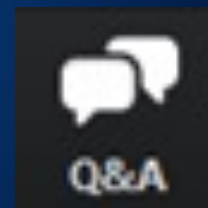


Welcome to NSF Tribal Nation Town Hall!

- Attendees will be in listen-only mode during the webinar.
- Real-time captions will stream on the lower portion of your screen. Remote sign language interpreting will be provided by Alissa Enders and Amber Thomas.
- Submit questions using the Zoom Q&A icon in Zoom
- Submit written comments after the meeting to tribal.engagement@nsf.gov
- For Zoom Support, call +1-833-966-6468 (+1-833-Zoom-Gov) or email support@zoom.us.



NSF Director's Town Hall with Tribal Nations

The meeting
will begin in
a few minutes



April 6, 2021
9:00am AK/1:00pm EDT



1. How NSF can better identify and address concerns of American Indian and Alaska Native Tribal Nations (“Tribal Nations”) relating to NSF’s support for science and engineering research and STEM education.
2. Are there barriers to accessing NSF programs and, if so, how can NSF best reduce or eliminate those barriers?
3. How would Tribal Nations prefer NSF to consult with them? What steps can NSF take to improve this consultation effort?

NSF Director's Town Hall with Tribal Nations

AGENDA



April 6, 2021
9:00-10:30 am AK/
1:00-2:30pm EDT

Opening Prayer

- Dr. David Yarlott, Jr., President of the Little Big Horn College

Opening remarks by Director of the National Science Foundation

- Dr. Sethuraman Panchanathan

National Science Foundation panel

- Dr. Jody Chase, Tribal Colleges and Universities Program
- Ms. Renee Crain, Arctic Research Activities
- Dr. Shobhana Chelliah, Endangered Languages and Linguistics
- Ms. Kristen Hamilton, Environmental Reviews

Statements from Tribal Nation Leaders

Question and Answer period (time permitting)

Closing remarks by Director of NSF

- Dr. Sethuraman Panchanathan

Closing Prayer

- Dr. David Yarlott, Jr., President of the Little Big Horn College

NSF Director's Town Hall with Tribal Nations



April 6, 2021
9:00am AK/1:00pm EDT

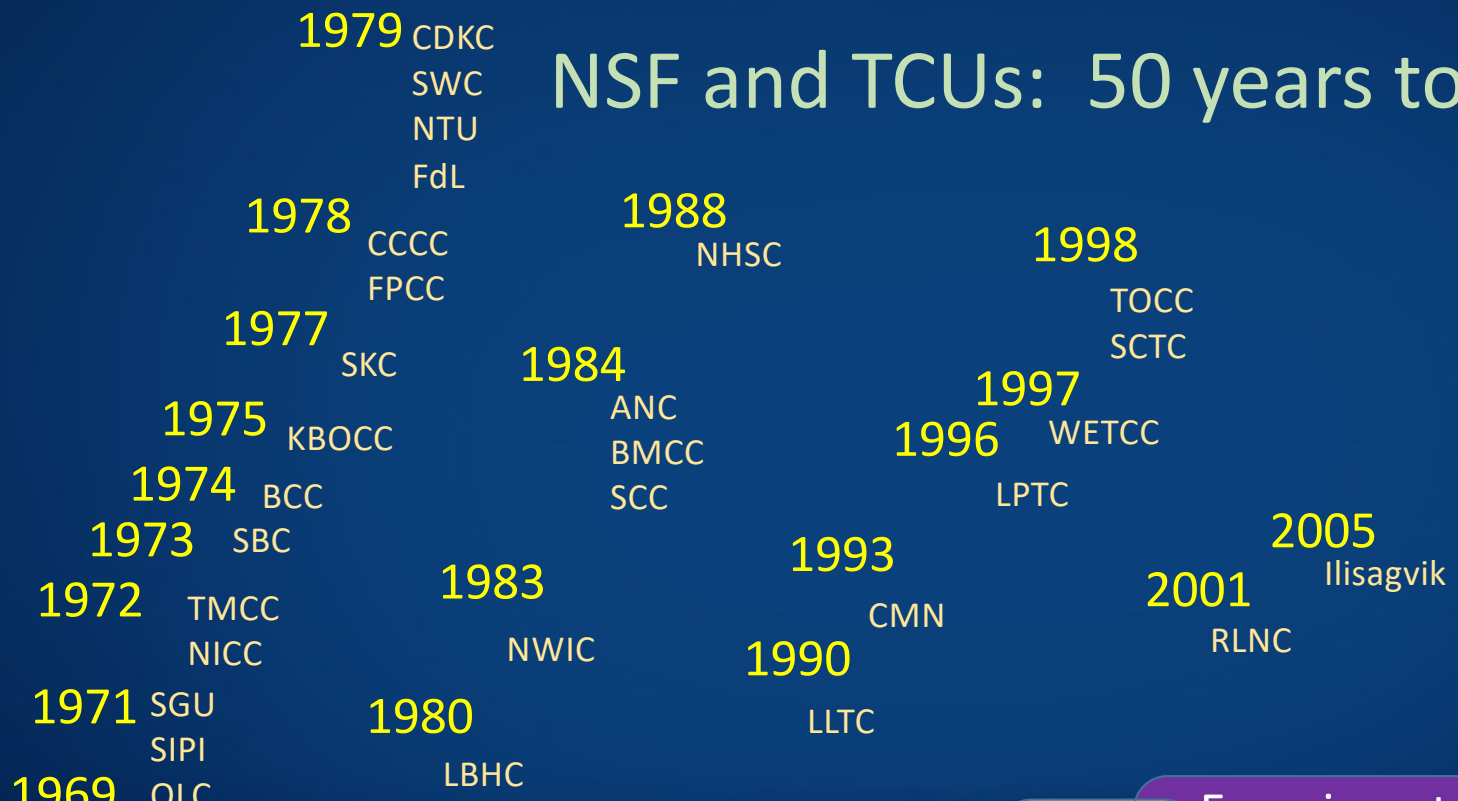
National Science Foundation Panel

- Jody Chase, Tribal Colleges and Universities Program
- Renee Crain, Arctic Research Activities
- Shobhana Chelliah, Endangered Languages and Linguistics
- Kristen Hamilton, Environmental Reviews

NSF Director's Town Hall with Tribal Nations



NSF and TCUs: 50 years together



Minority Institutions Science Improvement Program (MISIP)

NSFNET
Rural Systemic Initiatives (RSI)

Experimental Program to Stimulate Tribal Colleges and Universities Program



1970 1980 1990 2000 2010 2020

TCUP

AS STEM

BS STEM

MS STEM

Research

BS STEM Ed

Design

Infrastructure

AS Eng

BS Eng

Graduate
Research
Fellowships

Local, State,
and Tribal STEM
Employment

Entrepreneurship



Building capacity
The TCU Enterprise ~~prize~~ Advancement Centers
building *on* capacity

Advanced Digital Manufacturing (NTU)

Food Sovereignty and Clean Salish Sea (NWIC)

Water Research (ANC)

Food, Energy, and Water Research (UTTC)

Indigenous Research (SKC)

Environmental Research (CDKC)

Full Circle Engineering (NHSC)



Arctic Research Activities

Interagency Arctic Research Policy Committee (IARPC)

[Principles for Conducting Research in the Arctic](#)

[5-Year Arctic Research Plan 2022-2026](#)

[IARPC Collaborations](#)

Increasing Collaborations and Supporting
Use-Inspired Research to Benefit
Arctic Communities

[Dear Colleague Letter](#): Potential Support for Community Hubs for Collaborations
Between NSF-funded Arctic Researchers and Arctic Residents

[Navigating the New Arctic](#)



Photo by Lars Poort, JSEP Project



Arctic Research Activities

Interagency Arctic Research Policy Committee (IARPC)

Principles for Conducting Research in the Arctic

- Be **Accountable**
- Establish Effective **Communication**
- **Respect** Indigenous Knowledge and Cultures
- Build and Sustain **Relationships**
- Pursue Responsible **Environmental Stewardship**



Interagency Arctic Research Policy Committee (IARPC)

Draft 5-Year Arctic Research Plan

Available for comment until
June 11, 2021

[5-Year Arctic Research Plan 2022-
2026](#)



Priority Areas

- Community Resilience & Health
- Arctic Systems Interactions
- Sustainable Economies & Livelihoods
- Risk Management & Hazard Mitigation

Foundational Activities

- Co-Production of Knowledge & Indigenous-Led Research
- Data Management
- Education
- Monitoring, Observing, Modeling & Predicting
- Technology, Innovation & Application

Arctic Research Activities

Increasing Collaborations and Supporting Use-Inspired Research to Benefit Arctic Communities

Dear Colleague Letter

NSF 20-112

Dear Colleague Letter: Potential Support for Community Hubs for Collaborations Between NSF-funded Arctic Researchers and Arctic Residents

August 3, 2020

Dear Colleagues:

Through this Dear Colleague Letter (DCL), the National Science Foundation's (NSF) [Arctic Sciences Section \(ARC\)](#) in the Office of Polar Programs is encouraging submissions of proposals for projects that will enrich interactions and improve collaboration between Arctic residents and NSF-funded researchers. Proposals in response to this Dear Colleague Letter should be directed to the Arctic Research Opportunities solicitation ([NSF 16-595](#)) and must follow the guidelines in the solicitation and the NSF Proposal and Award Policies and Procedures Guide ([PAPPG](#)).

Through increasing investment in Arctic research in recent years, NSF has created greater opportunities for researchers to work in the Arctic, to build strong partnerships with Arctic residents, and to create projects in collaboration with northern communities. Through this DCL, the Arctic Sciences Section wishes to support the development of additional research capacity of Arctic residents and local and regional organizations to strengthen communication and to enhance partnerships with the academic community that NSF typically supports.

PROPOSAL PREPARATION AND SUBMISSION INSTRUCTIONS



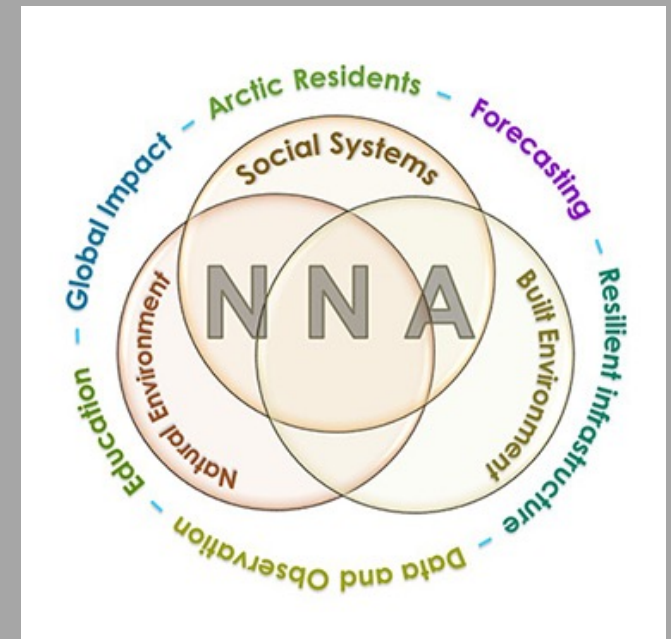
Arctic Research Activities

Increasing Collaborations and Supporting Use-Inspired Research to Benefit Arctic Communities

Navigating the New Arctic

- Improve what is known about changes in the Arctic environment and the local and global effects.
- Support a diverse research community to conduct use-inspired research where the natural and built environments and social systems intersect.
- Inform policy and economic developments that support resilient, sustainable Arctic communities.

NNA Community Office



Arctic Research Activities

Interagency Arctic Research Policy Committee (IARPC)

[Principles for Conducting Research in the Arctic](#)

[5-Year Arctic Research Plan 2022-2026](#)

[IARPC Collaborations](#)

Increasing Collaborations and Supporting
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[Navigating the New Arctic](#)



Photo by Lars Poort, JSEP Project



NSF Dynamic Language Infrastructure NEH Documenting Endangered Languages (DLI-DEL)

Shobhana Chelliah, (Expert, DEL PO 2012-2015)

NSF Town Hall with Tribal Nations

April 6, 2021, 1:00 – 2:30 PM



NATIONAL
ENDOWMENT
FOR THE
HUMANITIES

Products of Language Documentation

Dictionaries

Grammars

Stories, conversations,
website, archives



Port Angeles High School Klallam...
ourkidswa.com

Klallam Dictionary

TIMOTHY MONTLER

Klallam Grammar

TIMOTHY MONTLER



[Classified Wordlist](#)

[Useful Phrases](#)

[Two Deaf Fishermen](#)

[The Flood](#)

[Videos](#)

[Klallam Tongue
Twisters](#)

[Klallam Word of](#)

ḡəstnát, čərimáʔəxʷ 1, 2021

The **Klallam language** (nəxʷsʰəyámícan) has since time immemorial been spoken on the north shore of Washington's Olympic Peninsula from the Strait of Juan de Fuca inland into the mountains. It is also native to some other nearby areas such as Becher Bay on the south of Vancouver Island and on some nearby smaller islands. Klallam is one language in a large family of Native American languages called **Salishan** or **Salish languages** spoken in what is now Washington, British Columbia, Oregon, Idaho, and Montana.

Klallam is closely related to the dialects called Northern Straits: **Saanich**, Lummi, Samish, Songish, and Sooke. These dialects are native to parts of southern Vancouver Island, the neighboring smaller islands of the Haro and Rosario Straits, and around Lummi Bay in Washington. Although Klallam and the Northern Straits dialects form two distinct, non-mutually intelligible languages, most of the words in Klallam are the same or very similar to words in the Northern Straits dialects. A speaker of Lummi, for example, could learn Klallam very easily, and vice versa. The Klallam language, itself, has several dialects. **Elwha** Klallam, **Becher Bay** Klallam, **Jamestown** Klallam, and **Little Boston** (Port Gamble) Klallam are all very slightly different from one another in pronunciation and the usage of some words.



Coeur d'Alene Online Language Resource Center (COLRC)



COLRC Team receiving the 2019 SSILA Ken Hale Prize. Photo credit Mizuki Myashita.

Seen in the photograph: Amy Fountain (linguist University of Arizona) and to her left is Audra Vincent Director Coeur d'Alene Language Programs. To Audra's left is Michelle Clark (Coeur d'Alene Language Programs), to Amy's left is Cheffrey Sailto (Coeur d'Alene Language Programs), back row (left to right) John Ivens (software engineer University of Arizona), Shannon Bischoff (Purdue University Fort Wayne), and John Lyons (Simon Fraser University).



1160669, Jocelyn Ahlers, **Kawaiisu Language and Cultural Center**, Kawaiisu Conversations and Landscapes: Digital Documentation, Access, and Archiving

1263698, Joshua Hinton, **The Chickasaw Nation**, Collaborative Research: Documentation and Analysis of the Chickasaw Verb (collaborative with Colleen Fitzgerald)

1500605, Susan Gehr, **Karuk Tribe**, Karuk Archives and Accessibility Project

1561167, Daryl Baldwin, **Miami University (Member, Miami Nation)**, The 2017 National Breath of Life Archival Institute for Indigenous Languages

1664510, Mary Hermes, **Grassroots Indigenous Multimedia**, Understanding Learning Mechanisms and Language Acquisition through Intergenerational Conversations in Southwestern Ojibwe, a Native American language

1664520 , Patricia Whereat-Phillips, , **Confederated Tribes of Coos, Lower Umpqua & Siuslaw Indians**, Using Contemporary and Historical Resources to Document Three Indigenous Languages of Oregon: Hanis, Milluk and Siuslaw

1761613 , Carrie Cannon, , **Hualapai Indian Tribe**, Building Capacity in Documentation of Language and Traditional Ecological Knowledge for Hualapai, a Native American Language, and Other Pai Languages

1953242, James Rementer , **The Delaware Tribe** , A database for an understudied language: A dictionary, grammar, and texts with sound



Tribal Nation engagement during environmental compliance reviews

- In support of NSF's mission, we conduct environmental reviews prior to making funding decisions.
 - Section 106 of the National Historic Preservation Act
 - National Environmental Policy Act
- This involves screening of proposals for potential Tribal Nation connections and interests.
- We welcome input on how NSF can better understand and effectively identify when research proposals impact Tribal interests.
- We look forward to learning about new ways we can engage with Tribal Nations, both during our environmental review process and during government-to-government consultation.

