items highlighted below.**

Notes:

- **Subcommittee Membership:** Now is a great time to assess your agency representation on this group. For example, are there new employees at your agency engaged on IK issues who should be involved in this work? **Let us know if you would like to make changes to your agency's roster (current roster on Max as [ROSTER-NSTC-Subcommittee-on-IK.xlsx](#))**
- We have cleaned up [the Max page](#) to add final documents related to the Guidance release. All the IK Guidance development materials, engagement, and sub-folders are now in a dedicated folder.
- We are exploring a potential hybrid meeting on January 30, 3:30-4:30, with the option for DC-based people to join in-person. **Would you be interested in attending in-person a Subcommittee meeting January 30, 3:30-4:30 pm on the White House campus? Respond to this email and let me know if yes.** We will move forward if there is sufficient interest.

- Next Tuesday, January 10, 2-3 pm ET, our own 'Aulani Wilhelm (OSTP), Haley Case-Scott (OSTP), and Morgan Rodman (WHCNAA ED) will present on the IK Guidance on the Inaugural [White House Council on Native American Affairs Tribal and Indigenous Climate Series](#)

See you next week!

NSTC Subcommittee on Indigenous Knowledge Co-chairs:

Gretchen Goldman (OSTP)

Nausheen Iqbal (CEQ)

Wenona Wilson (BIA)

Mose Herne (NIH)

--

Gretchen T. Goldman, PhD

(she/her)

Asst. Director for Environmental Science, Engineering, Policy & Justice

Office of Science and Technology Policy

Executive Office of the President

(b) (6)

c: (b) (6)

From: [Chase, Lura](#)
To: [Hill, Erica](#)
Subject: Re: [EXTERNAL] - Agenda and Actions: Subcommittee on Indigenous Knowledge Meeting 1-9
Date: Monday, January 9, 2023 4:52:47 PM

One intriguing aspect would be training federal employees—not that I feel competent, but It's at least an action item. (b)(5) - Deliberative Process

So I came away with many questions, mass confusion, and also no idea if OSTP still exists or if NSTC is a new layer in fed bureaucracy.

Any thoughts on the role of exec sec? That seems the most feasible to consider in the short term—I mean, who to nominate or encourage. Cause it's got an action and an outcome (smile).

From: "Hill, Erica" <erhill@nsf.gov>
Date: Monday, January 9, 2023 at 4:39 PM
To: "Chase, Lura" <lchase@nsf.gov>
Subject: Re: [EXTERNAL] - Agenda and Actions: Subcommittee on Indigenous Knowledge Meeting 1-9

Not a very useful meeting—I agree.

Still not clear on what the point of the committee is!

Erica Hill, PhD
Program Officer, Arctic Social Sciences
National Science Foundation

Office: 703.292.4521

Arctic Research Funding Opportunities ([NSF 21-526](#)) no deadline

Arctic Dissertation Research Grants ([NSF 20-597](#)) Next Deadline: May 15, 2023

OPP-Postdoctoral Fellowships ([NSF 22-635](#)) Next Deadline: February 6, 2023

From: "Chase, Lura" <lchase@nsf.gov>

Date: Monday, January 9, 2023 at 4:34 PM

To: "Hill, Erica" <erhill@nsf.gov>

Subject: Re: [EXTERNAL] - Agenda and Actions: Subcommittee on Indigenous Knowledge Meeting 1-9

I've rarely been more lost and confused. I'm not sure if we are to add to the list, volunteer for a bullet...

From: "Hill, Erica" <erhill@nsf.gov>

Date: Monday, January 9, 2023 at 3:35 PM

To: "Chase, Lura" <lchase@nsf.gov>

Subject: Re: [EXTERNAL] - Agenda and Actions: Subcommittee on Indigenous Knowledge Meeting 1-9

Just joined. Stupid outlook!

Erica Hill, PhD
Program Officer, Arctic Social Sciences
National Science Foundation

Office: 703.292.4521

Arctic Research Funding Opportunities ([NSF 21-526](#)) no deadline

Arctic Dissertation Research Grants ([NSF 20-597](#)) Next Deadline: May 15, 2023

OPP-Postdoctoral Fellowships ([NSF 22-635](#)) Next Deadline: February 6, 2023

From: "Chase, Lura" <lchase@nsf.gov>

Date: Monday, January 9, 2023 at 3:34 PM

To: "Hill, Erica" <erhill@nsf.gov>

Subject: FW: [EXTERNAL] - Agenda and Actions: Subcommittee on Indigenous Knowledge Meeting 1-9

Jody Chase
703-402-8819 (texts/calls only—no recorded messages)

<http://nativesciencereport.org/2019/10/weaving-stem-education-and-culture/>

A Best-Kept Secret: https://www.nsf.gov/news/mmg/mmg_disp.jsp?med_id=133828

A STEM Workforce for the Future: https://www.nsf.gov/news/mmg/mmg_disp.jsp?med_id=186090

From: "Goldman, Gretchen T. EOP/OSTP" (b) (6)

Date: Friday, January 6, 2023 at 4:56 PM

To: (b) (6)

[Redacted]

<lchase@nsf.gov>, "Hill, Erica" <erhill@nsf.gov>, "Craig-Henderson, Kellina M" "Chase, Lura"

<khenders@nsf.gov>, (b) (6)

[Redacted content]

Subject: [EXTERNAL] - Agenda and Actions: Subcommittee on Indigenous Knowledge Meeting 1-9

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear all,

We are excited to launch the Inaugural meeting of the Subcommittee on Indigenous Knowledge this Monday, January 9, 3:30-4:30 pm ET!

Agenda attached **action items highlighted below.**

Notes:

- **Subcommittee Membership:** Now is a great time to assess your agency representation on this group. For example, are there new employees at your agency engaged on IK issues who should be involved in this work? **Let us know if you would like to make changes to your agency's roster (current roster on Max as [ROSTER-NSTC-Subcommittee-on-IK.xlsx](#))**
- We have cleaned up [the Max page](#) to add final documents related to the Guidance release. All the IK Guidance development materials, engagement, and sub-folders are now in a dedicated folder.
- We are exploring a potential hybrid meeting on January 30, 3:30-4:30, with the option for DC-based people to join in-person. **Would you be interested in attending in-person a Subcommittee meeting January 30, 3:30-4:30 pm on the White House campus? Respond to**

this email and let me know if yes. We will move forward if there is sufficient interest.

- Next Tuesday, January 10, 2-3 pm ET, our own 'Aulani Wilhelm (OSTP), Haley Case-Scott (OSTP), and Morgan Rodman (WHCNAA ED) will present on the IK Guidance on the Inaugural [White House Council on Native American Affairs Tribal and Indigenous Climate Series](#)

See you next week!

NSTC Subcommittee on Indigenous Knowledge Co-chairs:

Gretchen Goldman (OSTP)

Nausheen Iqbal (CEQ)

Wenona Wilson (BIA)

Mose Herne (NIH)

--

Gretchen T. Goldman, PhD

(she/her)

Asst. Director for Environmental Science, Engineering, Policy & Justice

Office of Science and Technology Policy

Executive Office of the President

(b) (6)

c: (b) (6)

From: [Ann Riordan](#)
To: [Hill, Erica](#)
Subject: Re: [EXTERNAL] - co-production of knowledge
Date: Thursday, December 15, 2022 1:52:12 PM

well great! I'm glad this was helpful. you folks are indeed the leaders, which can't be an easy role to play.

and you have a great holiday as well. we're wallowing in 3 feet of new snow, which (so far) has been fun. cheers, ann

On 12/15/2022 9:19 AM, Hill, Erica wrote:

> Dear Ann,

>

> I *really* appreciate you taking the time to write, and I have shared your email with a couple of folks who did indeed feel a little 'beat up' by some of the messaging. Folks in the Arctic Section don't always succeed in our efforts, but our hearts are in the right place. I'm proud to say that Arctic generally leads NSF in our promotion of Indigenous knowledge, but that doesn't mean we don't still have a long way to go!

>

> Thank you again for writing. And very best wishes for the holidays!

>

> Erica

>

>

> Erica Hill, PhD

> Program Officer, Arctic Social Sciences

> National Science Foundation

>

> Office: 703.292.4521

>

> Arctic Research Funding Opportunities (NSF 21-526 <<https://www.nsf.gov/pubs/2021/nsf21526/nsf21526.htm>>) no deadline

>

> Arctic Dissertation Research Grants (NSF 20-597 <<https://www.nsf.gov/pubs/2020/nsf20597/nsf20597.htm>>)

Next Deadline: December 15, 2022

>

> OPP-Postdoctoral Fellowships (NSF 22-635 <https://www.nsf.gov/pubs/2022/nsf22635/nsf22635.htm?WT.mc_ev=click&WT.mc_id=&utm_medium=email&utm_source=govdelivery>)

Next Deadline: February 6, 2023

>

>

>

>

> On 12/15/22, 12:01 PM, "Ann Riordan" <riordan@alaska.net> <<mailto:riordan@alaska.net>>> wrote:

>

>

> This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

>

>

>

>

>

>

> Hi Erica, I was able to listen in virtually to several of the NNA

> keynotes here in Anchorage a few weeks back, and I had a thought I

> wanted to share with you, and anyone else who you thought might find
> this useful.
>
>
> Overall, the emphasis on co-production seems to me a great step forward.
> That said, it sounds like some of the NSF staff attending might have
> gotten more criticism for not moving fast enough, far enough, etc. I'm
> not a political animal by nature, but listening in, I wanted to let your
> colleagues know that in the Arctic Social Science program, you've been
> doing so-called co-production before the term was invented! CEC has
> benefited from NSF support, in various ways, for over 20 years, and each
> and every program officer we've worked with--from Noel Broadbent to Fao
> Korsmo, Anna Kertulla, Bill Wiseman, Roberto Delgado, and now you--we've
> had advocates and partners who make our big collaborative projects
> possible.
>
>
> I tell people that anthropology in Alaska is a team sport, and I can
> only do what I do because I'm part of a great team. You're part of that
> team, too, as are your colleagues back there in DC! thank you all!
> quyana, ann
>
>
>
>
>
>
>

From: [Sheridan, Nathan](#)
To: [Hill, Erica](#)
Subject: RE: [EXTERNAL] - December Arctic Policy Group Meeting- 12/15 3:00pm EST
Date: Wednesday, December 14, 2022 3:15:58 PM

That works great. Thanks, Erica.

Nathan

From: Hill, Erica <erhill@nsf.gov>
Sent: Wednesday, December 14, 2022 3:06 PM
To: Sheridan, Nathan <SheridanN@state.gov>
Cc: Crishock, Louis J <CrishockLJ@state.gov>
Subject: Re: [EXTERNAL] - December Arctic Policy Group Meeting- 12/15 3:00pm EST

Sure. I'll send you a few slides by tomorrow AM, if that works?

Thanks for fitting me in.

Erica

Erica Hill, PhD
Program Officer, Arctic Social Sciences
National Science Foundation

Office: 703.292.4521

Arctic Research Funding Opportunities ([NSF 21-526](#)) no deadline

Arctic Dissertation Research Grants ([NSF 20-597](#)) Next Deadline: December 15, 2022

OPP-Postdoctoral Fellowships ([NSF 22-635](#)) Next Deadline: February 6, 2023

From: "Sheridan, Nathan" ^{(b) (6)}
Date: Wednesday, December 14, 2022 at 3:04 PM
To: "Hill, Erica" <erhill@nsf.gov>
Cc: "Crishock, Louis J" ^{(b) (6)}
Subject: RE: [EXTERNAL] - December Arctic Policy Group Meeting- 12/15 3:00pm EST

Hi Erica,

Great idea! We'd certainly welcome a presentation on this. Would you be ok going at 4:00pm? I'll add you to the agenda.

Best,

Nathan

From: Hill, Erica <erhill@nsf.gov>
Sent: Wednesday, December 14, 2022 2:49 PM
To: Sheridan, Nathan (b) (6)
Cc: Crishock, Louis J (b) (6)
Subject: Re: [EXTERNAL] - December Arctic Policy Group Meeting- 12/15 3:00pm EST

Thanks for the agenda.

Any interest in a short presentation on the new federal guidelines on Indigenous knowledge? The new guidance was spear-headed by OSTP and involved reps from over 25 federal agencies, including NSF. The guidance is intended to 'elevate Indigenous knowledge in federal decision making.' Here's a link:

<https://www.whitehouse.gov/ceq/news-updates/2022/12/01/white-house-releases-first-of-a-kind-indigenous-knowledge-guidance-for-federal-agencies/>

Happy to do a few slides/5 minutes if there's interest.

Best wishes,
Erica

Erica Hill, PhD
Program Officer, Arctic Social Sciences
National Science Foundation

Office: 703.292.4521

Arctic Research Funding Opportunities (NSF 21-526) no deadline

Arctic Dissertation Research Grants (NSF 20-597) Next Deadline: December 15, 2022

OPP-Postdoctoral Fellowships (NSF 22-635) Next Deadline: February 6, 2023

From: "Sheridan, Nathan" (b) (6)
Date: Wednesday, December 14, 2022 at 1:54 PM
To: "Sheridan, Nathan" (b) (6)
Cc: "Crishock, Louis J" (b) (6)
Subject: [EXTERNAL] - December Arctic Policy Group Meeting- 12/15 3:00pm EST

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello APG members,

Please see the attached agenda for the December Arctic Policy Group meeting to be held tomorrow, Thursday 12/15 from 3:00pm EST. Webex information has been copied below in addition to the Webex system-generated calendar invitation that was just disseminated.

Regards,
Nathan

Meeting number (access code): (b) (4)

Meeting password: (b) (4) from phones)

More ways to join:

Join from the meeting link

(b) (4)

Below is the URL for the Meeting:

(b) (4)

Tap to join from a mobile device (attendees only)

(b) (4) USA toll
(b) (4) USA Toll 2

Some mobile devices may ask attendees to enter a numeric password.

Join by phone

(b) (4) USA toll
(b) (4) USA Toll 2

[Global call-in numbers](#)

Join from a video system or application

Dial

(b) (4)

Nathan Sheridan

Arctic Affairs Officer | Office of Ocean and Polar Affairs

Bureau of Oceans and International Environmental and Scientific Affairs

U.S. Department of State

(b) (6)

Office (202) 647-0237

Mobile (b) (6)

From: [Delgado, Roberto](#)
To: [Hill, Erica](#)
Subject: Re: [EXTERNAL] - Delivery of NSTC Indigenous Knowledge Subcommittee Progress Report Template
Date: Thursday, March 16, 2023 10:45:22 AM

Ok, good; one less thing on my list today!

--

Roberto A Delgado Jr, PhD
Acting Deputy Scientific Integrity Official
Office of the Director
National Science Foundation
2415 Eisenhower Avenue
Alexandria VA 22314 – USA

E-mail: robdelga@nsf.gov
Tel: 1.703.292.2397 / Mob: 1.703.342.8732

From: "Hill, Erica" <erhill@nsf.gov>
Date: Thursday, March 16, 2023 at 10:44 AM
To: "Delgado, Roberto" <robdelga@nsf.gov>
Subject: FW: [EXTERNAL] - Delivery of NSTC Indigenous Knowledge Subcommittee Progress Report Template

FYI—Sent to Jennifer Pearl.

Erica Hill, PhD
Program Officer, Arctic Social Sciences
Arctic Sciences Lead, OPP Post-Doctoral Fellowship Program
Office of Polar Programs, GEO
National Science Foundation

Office: 703.292.4521

Arctic Research Funding Opportunities ([NSF 21-526](#)) no deadline

Arctic Dissertation Research Grants ([NSF 20-597](#)) Next Deadline: May 15, 2023

OPP-Postdoctoral Fellowships ([NSF 22-635](#)) Next Target Date: February 5, 2024

From: Gretchen Goldman ^{(b) (6)}
Tuesday, March 16, 2023 at 10:39 AM
To: "Hill, Erica" <erhill@nsf.gov>
Subject: RE: [EXTERNAL] - Delivery of NSTC Indigenous Knowledge Subcommittee Progress

Report Template

Circling back. This has been sent to the new NSTC contact for NSF (Jennifer Pearl), FYI. Thanks for flagging!

From: Goldman, Gretchen T. EOP/OSTP
Sent: Wednesday, March 15, 2023 10:31 AM
To: 'Hill, Erica' <erhill@nsf.gov>
Subject: RE: [EXTERNAL] - Delivery of NSTC Indigenous Knowledge Subcommittee Progress Report Template

Haha, ok will do!

From: Hill, Erica <erhill@nsf.gov>
Sent: Wednesday, March 15, 2023 10:28 AM
To: Goldman, Gretchen T. EOP/OSTP (b) (6)
Subject: Re: [EXTERNAL] - Delivery of NSTC Indigenous Knowledge Subcommittee Progress Report Template

Yep, please make sure this goes to NSF leadership—not me! I'm so overextended I'm not even in the same state! :)

Erica

Erica Hill, PhD
Program Officer, Arctic Social Sciences
Arctic Sciences Lead, OPP Post-Doctoral Fellowship Program
Office of Polar Programs, GEO
National Science Foundation

Office: 703.292.4521

Arctic Research Funding Opportunities ([NSF 21-526](#)) no deadline

Arctic Dissertation Research Grants ([NSF 20-597](#)) Next Deadline: May 15, 2023

OPP-Postdoctoral Fellowships ([NSF 22-635](#)) Next Target Date: February 5, 2024

From: Gretchen Goldman (b) (6)
Date: Wednesday, March 15, 2023 at 10:26 AM
To: "Hill, Erica" <erhill@nsf.gov>
Subject: RE: [EXTERNAL] - Delivery of NSTC Indigenous Knowledge Subcommittee Progress

(b) (6) [Redacted]

NSF NSTC Administration Group <nstc@nsf.gov>

(b) (6) [Redacted]

Cc: Gretchen Goldman (b) (6), "Iqbal, Nausheen EOP/CEQ"

(b) (6), MBX OSTP ITEK (b) (6)

(b) (6) [Redacted]

(b) (6)

[Redacted text block]

"Chase, Lura" <lchase@nsf.gov>, "Hill, Erica" <erhill@nsf.gov>, "Craig-Henderson, Kellina M" <khenders@nsf.gov>, (b) (6)

[Redacted text block]

(b) (6)

Subject: [EXTERNAL] - Delivery of NSTC Indigenous Knowledge Subcommittee Progress Report Template

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

To: NSTC Principals

CC: NSTC Subcommittee on Indigenous Knowledge

The National Science and Technology Council (NSTC) is transmitting to you the attached template for Federal departments and agencies to use to submit the 180-day progress reports requested in the November 30, 2022 [OSTP-CEQ Memorandum on Implementation of Guidance for Federal Departments and Agencies on Indigenous Knowledge](#). The progress reports are due to be submitted to the NSTC Subcommittee on Indigenous Knowledge mailbox at ITEK@ostp.eop.gov by May 30, 2023.

Agency submissions are for Executive Branch use only, but may be summarized in public-facing materials after interagency review. OSTP, CEQ, and the NSTC Subcommittee on Indigenous Knowledge will review the agency submissions to understand agency progress and identify cross-agency needs and opportunities for continued implementation of the government-wide White House-led Indigenous Knowledge Guidance. The content of this template has been reviewed by members of the NSTC Subcommittee on Indigenous Knowledge, as well as other relevant EOP staff.

We encourage your staff to use this template to develop your Guidance implementation progress reports. Please reach out with any questions or concerns.

Thank you,
Gretchen Goldman and Nausheen Iqbal on behalf of the NSTC Subcommittee on Indigenous Knowledge

Gretchen T. Goldman, Ph.D.

Assistant Director for Environmental Science, Engineering, Policy and Justice

Office of Science and Technology Policy | Executive Office of the President

(b) (6) | + (b) (6) (mobile)

Nausheen Iqbal

Deputy Director for Forests and Equity

Council on Environmental Quality | Executive Office of the President

(b) (6) + (b) (6) (mobile)

From: Hill, Erica
To: [Taylor, Sara M](#); [Crain, Renee D.](#); [Lee, Olivia](#); [Haffke, Colene M.](#); [Frink, Liam](#); [Strawhacker, Colleen](#)
Subject: Re: [EXTERNAL] - Fw: NSAR Implementation Plan - Pillar 2 - Strategic Objective 2.1
Date: Monday, January 23, 2023 3:55:33 PM

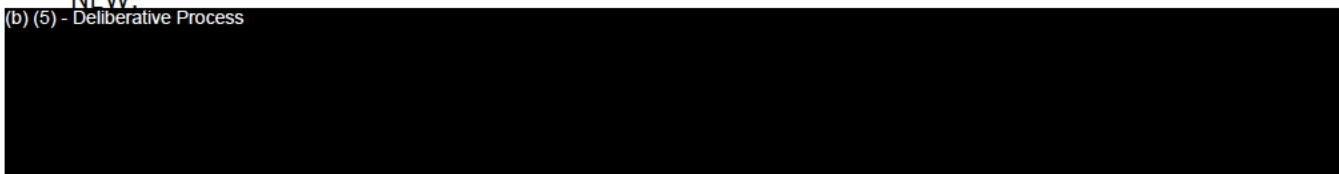
Possible rewrite:

OLD

- The National Science Foundation will continue to support new research, next generation Arctic researcher diversity, science co-production, knowledge integration, and partnership engagement through its Navigating the New Arctic Program. Ongoing work includes activities focused on coproduction of climate data and information and river ice modeling to support communities in understand and responding to changes rivers, water availability, and fisheries.

NEW:

(b) (5) - Deliberative Process



Erica Hill, PhD
Program Officer, Arctic Social Sciences
National Science Foundation

Office: 703.292.4521

Arctic Research Funding Opportunities ([NSF 21-526](#)) no deadline

Arctic Dissertation Research Grants ([NSF 20-597](#)) Next Deadline: May 15, 2023

OPP-Postdoctoral Fellowships ([NSF 22-635](#)) Next Deadline: February 6, 2023

From: Sara Taylor (b) (6) >

Date: Monday, January 23, 2023 at 3:40 PM

To: "Hill, Erica" <erhill@nsf.gov>, "Crain, Renee D." <rccrain@nsf.gov>, "Lee, Olivia" <olee@nsf.gov>, "Haffke, Colene M." <cohaffke@nsf.gov>, "Frink, Liam" <lfrink@nsf.gov>, Colleen Strawhacker <colstraw@nsf.gov>

Subject: [EXTERNAL] - Fw: NSAR Implementation Plan - Pillar 2 - Strategic Objective 2.1

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon, I apologize for the email blast - NSF is not among the supporting agencies on Strategic Objective 2.1, so I was not sure where to forward the inquiry.

Our team wanted to flag an NSF item we added to our draft for 2.1 (attached and still under

construction). It is the first bullet under the second heading in Next Steps. Since we are well over a page, I was wondering if anyone had strong feelings about keeping or cutting, any edits or corrections to offer, or would like to cut/paste this elsewhere to save time?

Thanks so much for all your hard work!

Sara

From: Taylor, Sara M (b) (6)

Sent: Monday, January 23, 2023 11:23 AM

To: (b) (6)

[Redacted]

Subject: Re: NSAR Implementation Plan - Pillar 2 - Strategic Objective 2.1

Good morning/afternoon,

Please find attached a working draft build-out for Strategic Objective 2.1. Please work within your agency and schedule as necessary to provide input and review no later than **COB Thursday**. Please let me know if you have any questions, and/or join us at the optional coordination call-in tomorrow at 3:30p EST. Thank you for your patience and support with this quick turnaround,

Sara Taylor
USDOJ - AK

From: Taylor, Sara M

Sent: Friday, January 20, 2023 4:57 PM

To: (b) (6)

[Redacted]

Subject: NSAR Implementation Plan - Pillar 2 - Strategic Objective 2.1

Good evening/morning, colleagues,

Thank you for helping DOI imagine, develop, and execute on the implementation of Strategic Objective 2.1 in the 2022 NSAR. Here is a quick update on where we are at in the process.

Please look for a draft one-pager in your inbox by Monday AM EST and coordinate as necessary to provide input on behalf of your agency by Thursday ~~PM EST~~ COB. We look forward to seeing all the great work and aspirations your teams are pursuing!

Please watch for a calendar invitation for a call-in opportunity with the Pillar 2 Leads on Tuesday at 3:30-4p EST | 11:30-Noon AKST.

Please see updated contact list below. We are still working on POCs for EPA and DOE, which we will add in once we connect. Have a great weekend,

Sara Taylor
USDOJ - AK

Pillar 2—Climate Change and Environmental Protection: Build Resilience and Advance Adaptation, while Mitigating Emissions

Strategic Objective 2.1: Advance Community Adaptation and Climate Resilience

We will support communities as they face [climate-related] challenges, providing data and financial and technical assistance to enable community adaptation and resilience planning. We will collaborate with Alaska Native communities to determine preferred solutions for these and other climate challenges, and we will coordinate across federal, state, and local agencies to define dedicated roles and responsibilities to deliver whole-of-government support.

Lead: DOI [Raina Thiele]

Supporting: NOAA [Geoff Dipre], HUD [Chad Stovall, Danielle Schopp], USDA [Julia Hnilicka, Michael Shephard, David Schmid, Alan McBee, Brett Nelson], USARC [Cheryl Rosa], DHS [Christopher Hartnett, Brianne Yoo], FEMA [Erin Buckley], NASA [Michael Falkowski], Denali Commission [Jocelyn Fenton], EPA, DOE

From: [Rack, Frank R.](#)
To: [Pope, Allen James](#); [OPP ARC Program Officers](#)
Subject: Re: [EXTERNAL] - Fwd: Arctic Daily Update: June 29, 2022
Date: Thursday, June 30, 2022 9:08:45 AM

Allen,

Yes, I saw this too. In her research Diana Loucks has used the Poker Flats Incoherent Scatter Radar (ISR) and the Resolute Bay ISR, which are both managed through an award with AGS. The Career award (AGS-2144942) expands on these prior efforts.

Cheers,

Frank

Frank R. Rack, Ph.D.
Program Manager
Research Support & Logistics (RSL)
Arctic Sciences Section, Office of Polar Programs (OPP), W7132
National Science Foundation
2415 Eisenhower Avenue
Alexandria, VA 22314
Tel: 703-292-2684 (direct)
Tel: 703-292-8029 (main)
[Email: frack@nsf.gov](mailto:frack@nsf.gov)

From: Pope, Allen James <apope@nsf.gov>
Date: Wednesday, June 29, 2022 at 8:21 PM
To: OPP ARC Program Officers <opp-arc-po@nsf.gov>
Subject: FW: [EXTERNAL] - Fwd: Arctic Daily Update: June 29, 2022

FYI, not sure if other folks were aware of this – but I saw this announcement of an Arctic space weather CAREER award funded by AGS. (news item also below) https://www.nsf.gov/awardsearch/showAward?AWD_ID=2144942&HistoricalAwards=false

I know we're discussing polar cooperation a lot, and this area of research definitely overlaps with research in the Antarctic Geospace program!

-Allen

--

Dr. Allen Pope (he/him)
Program Director for Polar Cyberinfrastructure

[Arctic Research Opportunities](#) | [Antarctic Research](#) | [Cyberinfrastructure for the Geosciences](#) –

[Opportunities](#) | Supplements: [INTERN](#), [Career-Life Balance](#), [REU](#), [RET](#), [GEO-VETS](#) | [Facilitation Awards for Scientists and Engineers with Disabilities \(FASSED\)](#) | [Mid-Career Advancement](#) | [HBCU-EiR](#) | [Search for more NSF funding opportunities](#)

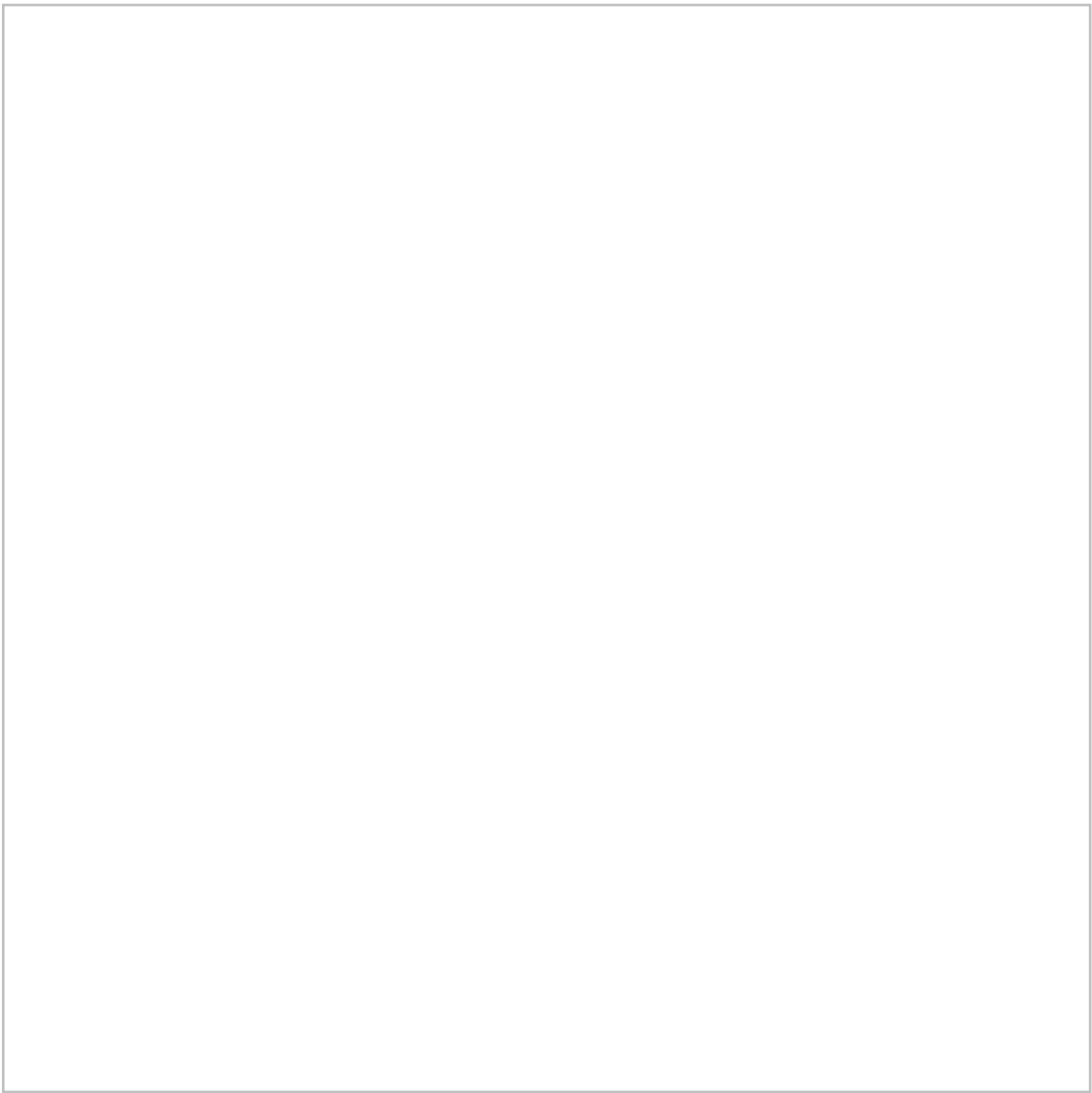
From: Allen Pope <allen.pope@post.harvard.edu>
Date: Wednesday, June 29, 2022 at 10:21 AM
To: "Pope, Allen James" <apope@nsf.gov>
Subject: [EXTERNAL] - Fwd: Arctic Daily Update: June 29, 2022

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

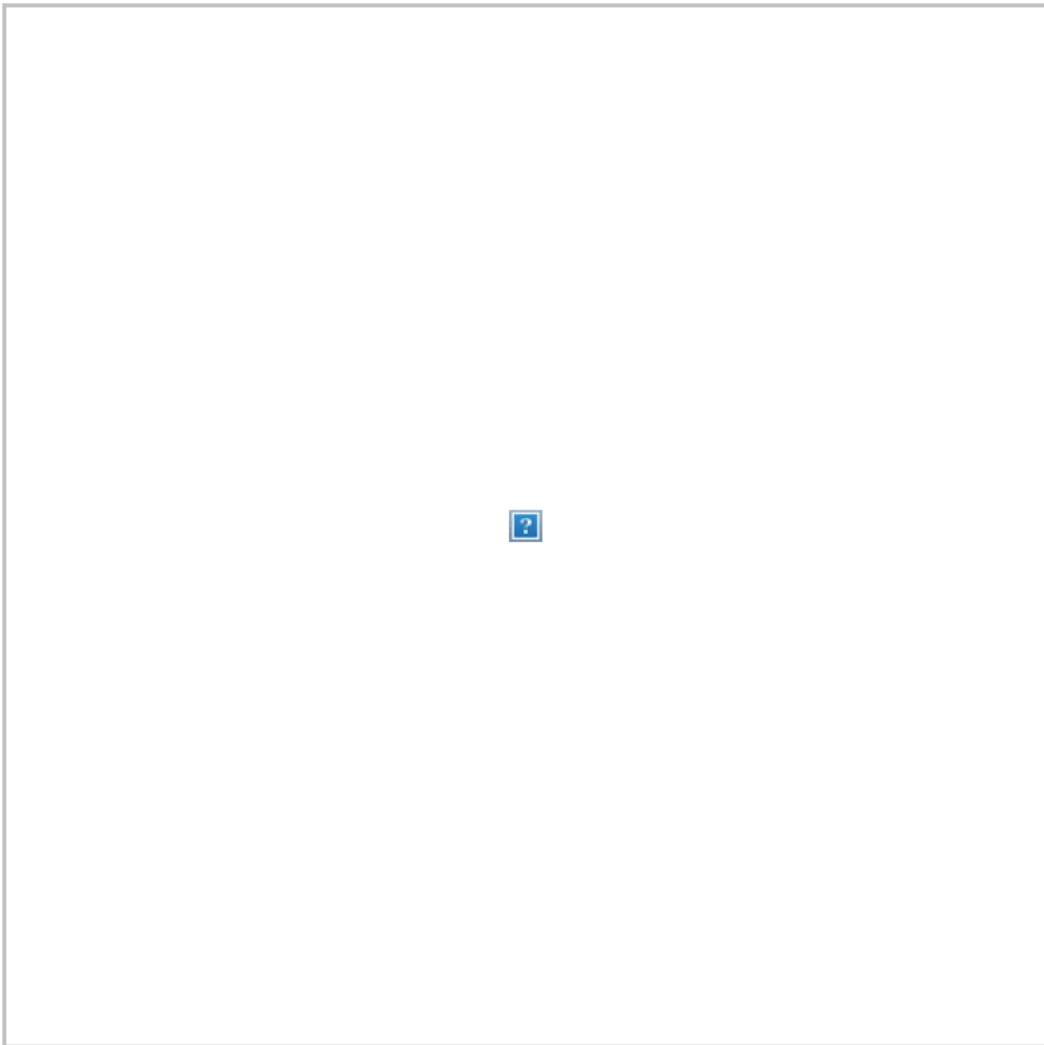
----- Forwarded message -----

From: **US Arctic Research Commission** <donotreply@arctic.gov>
Date: Wed, Jun 29, 2022 at 07:09
Subject: Arctic Daily Update: June 29, 2022
To: <allen.pope@post.harvard.edu>





June 29, 2022



June 27-30, 2022 | Seattle, Washington USA

Observing, Modeling, and Understanding the Circulation of the Arctic Ocean and Sub-Arctic Seas Workshop

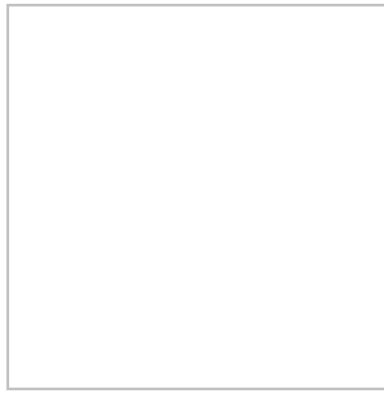
The US CLIVAR Observing, Modeling, and Understanding the Circulation of the Arctic Ocean and Sub-Arctic Seas Workshop will explore changes in Arctic Ocean and sub-Arctic seas circulation related to global change and the observing system required to track those changes in the future. The observing system design effort will be cognizant of the practical, geopolitical, and operational constraints of Arctic Ocean observing, but will incorporate modern objective experimental design and data assimilation using numerical models as fundamental guiding principles. Its work will contribute to evaluations of model simulations and observational analyses to assess opportunities for model improvements.



Event Link



NSF Invests in West Point's Arctic Space Research



Col. Diana Loucks has a passion for understanding space weather and its impact on military effectiveness. Her work investigates how the aurora affects GPS signals in the Arctic. As Loucks explains, "Space weather's effects on Global Positioning System (GPS) signals in the auroral oval have led to numerous advances in how we understand the behavior of the high-latitude ionosphere. As our understanding has grown, so has the depth of our questions about how these kilometer-scale structures develop, and the effects they have on ground and aerial users."

Defense Visual Information Distribution Service

Thawing Permafrost is Shaping the Global Climate

A new publication and interactive map summarize the current state of knowledge on the risks posed by permafrost soils – and call for decisive action. How is climate change affecting the permanently frozen soils of the Arctic? What will the consequences be for the global climate, human beings, and ecosystems?

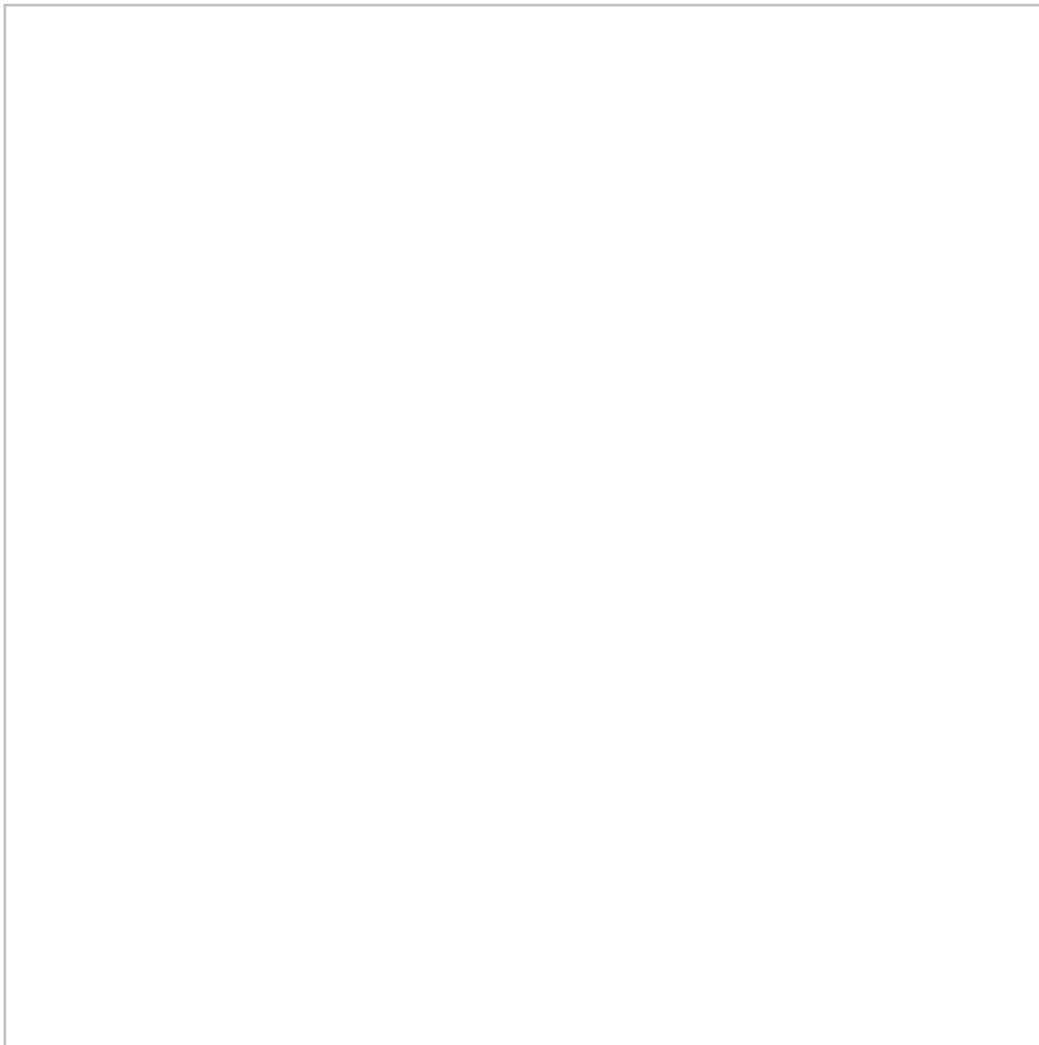
EurekAlert!

Ailing Oceans in State of 'Emergency', Says UN Chief



A long-delayed conference on how to restore the faltering health of global oceans kicked off in Lisbon on Monday, with the head of the UN saying the world's seas are in crisis. "Today we face what I would call an ocean emergency," UN Secretary General Antonio Guterres told thousands of policymakers, experts and advocates at the opening plenary, describing how seas have been hammered by climate change and pollution.

Phys.org



August 1-4, 2022 | Utqiagvik, Alaska USA

75th Anniversary of the Naval Arctic Research Laboratory: Celebrating the Past—Planning for the Future

The events during the week of August 1st, 2022, will include Enhancing Arctic Science and Engineering Workshop along with Regional Development Tours and forums on the Arctic science to plan for the next 25 years of Arctic research. Participants will include scientists and engineers, Indigenous leaders, Arctic community members, policymakers, government organizations and businesses to celebrate past research success, take stock of current challenges and opportunities and plan for the next generation of collaboration and knowledge co-production that will keep Utqiagvik and Indigenous knowledge at the forefront of Arctic science and contribute to a

safe and sustainable future for
the Arctic.

[Event Link](#)

August 27-29, 2022 | Nuuk, Greenland
2022 Arctic Circle Greenland Forum

The Forum is organized in cooperation with Naalakkersuisut - The Government of Greenland. The Focus of the 2022 Greenland Forum will be on climate and prosperity; and, geopolitics and progress.

[Event Link](#)

October 13-16, 2022 | Reykjavík, Iceland
Arctic Circle Assembly

The Arctic Circle Assembly is an open democratic platform with participation from governments, organizations, corporations, universities, think tanks, environmental associations, indigenous communities, concerned citizens, and others. It is nonprofit and nonpartisan.

[Event Link](#)

October 25-27, 2022 Fairbanks, Alaska USA
US Arctic Research Commission's 115th Meeting

More information to follow.

October 28-30, 2022 Eatonville, Washington USA
Graduate Climate Conference

The Graduate Climate Conference (GCC) is an interdisciplinary climate conference run by graduate students, for graduate students. Over the last sixteen years, graduate students representing hundreds of academic institutions have come together to present research and share ideas on climate and climate change in an array of disciplines. Organizers welcome abstracts from diverse fields such as atmospheric sciences, biology, environmental management, forestry and fisheries sciences, oceanography, communication, public policy studies, urban planning, public health, and any other climate-related disciplines.

[Event Link](#)

December 12-16, 2022 Chicago, Illinois USA
AGU Fall Meeting

AGU Fall Meeting is the most influential event in the world dedicated to the advancement of Earth and space sciences. Every year, AGU Fall Meeting unites the Earth and space science community to share findings, connect like-minded scientists from around the world, and advance our profession and shared passion for the impact of science.

[Event Link](#)

[Permafrost Related Sessions](#)

March 6-10, 2023 Tokyo, Japan
Seventh International Symposium on Arctic Research (ISAR-7)

The International Symposium on Arctic Research (ISAR) has been held

every two years since 2008 and aims to present and discuss scientific results with researchers on the Arctic from all-over the world, extracting and sharing issues to solve, and exploring the future of the Arctic. ISAR-7 will consist of General Sessions and Special Sessions. General Sessions will address the following topics: atmosphere; ocean and sea ice; rivers, lakes, permafrost, and snow cover; ice sheets, glaciers, and ice cores; terrestrial ecosystems; marine ecosystems; geospacer; laws, politics, and economy; language, culture, and health; and, engineering for sustainable development.

[Event Link](#)



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<http://about.me/allenpope>

<http://www.twitter.com/PopePolar>

From: [Rack, Frank R.](#)
To: [Michael Tjernström](#); [Matthew Shupe](#); [Gijs de Boer](#); [John Cassano](#); [byron.blomquist@colorado.edu](#); [Taneil Uttal](#); [Megan.Willis@colostate.edu](#); [prattka@umich.edu](#); [Jessie.creamean@colostate.edu](#); [Paul Demott](#); [joseph.sedlar@colorado.edu](#); [Ola Persson](#); [michael.lawler@colorado.edu](#); [Vlahos, Penny](#); [Willis,Megan](#); [jeffrey.pierce@colostate.edu](#); [Shantanu.Jathar@colostate.edu](#); [Paul Zieger](#)
Cc: [Rack, Frank R.](#); [Åsa Lindgren](#); [Anna-Maria Perttu](#); [Cecilia Lund](#); [OPP ARC Program Officers](#)
Subject: Re: [EXTERNAL] - Fwd: ARTofMELT and NSF funding
Date: Thursday, February 3, 2022 9:31:33 AM
Attachments: [ARO_2022_nsf21526.pdf](#)

All,

I'm writing this email to clearly communicate the NSF-RSL (Research Support and Logistics) Program's perspectives relative to the ARTofMELT expedition planning.

Michael's message may cause some potential confusion, so let me explain.

The purpose of the discussion with SPRS was an informal exchange of information between the Swedish Polar Research Secretariat (SPRS) and the NSF-RSL Program. We did discuss the status of the ARTofMELT project planning. Michael was not involved in that meeting.

In that discussion, I pointed out that we had encouraged potential US participants during the ARTofMELT Workshop in November to submit science proposals as early as possible, to demonstrate that they were interested in participating in this cruise, to provide sufficient time to get the proposals reviewed, to schedule panel reviews, and to give the respective Program Officers the time required to arrive at funding decisions based on their internal planning schedules (but, ideally before the next ARTofMELT workshop, if possible). At the workshop, I also encouraged US PIs to use the UNOLS Marine Facilities Planning (MFP) tool to document their ship time requests and specific project requirements, even if this was associated with a prospective international project.

This advice about the timing of proposal submission recognized the typical schedule of panel reviews for NSF programs without deadlines (e.g., 2-3 times per year), and the fact that if people waited to act, then it would become more difficult to successfully coordinate to meet the milestones for planning.

The scheduling and timing of panel reviews is determined by the science Program Officers who are responsible for each program. The April date that Michael states does not apply to all programs. For example, the NSF Arctic Research Opportunities (ARO) solicitation has no deadline for proposal submission and no fixed review panel dates, it varies by program. In addition, the ARO solicitation is only one of many NSF solicitations that may be appropriate for submitting a proposal, and NSF is only one of many potential funding agencies that may accept a proposal.

Everyone who has not submitted a science proposal yet, to whatever funding agency they have chosen, may be "behind the curve" relative to the ideal timing scenario for efficient cruise planning.

The normal timeframe for scheduling funded science projects on vessels is 12 to 18 months in advance, and sometime longer if there are other parallel discussions occurring among federal agencies. This typical planning timeframe exists both in the US and in Sweden, with the additional complications of coordinating processed across different systems.

Having science project decisions available within the time frame of 12 to 18 months pre-cruise is the preferred approach for engaging in logistical discussions. For example, the (US) UNOLS (University National Oceanographic Laboratory System) global-class vessel scheduling process initiated last week to begin to schedule funded projects in 2023.

This is not to say that we can't work on shorter timelines - we often do - it just make the process more challenging due to the increased uncertainty and the resulting shorter planning horizon. This was a lesson we all learned from the MOSAiC expedition planning, and from the COVID-19 pandemic, both involving many impacts and logistical challenges.

People who are interested in participating in the ARTofMELT opportunity should talk to their respective science funding agency Program Officers to explain their interest and their intent to submit a science proposal and to evaluate any constraints on the decision-making process for any specific funding agency. This will help you to understand the expected time interval from proposal submission to funding decision and get a "reality check" on what is feasible, and to understand what potential factors may contribute to extending a decision into the summer or fall of 2022 (e.g., based on the timing of proposal submission, scheduling of panels, status of government funding (US government agencies are currently working under the authority of a Continuing Resolution that will expire on February 18, 2022), and other factors).

Michael is correct in his statement about the "importance of getting this show on the road now". You should all understand that it is likely that significant uncertainty will exist into the fall of 2022 for many of you, if you have not submitted a science proposal to a funding agency or communicated with your science Program Officer about your potential interest in this activity up to this point.

I hope this clarifies the situation for everyone. If you have any questions, please let me know, or contact your respective science Program Officer.

Best regards,

Frank

Frank R. Rack, Ph.D.
Program Manager
Research Support & Logistics (RSL)
Paleo Perspectives on Climate Change (P2C2)
Arctic Sciences Section, Office of Polar Programs (OPP), W7132
National Science Foundation
2415 Eisenhower Avenue
Alexandria, VA 22314
Tel: 703-292-2684 (direct)
Tel: 703-292-8029 (main)
[Email: frack@nsf.gov](mailto:frack@nsf.gov)

Begin forwarded message:

From: Michael Tjernström <michaelt@misu.su.se>
Date: February 3, 2022 at 5:39:22 AM EST
To: Matthew Shupe <Matthew.Shupe@noaa.gov>, Gijs de Boer <Gijs.DeBoer@colorado.edu>, John Cassano <john.cassano@colorado.edu>, byron.blomquist@colorado.edu, Taneil Uttal <Taneil.Uttal@noaa.gov>, Megan.Willis@colostate.edu, prattka@umich.edu, Jessie.creamean@colostate.edu, Paul Demott <Paul.Demott@colostate.edu>, joseph.sedlar@colorado.edu, Ola Persson <Ola.Persson@noaa.gov>, michael.lawler@colorado.edu, "Vlahos, Penny" <penny.vlahos@uconn.edu>, "Willis,Megan" <Megan.Willis@colostate.edu>, jeffrey.pierce@colostate.edu, Shantanu.Jathar@colostate.edu
Cc: Paul Zieger <Paul.Zieger@aces.su.se>, Åsa Lindgren <Asa.Lindgren@polar.se>, Anna-Maria Perttu <Anna-Maria.Perttu@polar.se>, Cecilia Lund <cecilia.lund@polar.se>
Subject: ARTofMELT and NSF funding

Uppsala 2020-02-03

Dear All,

SPRS recently had a meeting with Frank Rack at NSF concerning NSF funding for participation in ARTofMELT, and it becomes clear that **the time to submit proposals to NSF for this endeavor is now** - if you haven't already.

NSF will have a panel review in April when proposals will be handled with an emphasis on the science justification but also containing information about salaries, cost for travel berth fee (1MSEK per person) and number of days (~40), with a mobilisation on Oden in April and the deployment from early May into mid-June, 2023.

Frank will approach those of you that were present on the November workshop; I just wanted to stress the importance of getting this show on the road now so that we can proceed with the more detailed planning at the workshop in March.

If there is any information on practical issues or

complementary observations that you need to know about, do not hesitate to get in touch now.

Cheers,
Michael

--

Michael Tjernström, PhD
Professor, Boundary Layer Meteorology

Department of Meteorology &
Bolin Centre for Climate Research
Stockholm University

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Web : www.su.se/english/profiles/tjern-1.182598

(b) (6) "Chase, Lura"
<lchase@nsf.gov>, "Hill, Erica" <erhill@nsf.gov>, "Craig-Henderson, Kellina M"
<khenders@nsf.gov>, (b) (6)

Cc: (b) (6)
Subject: [EXTERNAL] - Indigenous Knowledge Working Group Launch

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Welcome to the Interagency Working Group on Indigenous Traditional Ecological Knowledge (IWG-ITEK)!

See action items **highlighted below**. Last week, with input from many of your agencies, the White House Office of Science and Technology Policy and Council on Environmental Quality released a [Memorandum on Indigenous Traditional Ecological Knowledge](#), which recognizes the importance of Indigenous Knowledge, commits to elevating Indigenous Knowledge in Federal decisionmaking, and launches the Interagency Working Group on Indigenous Traditional Ecological Knowledge (“IWG-ITEK”). The Memo was publicly [announced by President Biden](#) in his speech to the Administration’s Inaugural White House Tribal Nations Summit on Monday and has received positive feedback. We are exciting to get to work implementing the commitments in the memo.

As outlined in [the memo](#), **the charge of the IWG-ITEK is to develop guidance for Federal agencies on Indigenous Knowledge** and you have been selected by your agency to participate. Subject to feedback from this group, as well as Tribal consultation, and input from knowledge holders and the public, the anticipated scope of the Guidance document could include:

- Best practices on how to collaborate with Tribal Nations and Native communities around ITEK application to achieve mutually beneficial outcomes
- How to address Federal Government-wide challenges around ITEK, such as navigating Federal laws and interagency processes
- How to appropriately respect the knowledge holders’ rights to decline participation in efforts to collaborate.

Next steps:

- **Please let us know of any days/times you are regularly unavailable.** We will soon begin holding regular monthly meetings to solicit feedback and coordinate efforts across agencies

for development of the Federal Agency Guidance on Indigenous Knowledge.

- We will use [this Max page](#) for coordination and document sharing.
- **If you're aware of existing Federal guidance pertaining to Indigenous Knowledge, that is not already in this folder, please send it to Gretchen Goldman (OSTP) and Sommer Engels (CEQ), copied here.**
- Stay tuned for meetings starting in the coming weeks. In the meantime, please contact Gretchen Goldman and Sommer Engels with any questions, concerns, or feedback.

We are excited to work with you to elevate Indigenous Knowledge across Federal government decisionmaking!

Gretchen T. Goldman, PhD (she/her)
Asst. Director for Environmental Science, Engineering, Policy & Justice
Office of Science and Technology Policy
Executive Office of the President

Sommer H. Engels
Deputy General Counsel (detaillee)
Council on Environmental Quality
Executive Office of the President

--

Gretchen T. Goldman, PhD
(she/her)
Asst. Director for Environmental Science, Engineering, Policy & Justice
Office of Science and Technology Policy
Executive Office of the President

(b) (6)

c: (b) (6)

From: [Olga Ulturgasheva](#)
To: [Hill, Erica](#)
Cc: [Stacy Rasmus](#)
Subject: Re: [EXTERNAL] - Invitation for the project final dissemination workshop September 14-16 in Princeton
Date: Sunday, August 28, 2022 12:59:56 PM

Thanks Erica for your response!

The workshop is not going to be livestreamed but whoever is interested they can join us.

I have just worked on making sure we have our workshop website. Here it is:

<https://arcticalaskasib.com/>

Please feel free to share it with your communication folks via NSF PR.

with best wishes

Olga

From: Hill, Erica <erhill@nsf.gov>
Sent: 04 August 2022 19:51
To: Olga Ulturgasheva <olga.ulturgasheva@manchester.ac.uk>
Cc: Stacy Rasmus <smrasmus@alaska.edu>
Subject: Re: [EXTERNAL] - Invitation for the project final dissemination workshop September 14-16 in Princeton

Dear Olga and Stacy,

Thank you so much for the gracious invitation. And congratulations on the book launch!!

I'm afraid I won't be able to attend, as I'll be traveling to a conference myself that week. With your permission, though, I'd like to forward the event announcement and book launch info to our communications folks for possible dissemination via NSF PR. Is any part of the conference accessible virtually or open to the public?

Again, sending warm good wishes for a highly successful event and congrats on the book!!

Erica

Erica Hill, PhD
Program Officer, Arctic Social Sciences
National Science Foundation

Office: 703.292.4521

Arctic Research Funding Opportunities ([NSF 21-526](#)) **no deadline**

Arctic Dissertation Research Grants ([NSF 20-597](#)) **Next Deadline: December 15, 2022**

OPP-Postdoctoral Fellowships ([NSF 21-516](#)) **Next Deadline: February 6, 2023**

From: Olga Ulturgasheva <olga.ulturgasheva@manchester.ac.uk>

Date: Monday, August 1, 2022 at 12:49 PM

To: "Hill, Erica" <erhill@nsf.gov>

Cc: Stacy Rasmus <smrasmus@alaska.edu>

Subject: [EXTERNAL] - Invitation for the project final dissemination workshop September 14-16 in Princeton

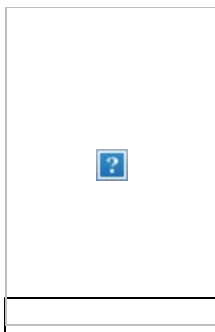
This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Erica,

Hope this message finds you well and safe!

Stacy and I would like to invite you to the final workshop on our project "Community Adaptations and Knowledge Sharing in Alaska and Siberia" generously funded by the NSF Arctic Social Science program. The workshop is scheduled for 14-16 September in Princeton at the High Meadows Environmental Institute. After two years of postponement due to Covid pandemic and other unforeseeable factors, we shall be absolutely delighted to see you on one of the workshop days. On 15th of September (5-6.30pm) we'll have a launch of the book that include our knowledge dissemination effort:

<https://www.berghahnbooks.com/title/UlturgashevaRisky>



[Risky Futures: Climate, Geopolitics and Local Realities in the Uncertain Circumpolar North | BERGHAN BOOKS](#)

Library Recommendation Form Librarian Email: Dear Librarian, I would like to recommend Risky Futures Climate, Geopolitics and Local Realities in the Uncertain Circumpolar North for the library. Please include it in your next purchasing review with my strong recommendation.

www.berghahnbooks.com

The workshop's agenda goes as follows:

“The Arctic Indigenous workshop will focus on Indigenous knowledge co-production which shall build upon a collaborative network between two Indigenous Arctic communities, Alaskan Yup’ik and Siberian Eveny funded by the US National Science Foundation grant “Community Adaptations and Knowledge Sharing in Alaska and Siberia: Utilizing Indigenous Research Methods”. The Indigenous knowledge sharing network has been developed and established in the course of the last decade under leadership of two Indigenous scholars, Dr Olga Ulturgasheva (Pathy Visiting Professor at Princeton and Associate Professor at the University of Manchester, UK) and Dr Stacy Rasmus (Research Professor and Director of the Centre for Alaska Native Health Research, UAF). The workshop will aim to extend its collaborative network to engage Native American youth, Alaskan Inupiat, Alaskan and Canadian Gwich’in community leaders in a multi-dimensional interactive process promoting symmetrical knowledge sharing and empowerment of Indigenous expertise.

In September 14-16, 2022 the workshop participants will meet at the High Meadows Environmental Institute, Princeton University in Princeton, NJ. The event will host members of Native Alaskan communities of Yup’ik, Inupiat and Gwich’in, Siberian Eveny and Canadian Gwich’in. The workshop will also involve two Native American youth who will share knowledge about Lakota and Menominee communities’ practices of environmental guardianship and sustainability. The event will engage indigenous experts in the process of conceptualization and development of key local and comparative findings with the participating communities. The workshop agenda also includes: 1) facilitation of the cross-site dialog about human and non-human capacities and strategies for adaptation and resilience; 2) conceptualisation and analysis of community adaptation strategies and human-non-human resilience patterns in the Arctic; 3) identification of potential policy implications for Indigenous communities and acceleration of the project impact; 4) consideration of future research directions to sustain and grow the collaboration to include other Native North American and Indigenous communities.”

It would be wonderful to see you in person or connect via Zoom during the workshop.

with warmest regards

Olga and Stacy

From: [Döring, Nina](#)
To: [Hill, Erica](#)
Subject: Re: [EXTERNAL] - Invitation to comment on paper and to contribute to workshop session
Date: Tuesday, November 30, 2021 5:20:54 AM
Attachments: (b) (4)

Dear Erica,

Thank you so much for your very helpful comments! I have incorporated most of them and left some for our final group discussion on the paper later today. I have attached our most up-to-date version to this e-mail.

We have offered reviewers to be listed as co-authors, and I wanted to ask you if you would like to be recognised in this way? (It is completely up to you, of course, we can also acknowledge you within the paper - all depending on your preference!)

Thank you again, we really appreciate your support!
Best wishes,
Nina

Mit freundlichen Grüßen / Kind regards

Dr. Nina Döring
Forschungsgruppenleiterin / Research Group Leader
Governance der Arktis / Arctic Governance

Institut für transformative Nachhaltigkeitsforschung /
Institute for Advanced Sustainability Studies e.V. (IASS)
Berliner Straße 130
14467 Potsdam
Germany

Am 30.11.2021 um 00:32 schrieb Hill, Erica <erhill@nsf.gov>:

Dear Nina,

Thank you again for including me in the Arctic Ethics workshop. It was very well organized, and I enjoyed hearing all the discussion.

I apologise for not getting comments back to you earlier. I have made comments on this attachment. I think it is an excellent and very much needed summary of the major issues. Congratulations on such a strong chapter. My comments are all very minor, and mostly ask for clarification on a sentence or word. I hope it is of some use and not too late.

Thank you again!

Best wishes,
Erica

Erica Hill, PhD
Program Officer, Arctic Social Sciences
National Science Foundation

Office: 703.292.4521

Arctic Post-Doc Fellowships ([NSF 22-516](#)) Next Deadline: February 7, 2022

Arctic Research Funding Opportunities ([NSF 21-526](#)) no deadline

Arctic Dissertation Research Grants ([NSF 20-597](#)) Next Deadline: December 15, 2021

From: "Döring, Nina" <Nina.Doering@iass-potsdam.de>
Date: Sunday, November 28, 2021 at 4:55 AM
To: "Hill, Erica" <erhill@nsf.gov>
Subject: Re: [EXTERNAL] - Invitation to comment on paper and to contribute to workshop session

Dear Erica,

I also wanted to follow-up on the e-mail below. Have you had a chance perhaps to take a look at the paper? We will have to submit on Tuesday and I wanted to make sure that we did not miss any comments from you? Please do not worry at all, of course, if you did not have time - we completely understand! I just wanted to ensure I did not miss any e-mails from you.

I found your comment on not setting deadlines for applications on Thursday very helpful. Would you perhaps be able to point me to a resource that I could reference in the paper on this?

Thank you again and kind wishes,
Nina

Mit freundlichen Grüßen / Kind regards

Dr. Nina Döring
Forschungsgruppenleiterin / Research Group Leader
Governance der Arktis / Arctic Governance

Institut für transformative Nachhaltigkeitsforschung /
Institute for Advanced Sustainability Studies e.V. (IASS)
Berliner Straße 130
14467 Potsdam
Germany

Am 01.11.2021 um 17:56 schrieb Hill, Erica <erhill@nsf.gov>:

Dear Nina,

Many thanks for your email! I would be thrilled to read and comment on the manuscript you are working on, and very much appreciate the work of you and others who are advancing this agenda in the Arctic community.

I am planning to "attend" the Arctic Ethics workshop, but would be happy to participate in a more active role.

Again, with thanks and kind regards,
Erica

Erica Hill, PhD
Program Officer, Arctic Social Sciences
National Science Foundation

[Post-Doctoral Fellowship Webinar on Nov 10!](#)

Office: 703.292.4521

Arctic Post-Doc Fellowships ([NSF 22-516](#)) Next Deadline: February 7, 2022

Arctic Research Funding Opportunities ([NSF 21-526](#)) no deadline

Arctic Dissertation Research Grants ([NSF 20-597](#)) Next Deadline: December 15, 2021

From: "Döring, Nina" <Nina.Doering@iass-potsdam.de>

Date: Saturday, October 30, 2021 at 2:25 PM

To: "Hill, Erica" <erhill@nsf.gov>

Subject: [EXTERNAL] - Invitation to comment on paper and to contribute to workshop session

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Erika,

I hope you are doing well!

My name is Nina, I am one of the co-organizers of the ICASS session on co-creation and funding, to which you also kindly contributed. Over the past months, we (a group of Indigenous rights holders and researchers) have been working on a paper that engages (b) (4)

. Before we submit the paper to the Environmental Research Letters special issue „Focus on Arctic Change: Transdisciplinary Research and Communication“ at the **end of November**, we are trying to organise an „Indigenous review“ process for the paper. We would also very much appreciate your insights, as we found your contributions during the discussion at ICASS highly valuable. We would therefore like to ask you, if you might be willing to take a look at the draft paper and provide us with comments from your perspective? We are very

aware, of course, that this is also a question of capacity and we would welcome **any form and extent of critical feedback**. I have copied the abstract of the paper below and would send you the draft paper, if you agree to this. Your role would of course be recognised in the paper.

Second, we are currently co-organizing a workshop on *Ethics and Methods in Arctic Transformative Research* (www.arctic-ethics.org). I am sending the programme and session description attached to this e-mail. If you are interested, we would like to kindly invite you to contribute to the session entitled 'Listen & Respond'. Given your background and expertise, we believe that your insights would be very helpful in this conversation. I would of course be more than happy to provide you with more information, if you are generally interested.

Thank you very much and kind regards,
Nina - in the name of all authors and co-organizers

(b) (4)



Mit freundlichen Grüßen / Kind regards

Dr. Nina Döring
Forschungsgruppenleiterin / Research Group Leader
Governance der Arktis / Arctic Governance

Institut für transformative Nachhaltigkeitsforschung /
Institute for Advanced Sustainability Studies e.V. (IASS)
Berliner Straße 130
14467 Potsdam
Germany

<ERL_draft for review_Erica.docx>

From: [Döring, Nina](#)
To: [Hill, Erica](#)
Subject: Re: [EXTERNAL] - Invitation to comment on paper and to contribute to workshop session
Date: Sunday, November 7, 2021 5:51:08 AM
Attachments: (b) (4)

Dear Erica,

Thank you very much for your e-mail and please apologise my late response! We are delighted that you have agreed to participate in the workshop! We think that your input would be highly valuable in the session entitled Listen&Respond (for more information, please see the workshop website: www.arctic-ethics.org). We have changed the programme slightly to do our best to account for contributors' time zones. The session Listen&Respond will be split in half and both parts will now take place on day 1 (November 25). The first part will take place from 1:30 - 2:30 pm CET (if I am not mistaken, you are six hours behind us, so this would be 7:30 - 8:30am your time. I feel a bit uncomfortable asking you to join so early and we could definitely schedule your input for later in this session?). The second part will take place two hours later. (3:35pm CET/ 9:35 GMT-5). We will send out more information about the session to all contributors early next week.

Thank you also so much for agreeing to comment on the draft paper! I am sending it attached to this e-mail. We would very grateful for any extent of critical feedback and suggestions! Thank you very much, we really appreciate it!

Please let me know if you have any further questions and I look forward to hearing from you and to seeing you online, soon!
Mit freundlichen Grüßen / Kind regards

Dr. Nina Döring
Forschungsgruppenleiterin / Research Group Leader
Governance der Arktis / Arctic Governance

Institut für transformative Nachhaltigkeitsforschung /
Institute for Advanced Sustainability Studies e.V. (IASS)
Berliner Straße 130
14467 Potsdam
Germany

Am 01.11.2021 um 17:56 schrieb Hill, Erica <erhill@nsf.gov>:

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Again, with thanks and kind regards,
Erica

Erica Hill, PhD
Program Officer, Arctic Social Sciences
National Science Foundation

[Post-Doctoral Fellowship Webinar on Nov 10!](#)

Office: 703.292.4521

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From: "Döring, Nina" <Nina.Doering@iass-potsdam.de>

Date: Saturday, October 30, 2021 at 2:25 PM

To: "Hill, Erica" <erhill@nsf.gov>

Subject: [EXTERNAL] - Invitation to comment on paper and to contribute to workshop session

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Erika,

I hope you are doing well!

My name is Nina, I am one of the co-organizers of the ICASS session on co-creation and funding, to which you also kindly contributed. Over the past months, we (a group of Indigenous rights holders and researchers) have been working on a paper that engages with the (b) (4). Before we submit the paper to the Environmental Research Letters special issue „Focus on Arctic Change: Transdisciplinary Research and Communication“ at the **end of November**, we are trying to organise an „Indigenous review“ process for the paper. We would also very much appreciate your insights, as we found your contributions during the discussion at ICASS highly valuable. We would therefore like to ask you, if you might be willing to take a look at the draft paper and provide us with comments from your perspective? We are very aware, of course, that this is also a question of capacity and we would welcome **any form and extent of critical feedback**. I have copied the abstract of the paper below and would send you the draft paper, if you agree to this. Your role would of course be recognised in the paper.

Second, we are currently co-organizing a workshop on *Ethics and Methods in Arctic Transformative Research* (www.arctic-ethics.org). I am sending the programme and session description attached to this e-mail. If you are interested, we would like to kindly invite you to contribute to the session entitled ‚Listen & Respond‘. Given your background and expertise, we believe that your insights would be very helpful in this conversation. I would of course be more than happy to provide you with more information, if you are generally interested.

Thank you very much and kind regards,
Nina - in the name of all authors and co-organizers

(b) (4)

Mit freundlichen Grüßen / Kind regards

Dr. Nina Döring
Forschungsgruppenleiterin / Research Group Leader
Governance der Arktis / Arctic Governance

Institut für transformative Nachhaltigkeitsforschung /
Institute for Advanced Sustainability Studies e.V. (IASS)
Berliner Straße 130
14467 Potsdam
Germany

From: [Victoria Herrmann](#)
To: [Hill, Erica](#)
Subject: Re: [EXTERNAL] - Invitation to DC Arctic Workshop (NSF CoPe)
Date: Wednesday, March 29, 2023 7:40:35 PM

Hi Erica,

Apologies for the confusion on my end!

If you have time and are able, it would be great for you to attend as a researcher yourself and as an observer, as you might be interested in some of the research lightning talks and outcomes. Day 1 might be the most meaningful to join in that regard.

If it is too much to come into DC, we will be recording the lightning talks and I could send these and the meeting takeaways on Arctic research cooperation! I have included a list of attendees below.

With gratitude,

Victoria

(b) (6)



On Tue, Mar 28, 2023 at 3:46 PM Hill, Erica <erhill@nsf.gov> wrote:

Hi Victoria,

Thanks for reaching out about the workshop.

I'm sorry that I'm not really clear on what you're asking—are you looking for NSF participation in a formal sense (ie., presentations about some aspect of NSF?), asking one or both of us to participate as Arctic researchers, or inviting us to observe?

I'm in Virginia, so could potentially attend one day, but would have to check my calendar. Let us know what you're after, and we can get back to you.

Do you have a list of participants?

Thanks,

Erica

Erica Hill, PhD

Program Officer, Arctic Social Sciences

Arctic Sciences Lead, OPP Post-Doctoral Fellowship Program

Office of Polar Programs, GEO

National Science Foundation

Office: 703.292.4521

Arctic Research Opportunities ([NSF 23-572](#)) Target dates: July 17 and Jan 16, 2024

Arctic Dissertation Research Grants ([NSF 20-597](#)) Next Deadline: May 15, 2023

OPP-Postdoctoral Fellowships ([NSF 22-635](#)) Next Target Date: February 5, 2024

From: Victoria Herrmann <vh159@georgetown.edu>

Date: Tuesday, March 28, 2023 at 3:11 PM

To: "Hill, Erica" <erhill@nsf.gov>, "Frink, Liam" <lfrink@nsf.gov>

Subject: [EXTERNAL] - Invitation to DC Arctic Workshop (NSF CoPe)

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Dear Erica and Liam,

I hope this email finds you well and enjoying a beautiful spring!

By way of introduction, my name is [Victoria Herrmann](#) and I am an Assistant Research Professor at Georgetown University and the PI of an NSF CoPe RCN called [Migration in Harmony](#). (Award details here: https://www.nsf.gov/awardsearch/showAward?AWD_ID=1940193&HistoricalAwards=false).

After some delay from Covid, we are hosting our first in-person meeting April 17, 18, and 19 at Georgetown University. I am unsure if you are based in DC, but if so I wanted to extend an invitation to attend!

I have attached a schedule of the meeting. The goal of this meeting is to bring 25-30 Arctic academics, practitioners, and storytellers to share their current work, identify challenges to and opportunities for cross-border and cross-disciplinary collaborations, and consider future opportunities to create new projects, present at Arctic conferences, and create media with other meeting attendees.

If you are available and interested, do let me know and I will send further details on the logistics.

With gratitude,

Victoria

--

Victoria Herrmann PhD

Assistant Research Professor

School of Foreign Service | Georgetown University

Phone: +1-202.350.1384 | Cell: +1 201.247.9352

From: Hill, Erica
Subject: Re: [EXTERNAL] - (b) (4)
Date: Wednesday, May 3, 2023 9:38:26 AM
Attachments: (b) (4)

Dear (b) (6),

As we explained at our meeting, the Arctic Social Science Program (ASSP) is still awaiting a third and final review of your project. You can generally expect the NSF review process to take up to six months. I realize that we are nearing the end of this time frame, but you submitted a large and complex project, and getting through the review process takes time. We have kept you updated on the status of your project, and we met with you before receipt of this final review as a courtesy to explain in greater detail what our program is looking for and because you approached us with a new project that appeared to have some of the same issues we see in the project currently under review. As we emphasized at our meeting, we are seeking projects that are driven by clear research questions, with the potential to advance science generally.

Going forward:

(b) (4)



With regard to timeline, as I indicated above, NSF attempts to get the vast majority of proposals reviewed within six months; in a project as large and complex as yours, this is the timeline you should anticipate. However, in cases where reviewers are not responsive or when personal issues arise, the review process can take longer.

Erica Hill, PhD
Program Officer, Arctic Social Sciences
Arctic Sciences Lead, OPP Post-Doctoral Fellowship Program
Office of Polar Programs, GEO
National Science Foundation

Office: 703.292.4521

Arctic Research Opportunities ([NSF 23-572](#)) Target dates: July 17 and Jan 16, 2024

Arctic Dissertation Research Grants ([NSF 20-597](#)) Next Deadline: May 15, 2023

OPP-Postdoctoral Fellowships ([NSF 22-635](#)) Next Target Date: February 5, 2024

From: (b) (6)

Date: Tuesday, May 2, 2023 at 5:54 PM

To: Colleen Strawhacker <colstraw@nsf.gov>, "Frink, Liam" <lfrink@nsf.gov>, Gregory Anderson <greander@nsf.gov>, "Hill, Erica" <erhill@nsf.gov>, "Kelly M. BRUNT" <kbrunt@nsf.gov>

Cc: (b) (6)

Subject: [EXTERNAL] - (b) (4)

This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

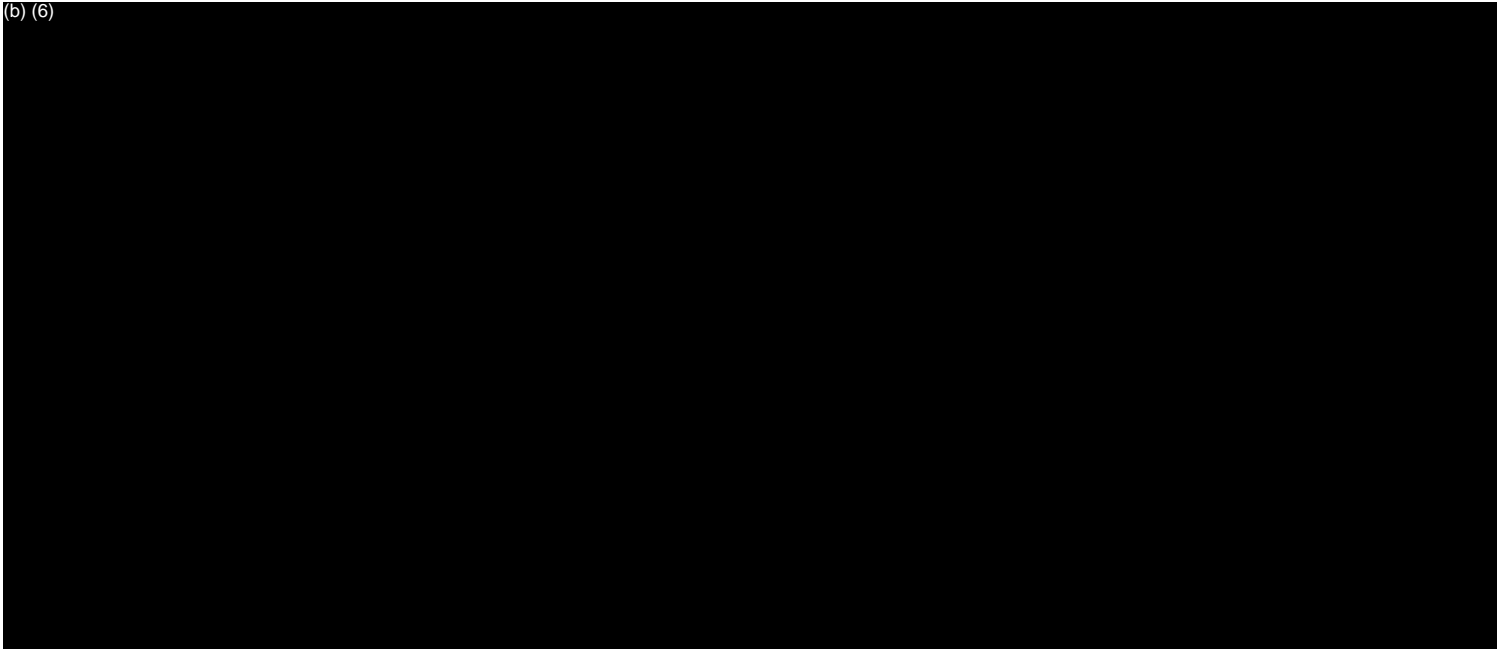
Hello NSF Arctic Social Science and Arctic Systems Science Program Directors,

(b) (4)

In light of what we learned, we have a few questions (b) (4)

(b) (4)

(b) (6)



From: [Brunt, Kelly M.](#)
To: [Hill, Erica](#)
Subject: Re: [EXTERNAL] - (b) (4)
Date: Wednesday, May 3, 2023 10:18:11 AM
Attachments: (b) (4)

Best email all day!!

Dr Kelly M Brunt
Program Director
NSF Office of Polar Programs
Arctic Sciences & Antarctic Sciences
+1 720.280.3797

On May 3, 2023, at 09:39, Hill, Erica <erhill@nsf.gov> wrote:

I'll be responding to (b) (6), and will cc you all.

Erica Hill, PhD
Program Officer, Arctic Social Sciences
Arctic Sciences Lead, OPP Post-Doctoral Fellowship Program
Office of Polar Programs, GEO
National Science Foundation

Office: 703.292.4521

Arctic Research Opportunities ([NSF 23-572](#)) Target dates: July 17 and Jan 16, 2024

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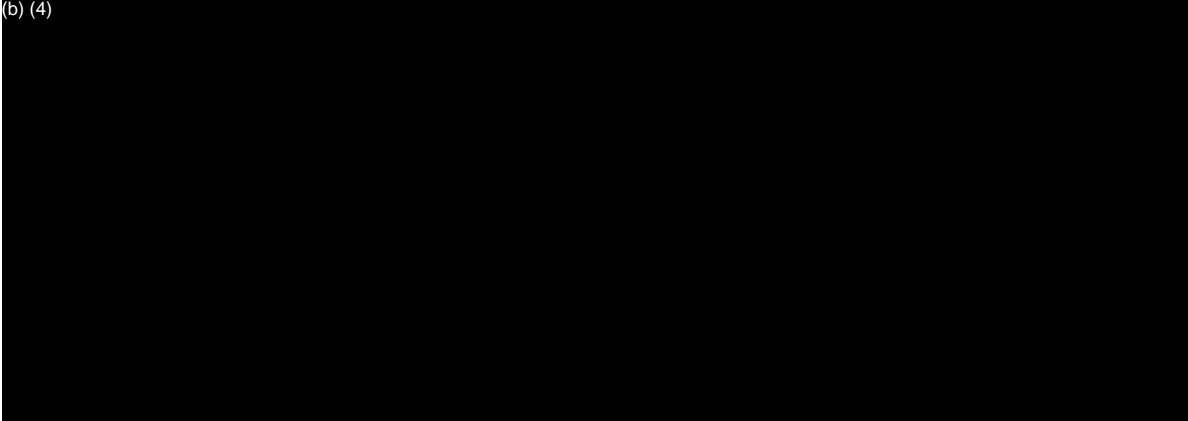
OPP-Postdoctoral Fellowships ([NSF 22-635](#)) Next Target Date: February 5, 2024

From: (b) (6)
Date: Tuesday, May 2, 2023 at 5:54 PM
To: Colleen Strawhacker <colstraw@nsf.gov>, "Frink, Liam" <lfrink@nsf.gov>, Gregory Anderson <greander@nsf.gov>, "Hill, Erica" <erhill@nsf.gov>, "Kelly M. BRUNT" <kbrunt@nsf.gov>
Cc: (b) (6)
Subject: [EXTERNAL] - (b) (4)

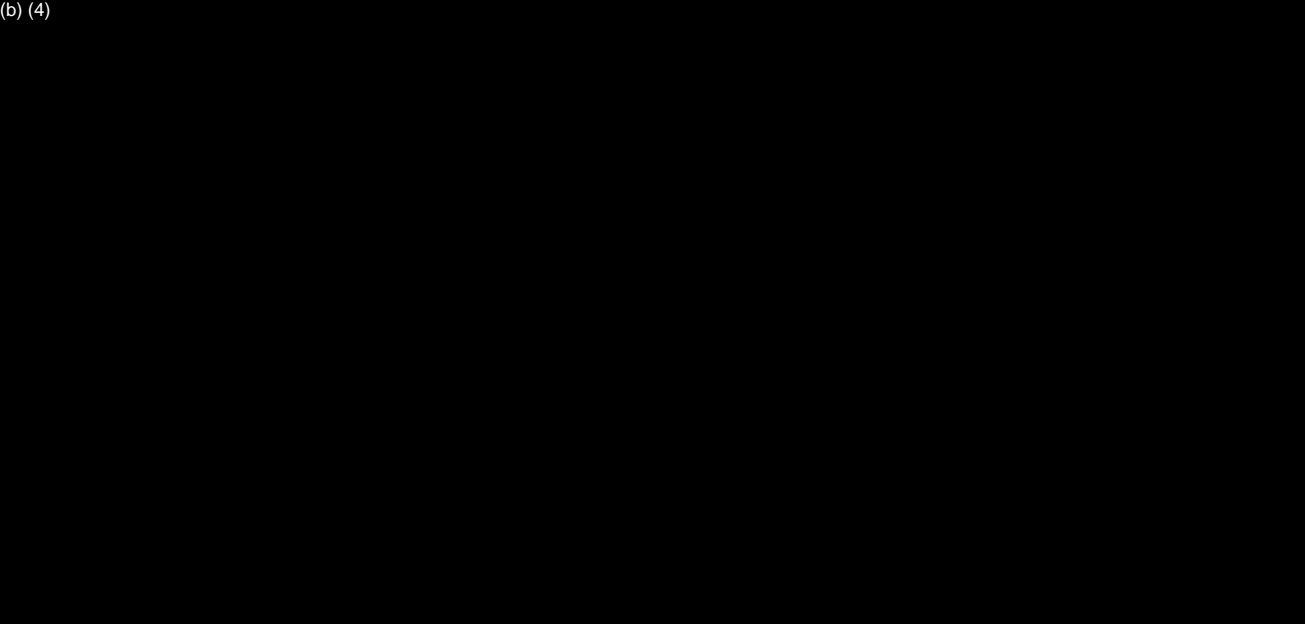
This email originated from outside of the National Science Foundation. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hello NSF Arctic Social Science and Arctic Systems Science Program Directors,

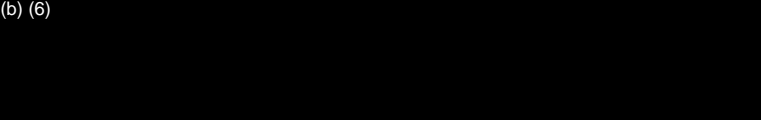
(b) (4)

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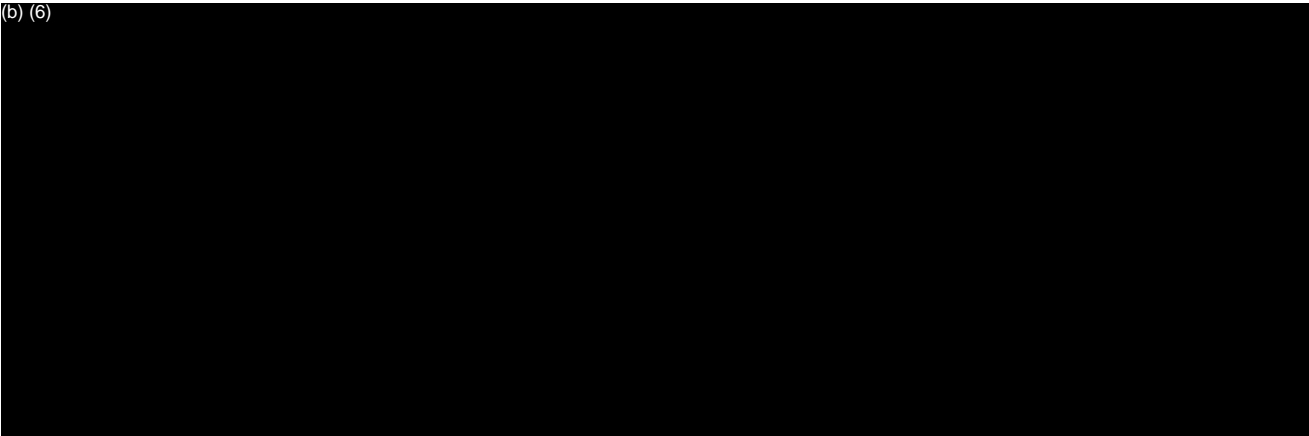
(b) (4)

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(b) (6)

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(b) (6)

