







IMMERSE YOURSELF IN DISTINCTLY NORTHERN CULTURE

Part Summit, part Festival, North by North brings the best of innovation and resilience expertise and combines it with an amazing social and cultural program. The Anchorage Museum and Institute of the North host the 2nd inaugural event April 26-29 with presenters and participants from across Alaska, the U.S. and the Arctic gathering to collaborate and celebrate the North.

The second-annual North x North (NxN) Summit and Festival is organized by Northerners with a collective vision of sustainability, livability and well-being and creativity for the North.

NxN captures the spirit of Alaska and the Arctic by meeting local and circumpolar challenges and opportunities with Northern innovation and resilience. It offers participants the opportunity to build upon a rich history while envisioning a promising future. Innovators gather to collaborate and celebrate the North through knowledge, design, film, music, food, literature, art, governance and business.

"The confluence of challenge and ingenuity results in opportunity for Alaskans. The north isn't a region lacking talent or expertise; increasingly we are seeing these mobilized to address global issues. North by North helps to facilitate this broader awareness and cultivate an environment of creativity and business development," according to Nils Andreassen, Executive Director of the Institute of the North, which co-hosts NxN.

Come curious. Leave inspired.

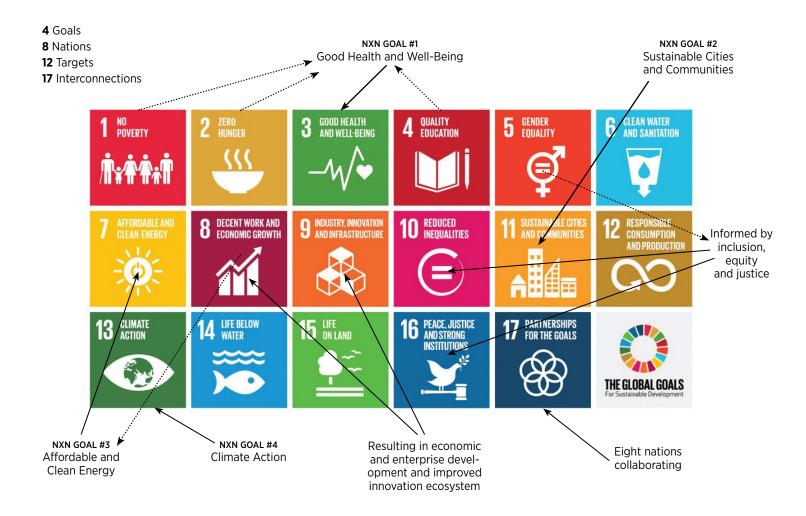
Many NxN discussions focus on 17 Sustainable Development Goals set by the United Nations. They cover a broad range of social and economic development issues, including poverty, hunger, health, education, climate change, gender equality, water, sanitation, energy, environment and social justice.

"Through compelling conversations and inspired thinkers, we look for ways to Alaskan-ize, indigenize, and otherwise adapt these goals to Northern and Arctic places, people and environments," says Julie Decker, Anchorage Museum director and CEO, and co-host of NxN.

Innovation Teams

North by North is framed around a discussion of the Sustainable Development Goals, 17 targets developed and agreed to globally. We have chosen four to focus on and developed two challenges that teams of innovators from across the Arctic will share solutions to, co-develop answers and produce business plans for, which justify governmental, community and private action and investment.

Teams will be meeting Thursday for sharing and ideation, and then throughout NxN to research and further explore innovative solutions that address northern challenges. On Sunday, join the closing plenary session as teams present their proposal to a panel of partners. The Innovation Team process is facilitated by Motivf.



Sustainable Cities and Communities

Make cities inclusive, safe, resilient and sustainable.

 Decrease the cost of energy-efficient residential construction in remote regions.

Partner: U.S. Department of Housing and Urban Development

- · Saara Suurla, Sweco, Finland
- William Gagnon, Ecology North, Canada
- Scott Waterman, Alaska Housing Finance Corporation
- · Andrew Unsworth, Agron-LED, Scotland
- Klaus Mayer, Snowhaus, Alaska/Denmark
- 2. Increase local food production in northern communities.

Partners: Alaska Food Policy Council & Municipality of Anchorage

- Robert Bensin, Bering Strait Development Corporation, Alaska
- Jan Gerlings, Agron-LED, Scotland
- Sue Aikens, Kavik River Camp, Alaska
- Jörgen Andersson, Nordic Savory Hub, Sweden

Affordable and Clean Energy

Ensure access to affordable, reliable, sustainable and modern energy for all.

Increase the efficiency of community utility or microgrid operations.

Partners: U.S. Department of Energy & Alaska Energy Authority

- Ingemar Mathiasson, Northwest Arctic Borough, Alaska
- Ben Loeffler, Fairbanks North Star Borough, Alaska
- Alan Fetters, Alaska Energy Authority
- Peter Webley, University of Alaska Fairbanks
- 2. Increase the deployment of existing or emerging renewable energy technology.

Partner: Alaska Energy Authority

- Gail Mosey, National Renewable Energy Laboratory, U.S.
- Krish Sankaran, Radical Innovations Group, Finland
- · Jessie Huff, USDA-RD
- Cady Lister, Alaska Energy Authority
- Shaina Kilcoyne, Renewable Energy Alaska Project;
 Sustainable Southeast Partnership

Good Health and Well-Being

Ensure healthy lives and promote well-being for all at all ages.

 Increase access to data linkages between emergent ecological, animal, and human threats.

Partner: Center for Disease Control

- · Pavel Cheshev, Business Finland, Russia
- Karsten Hueffer, University of Alaska Fairbanks
- · Zach Stevenson, U.S. Fish and Wildlife Service
- 2. Increase culturally appropriate responses to mental/social pathologies in the Arctic.

Partner: University of Alaska Fairbanks

- · Karina Moeller, Greenland
- · Marika Morris, Carleton University, Canada
- Mary Ehrlander, University of Alaska Fairbanks
- Arleigh Reynolds, University of Alaska Fairbanks
- Esther Combs, Remote Communities Committee, Alaska
- Janelle Hardy, Canada

Climate Action

Take urgent action to combat climate change and its impacts.

1. Identify appropriate carbon capture and storage technology, and/or industry efficiency measures for northern operations.

Partner: Municipality of Anchorage

- Nic Craig, University of Copenhagen
- Mark Spafford, Solid Waste Services, Alaska
- Nathan Morrison, Sustainable Now Technologies, U.S.
- For environmentally threatened communities, develop effective and accessible risk assessment tools that include data access and visualization, and potential response mobilization.

Partner: **Denali Commission**

- Max Neale, Alaska Native Tribal Health Consortium
- Amber Hill, NOAA/NWS, Alaska
- Erin Trochim, University of Alaska Fairbanks
- Ronni Wilcock, Two Bears Environmental Consulting, Alaska



Welcome to the second-annual North x North Summit and Festival. NxN captures the spirit of Alaska and the Arctic – to address our challenges and opportunities with Northern innovation and resilience, to build on our rich history and to ensure a future full of promise. NxN is for the North, and organized by Northerners, with goals of sustainability, livability and well-being. Innovators from across Alaska, the nation and other Arctic regions gather to collaborate and address local and circumpolar challenges. Through knowledge, governance, business, design, film, music, food, literature and art, we celebrate the North.

Pre-Festival Programs

- April 25, 2018 Resilience Summit, organized and hosted by Alaska Pacific University, Alaska Native Tribal Health Consortium, Municipality of Anchorage, The Nature Conservancy, Alaska Center, and Anchorage Museum. Held at APU.
- April 26, 2018 Anchorage Arctic Research Day, organized by the Arctic Research Consortium of the United States, the University of Alaska Anchorage, the Anchorage Museum and the Institute of the North. Held at the Anchorage Museum.



North by North Schedule of Events

All events are at the Anchorage Museum, with registration required unless otherwise indicated. Note: Program and locations subject to change. Refer to venue signage for updated information, or visit: https://nxnfestival.com

Thursday, April 26, 2018

5:00 p.m., Auditorium

Anchorage Arctic Research Summary and Keynote Dialogue

Open to NxN registrants, Anchorage Arctic Research Day participants, and the public (with admission)

Moderated by Cheryl Rosa, U.S. Arctic Research Commission

- Julie Decker, Anchorage Museum, Alaska
- Liza Mack, Aleut International Association, Alaska/Russia
- Cathy Coon, Bureau of Ocean Energy Management, U.S.
- Mara Kimmel, Anchorage Museum, Alaska
- Chris Rose, Renewable Energy Alaska Project

6:00 p.m., Atrium

North x North Opening Reception

Open to NxN registrants, AARD attendees and the public (with admission)

A great way to get to know NxN speakers while enjoying music, food and a cash bar

Opening Comments

Julie Decker, Anchorage Museum

Keynote

Matthew Jull, University of Virginia, Arctic Design Group

Art of the North Gallery and Alaska Exhibition Tours

Meet at gallery/exhibition entrances

7:00 p.m., Atrium

Performance by Suð, Iceland

7:30 p.m.. Auditorium

Film: The Other Side of Hope 1hr 30 min

Directed by by Aki Kaurismäki, Finland

Open to North x North registrants, CAFF passholders, and public (with admission)

Friday, April 27, 2018

Registration: 8:30 a.m. to 6:00 p.m. in the Museum lobby

9:00 a.m., Auditorium

Welcome and Introduction to North by North

Open to North x North registrants only

- An Arctic Approach to Sustainable Development
 - Nils Andreassen, Institute of the North, Alaska
- Design, Culture and Resilience
 - Julie Decker, Anchorage Museum, Alaska
- Pathways from Innovation Ideation to Entrepreneurial Activities
 - Ky Holland, Alyeska Venture Management, Alaska

9:30 a.m., Auditorium

Keynote - Many Norths

Open to North x North registrants only

Mason White, Lateral Office, Canada

10:00 a.m., Atrium

Networking Break: Ocean Pitch

· Jake Carpenter, Wheel House, Alaska

10:00 a.m.. Auditorium

Cool Talks: Climate Action

Open to North x North registrants only

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- Moderated by Mara Kimmel, Anchorage Museum, Alaska
- Nic Craig, Polar Research & Policy, University of Copenhagen, Denmark
- William Gagnon, Ecology North, Canada
- Max Neale. Alaska Native Tribal Health Consortium
- Erin Trochim, University of Alaska Fairbanks
- Nathan Morrison, Sustainable Now Technologies, U.S.
- Will Koeppen, Axiom Data Science, Alaska

10:00 a.m., ConocoPhillips Gallery

Cool Talks: Good Health & Well Being

Open to North x North registrants only

Moderated by Pavel Cheshev, Business Finland, Finland/Russia

- Marika Morris, Carleton University, Canada
- Rhonda Johnson, University of Alaska Anchorage
- Mary Ehrlander, University of Alaska Fairbanks
- Arleigh Reynolds, University of Alaska Fairbanks
- Leanna Mack, North Slope Borough
- Zach Stevenson, U.S. Fish and Wildlife Service

10:00 a.m., East Gallery

Warm Conversations: Indigenizing Methodologies

Open to North x North registrants only

Margaret Kovach, University of Saskatchewan, Canada

10:30 a.m., East Gallery

Cool Talks: Women in the Blue Economy

Open to North x North registrants only

Moderated by **Rachael Miller**, Alaska Pacific University, on behalf of the Alaska Ocean Cluster Initiative

- Nicole Kimball, Pacific Seafood Processors Association, Alaska
- Theresa Peterson, Alaska Marine Conservation Council
- Adrianne Christensen, Native Village of Port Heiden, Alaska
- Laura Delgado, Aleutian Pribilof Island Community Development Association, Alaska
- Nicole Baker, Net Your Problem, Alaska

INTERMISSION

11:00 a.m., Auditorium

Cool Talks: Sustainable Communities

Open North x North registrants only

Moderated by Saara Suurla, Sweco Finland

- Scott Waterman, Alaska Housing Finance Corporation
- Danny Consenstein, Alaska Food Policy Council
- Zoi Maroudas, Bambinos Baby Food, Alaska
- Jörgen Andersson, Nordic Savory Hub, Sweden
- Judy Chapman, Northern Planning, DOT&PF, Alaska
- Klaus Mayer, Snowhaus, Alaska

11:00 a.m., ConocoPhillips Gallery

Cool Talks: Affordable & Clean Energy

Open to North x North registrants only

Moderated by Givey Kochanowski,

U.S. DOE - Office of Indian Energy

- Krish Sankaran, Radical Innovations Group, Finland
- Ingemar Mathiasson, Northwest Arctic Borough, Alaska
- Peter Green, Science and Technology, NREL
- Cady Lister, Alaska Energy Authority
- · Frances Ball, Launch Alaska
- Stephen Trimble, Arctic Solar Ventures

12:00 p.m., Atrium

Lunch and Networking

Open to NxN registrants only

12:00 p.m. on Atrium screens, looped

Short Film - Three Thousand 14 min

Directed by Asinnajag, Canada, 2017

Open to North x North registrants, CAFF passholders, and public (with admission)

12:00 p.m. on the 3rd floor

Unsettled Exhibition Tour,

Led by JoAnne Northrup, Curator, Nevada Museum of Art

Open to NxN registrations and public (with museum admission)

12:00 p.m., ConocoPhillips Gallery

Film - Between Earth and Sky 1hr 25 min

Directed by Paul Hunton, USA

Open to North X North registrants, CAFF passholders, and public (with admission)

12:50 p.m., Atrium

State Department and Public Diplomacy

Open to North x North registrants only

- Virginia Blakeman, Bureau of International Information Programs, U.S. State Department
- Irina Karmanova, Bureau of Public Affairs, U.S. State Department



1:00 p.m., East Gallery

Warm Conversations: Sustainable Cities and Communities – Northern, Local Food Production

Innovation Teams co-develop solutions in "fishbowl" – discussion and brainstorming in public setting with opportunity for additional NxN contribution at table

Participation by North x North registrants only; public observation (with museum admission)

Moderated by **Brian Holst**, Juneau Economic Development Corporation, Alaska

- **Liz Hodges Snyder**, University of Alaska Anchorage; Anchorage Museum Fellow in Residence
- Daniel Perpich, Vertical Harvest, Alaska
- Jörgen Andersson, Nordic Savory Hub, Sweden
- Cayley Eller, Alaska Pacific University
- Jan Gerling, Agron Ltd., Scotland
- · Robert Bensin, Bering Straits Development Company, Alaska

1:00 p.m., Art of the North Gallery

Warm Conversations: Affordable and Clean Energy – Deploying Renewable Energy Technology

Innovation Teams co-develop solutions in "fishbowl" – discussion and brainstorming in public setting with opportunity for additional NxN contribution at table

Participation by North x North registrants only; public observation (with museum admission)

Moderated by Greg Poelzer, University of Saskatchewan, Canada

- Gail Mosey, National Renewable Energy Laboratory, U.S.
- Krish Sankaran, Radical Innovations Group, Finland
- Stephanie Zimmerling, Office of Energy R&D, Natural Resources Canada
- Shaina Kilcoyne, Renewable Energy Alaska Project;
 Sustainable Southeast Partnership
- Ben Loeffler, Fairbanks North Star Borough and Alaska Center for Energy and Power

1:00 p.m., Auditorium

Cool Talks: Design & Equity - Welcoming & Northern Places

North x North registrants only

Moderated by Jonny Hayes, Anchorage Museum, Alaska

- Jeremie McGowan, Northern Norway Art Museum
- · Andreas Hoffmann, Arctic Culture Lab, Norway
- Mason White, Lateral Office, Canada
- · Graham Hogg, Lateral North, Scotland
- Julie Decker, Anchorage Museum, Alaska
- Kamu Kakizaki, Anchorage Museum, Alaska

2:00 p.m., ConocoPhillips Gallery

Film - Keep Talking 1 hr 20 min

Directed by Karen Weinberg, USA

Open to North x North registrants, CAFF passholders, and public (with admission)

2:30 p.m., Atrium

Networking Break: Food Pitch

Zoi Maradous, Bambinos Baby Food

3:00 p.m., Atrium

Warm Conversations: Good Health and Well-Being - Human-Environmental Resilience

Innovation Teams co-develop solutions in "fishbowl" – discussion and brainstorming in public setting with opportunity for additional NxN contribution at table

Participation by North x North registrants only; public observation (with museum admission)

Moderated by **Mike Brubaker**, Alaska Native Tribal Health Consortium

- Karsten Hueffer, University of Alaska Fairbanks
- Zach Stevenson, U.S. Fish and Wildlife Service
- · Elizabeth Bella, AECOM, Alaska
- Micah Hahn, Institute for Circumpolar Health Studies, UAA, Alaska
- Davin Holen, Alaska Sea Grant
- Leanna Heffner, Northwest Boreal Landscape Conservation Cooperative, Alaska

3:00 p.m., Art of the North Gallery

Warm Conversations: Climate Action – Carbon Capture and Storage/ Industry Efficiency

Innovation Teams co-develop solutions in "fishbowl" – discussion and brainstorming in public setting with opportunity for additional NxN contribution at table

Participation by North x North registrants only; public observation (with museum admission)

Moderated by James Hemsath, Institute of the North

- Nathan Morrison, Sustainable Now Technologies, U.S.
- Mark Spafford, Municipality of Anchorage, Alaska
- Brent Sheets, University of Alaska Fairbanks
- Krish Sankaran, Radical Innovations Group, Finland

3:00 p.m., Auditorium

Warm Conversations: Local Government and the Sustainable Development Goals

Open to North x North registrants only

Moderated by Mara Kimmel, Municipality of Anchorage

- Jeff Weltzin, City Manager, Tanana, Alaska
- Mayor Ethan Berkowitz, Municipality of Anchorage, Alaska
- Mayor Kristin Roymo, Tromsø Kommune
- · Mayor Clement Richards, Northwest Arctic Borough, Alaska

3:00 p.m., East Gallery

Cool Talks: Startups and Investors across Alaska

Open to North x North registrants only

Moderated by Joe Morrison, 49th State Angel Fund, Alaska

- Zoi Maroudas, Bambinos Baby Food, Alaska
- Eric Solie, Attently, Alaska
- Paul Hackenmueller, Spruce Root, Alaska
- Cindy Mittlestadt, Bristol Bay Development Fund, Alaska
- Amy Fredeen, Cook Inlet Tribal Council, Alaska
- Brandon Howard, Amalga Distillery

3:30 p.m., ConocoPhillips Gallery Film – *The Illuminators* 1 hr 8 min

Directed by Antti Haase, Finland

Open to North X North registrants, CAFF passholders, and public (with admission)

Film screening followed by Q&A with director **Antti Haase** and cinematographer **Mikko Leinonen**.

5:00 p.m., Atrium

Happy Hour

Open to NxN registrants and public (with museum admission)

Technology Pitch

· Eric Solie, Attently, Alaska

Music by DJ Jesse Cross, Alaska

5:00 p.m.

Museum Tours

Open to North x North registrants and public (with museum admission)

- Art of the North (meet Rasmuson Wing stair entrance, east wing, second floor)
- Alaska exhibition (meet at entrance, east wing, second floor)
- 8Boxes, a Track & Field temporary installation (meet under atrium staircase)

6:00 p.m. to 6:30 p.m., Auditorium

Curating the North

Open to North x North registrants and public (with museum admission)

Andreas Hoffmann, Arctic Culture Lab, Norway

6:30 p.m. to 7:00 p.m., East Gallery

Artist Talk: Maktak & Gasoline - The People of Point Hope

Open to NxN registrants and public, with museum admission

Meet Ellis Doeven, the Dutch photographer behind the exhibition Maktak and Gasoline: The People of Point Hope, which opens today. Doeven has been photographing Point Hope since 2008. Maktak and Gasoline presents a portrait of Point Hope and its people amid a push-pull among cultures and eras.

7:00 p.m. to 7:30 p.m., Art of the North Gallery **Arctic Futures**

Open to North x North registrants, and public (with museum admission)

· Matthew Jull, University of Virginia, Arctic Design Group



6:30 p.m. to 7:30 p.m., Atrium

Robert O. Anderson Sustainable Arctic Awards

NxN VIP or separate registration

Moderated by Jon Isaacs, AECOM, and Tom Barrett, Alyeska Pipeline; Institute of the North board members

Presentation to C.B. Bettisworth and Karen Perdue, and Larry and Barbara Cash

 Remarks by James Dougherty, RIM Architects and Tracy Vanairsdale, Bettisworth North

Musical performance by **Snorri Helgason**, singer/songwriter, Iceland

7:00 p.m. to 8:00 p.m., Auditorium

Film - WE UP: Hip Hop & the Arctic 25 min, followed by curated conversation

Open to North x North registrants, CAFF passholders, and public (with admission)

 Pre-production screening of Anchorage Museum film project, includes discussion

7:30 p.m. to 9:30 p.m., Atrium

Polar Night Music

Open to North x North registrants and public (with museum admission)

- DJ Uyarakq, Greenland
- DJ Orion, Finland

8:00 p.m. to 9:30 p.m., Auditorium

Special Festival Film - When They Awake 1 hr 30 min

Directed by PJ Marcellino and Hermon Farahi, Canada/USA, 2017

Open to North x North registrants, CAFF passholders and public (with admission)

Film screening followed by Q&A with director

ROBERT O. ANDERSON SUSTAINABLE ARCTIC AWARD

Join us on Friday, April 27, for this year's recognition of CB Bettisworth and Karen Perdue, and Larry and Barbara Cash.

The Institute of the North established the Robert O. Anderson Sustainable Arctic Award to recognize an individual or organization based in Alaska, or around the circumpolar North, in recognition of their long-time achievements balancing development of Arctic resources with respect for the environment and benefit to communities and peoples of the North. Awardees have been selected by a nominating committee that reviews:

- Active development of a resource in the Arctic
- Social license and community support
- Environmental sensitivity
- Innovative solutions that have brought community economic development and or addressed crucial environmental challenges
- Respect for culture and local/traditional knowledge
- Term of service

As the former chairman and CEO of Atlantic Richfield (ARCO), it was Mr. Anderson's insistence on drilling one more exploratory well in 1967 that led to the discovery of Prudhoe Bay, still the largest oil field yet found in North America. Mr. Anderson was also a former chairman of the Aspen Institute and warned of global warming caused by fossil-fuel consumption in the 1980s, and more than once advocated higher taxes on his industry.

The ROA Award has been presented over the years to Senator Ted Stevens, Vincent Ostrom, President Ólafur Ragnar Grímsson of Iceland, Jacob Adams, Red Dog Mine, CH2MHill, Alaska Clean Seas and Wilfred Boyuck Ryan.

Saturday, April 28, 2018

Registration: 8:30 a.m. to 7:00 p.m. in the Museum lobby

9:00 a.m., Auditorium

Welcome and North by North Progress

Open to North x North registrants only

- · Nils Andreassen. Institute of the North
- Katherine Jernstrom. The Boardroom

Connecting an Innovation Ecosystem

Open to North x North registrants only

• Tina Pidgeon, GCI, Alaska

Clean Energy Innovation and Transition: From California and Germany to Alaska

Open to North x North registrants only

 Jonas Nahm, Johns Hopkins University School of Advanced International Studies, U.S.

10:00 a.m., Atrium Manufacturing Pitch

Ayla Rogers, Pandere Shoes

10:00 a.m. to 10:30 a.m., Auditorium

Cool Talks: Mapping the North

Open to North x North registrants and public (with museum admission)

• Graham Hogg, Lateral North, Scotland

10:00 a.m. to 4:00 p.m., Spark!Lab

Youth & Families: Youth Innovation Challenge – Cold Climate Housing

By invitation only

Moderated by **Rachael Miller**, Alaska Pacific University In association with Anchorage MakerSpace

10:00 a.m. to 11:30 a.m., Atrium

Warm Conversations: Good Health and Well-Being – Culturally Responsive Approaches to Mental/Social Wellness

Innovation Teams co-develop solutions in "fishbowl" – discussion and brainstorming in public setting with opportunity for NxN participant contribution at table.

Open to North x North registrants, observation only by public (with museum admission)

Facilitated by Mary Ehrlander, University of Alaska Fairbanks

- Rebecca Ling, Recovery Services, Cook Inlet Tribal Council, Alaska
- Marika Morris, Carleton University, Canada
- · Pavel Cheshev, Business Finland
- Leanna Mack, North Slope Borough, Alaska
- Esther Combs, Remote Communities Committee, Alaska
- Gary Ferguson, Healthy Communities Consultant, Alaska
- Karina Moeller, Greenland

10:00 a.m. to 11:30 a.m., East Gallery

Warm Conversations: Climate Action - Community Risk Data and Response Options

Innovation Teams co-develop solutions in "fishbowl" – discussion and brainstorming in public setting with opportunity for NxN participant contribution at table.

Open to North x North registrants, observation only by public (with museum admission)

Moderated by Erin Trochim, University of Alaska Fairbanks

- Laura Young, Alaska Operations Manager, AECOM
- Will Koeppen, Axiom Data Science, Alaska
- Judy Chapman, State of Alaska, Dept. of Transportation & Public Facilities
- Erica Betts, PDC Engineers, Alaska
- Ronni Wilcock, Two Bears Environmental Consulting



10:00 a.m. to 11:30 a.m., Art of the North Gallery **Warm Conversations: Regional Innovation Collaboration** Open to North x North registrants

Moderated by **Gretchen Fauske**, Center for Economic Development, UAA Business Enterprise Institute, Alaska

- Paul Hackenmueller, Sustainable Southeast Partnership;
 Spruce Root
- Patrick McDonnell, Municipality of Anchorage
- · Aaron Poe, Adapt Alaska
- Jörgen Andersson, Nordic Savory Hub, Sweden
- Cheryl Rosa, U.S. Arctic Research Commission

10:30 a.m. to 11:00 a.m., Auditorium Cool Talks: Architecture of the North

Open to North x North registrants and public (free with admission)

 Jeremie McGowan, Director, Northern Norway Art Museum, Tromso

11:00 a.m. to 11:30 a.m., Auditorium

Cool Talks: People of the Arctic: Conveying Pace & People through Photographs

Open to North x North registrants and public (free with admission)

- Brian Adams, Alaska
- Ellis Doeven, Netherlands

11:30 a.m., Auditorium

Anchorage I-Team and Role of Local Government Innovation Officer

Open to North x North registrants only

Brendan Babb, Chief Innovation Officer, Municipality of Anchorage

12:00 p.m., Atrium
Lunch and Networking

Open to NxN registrants only

12:00 p.m., Art Lab

Lunch Workshop: Urban Homestead

Open to NxN registrants and public who have registered in advance.

Includes boxed lunch and discussion of foraging, preserving and farm to table.

12:00 p.m. to 1:00 p.m., Art of the North Gallery

Music: Silent Disco - Northern Tunes

Open to North x North registrants and public (free with admission)

12:00 p.m. to 6:00 p.m.
Film - *Melting Church*on Atrium screens, looped

Created by Andreas Hoffmann, 2017, Norway

12:00 p.m., ConocoPhillips Gallery

Film - Children of the Arctic 1 hr 30 min

Directed by Nick Brandestini, 2016, USA

Open to North x North registrants, CAFF passholders, and public (with admission)

1:00 p.m., Atrium

Warm Conversations: Sustainable Communities - Northern Affordable Housing

Innovation Teams co-develop solutions in "fish bowl" – discussion and brainstorming in public setting with opportunity for NxN participant contribution at table.

Participation by NxN registrants only; observation by public, with museum admission

Moderated by Nils Andreassen, Institute of the North

- Mimi Burbage, Alaska Housing Finance Corporation
- Saara Suurla, Sweco Finland
- Andrew Unsworth, Agron-LED, Scotland
- Klaus Mayer, Snowhaus, Alaska

1:00 p.m. to 2:30 p.m., Art of the North Gallery

Warm Conversations: Affordable and Clean Energy - Remote Microgrids

Innovation Teams co-develop solutions in "fish bowl" – discussion and brainstorming in public setting with opportunity for NxN participant contribution at table.

Participation by NxN registrants only; observation by public, with museum admission

Moderated by **Gwen Holdmann**, Alaska Center for Energy and Power

- Dave Messier, Tanana Chiefs Conference, Alaska
- Mike Kuca, U.S. Department of Energy Office of Indian Energy
- · Alan Fetters, Alaska Energy Authority
- Robert Venables, Southeast Conference, Alaska
- Antti Haase and Mikko Leinonen, The Illuminators, Finland

1:00 p.m., Spark!Lab

Youth Innovation Challenge: Rapid Prototyping

Moderated by Rachael Miller, Alaska Pacific University

1:00 p.m. to 2:30 p.m., East Gallery

Warm Conversations: Norway & the Art of Happiness

North x North registrants only

Moderated by Amy Coffman, Municipality of Anchorage

- Wenche Jakobsen, University of Tromsø, the Arctic University of Norway
- Bodil Kjelstrup, Nordnorsk Kuntsmuseum, Norway
- Ole Øvretveit, Arctic Frontiers, Norway
- Andreas Hoffmann, Arctic Culture Lab
- Mayor Kristin Roymo, Tromsø Kommune, Norway
- Tor Lægreid, Chief Executive, Arctic Philharmonic, Norway
- Astrid Aure, Tromsø International Film Festival (TIFF), Norway
- · Lena Aarekol, Director, Tromsø Museum, Norway

1:00 p.m. to 2:30 p.m., Auditorium

Warm Conversations: Alaska CEDS – An Expanding Role for Innovation

Open to North x North registrants only

Moderated by **Alyssa Rodrigues**, Division of Economic Development, State of Alaska

- Nolan Klouda, Executive Director, Center for Economic Development, University of Alaska Anchorage
- Nigel Sharp, Global Entrepreneur in Residence, University of Alaska Anchorage
- Joel Cladouhos, Ocean Cluster Initiative

2:00 p.m., ConocoPhillips Gallery

Film - Angry Inuk 1 hr 30 min

Directed by Alethea Arnaquq-Baril, 2017, Canada

Open to North x North registrants, CAFF passholders, and public (with admission)

2:30 p.m., Atrium

Networking Break

3:00 p.m. to 4:30 p.m., Art of the North Gallery

Warm Conversations: Northern Knowledge

Open to North x North registrants only

Moderated by **Diane Hirshberg**, UAA

- Wenche Jakobsen, University of Tromsø, the Arctic University of Norway
- Doug Cost, University of Alaska Fairbanks
- Liza Mack, Aleut International Association
- Christian Wennecke, Greenland Business



3:00 p.m. to 4:30 p.m., Reynolds Room

Youth & Families: World Café

Open to North x North registrants, and public (with museum admission)

Youth-led Community Dialogue on the Sustainable Development Goals, hosted by Spirit of Youth and Arctic Youth Ambassadors. Attendees are welcome to join these conversations led by youth leaders. Tables will be organized by SDG individually or grouped, with rotations to maximize discussion.

Moderated by Spirit of Youth awardees. Discussion hosts include Duncan Okitkun, performer; and Rafael Bitanga, Crepe Escape, Kodiak.

3:00 p.m. to 4:30 p.m., East Gallery **Warm Conversations: Smart Arctic**

Open to North x North registrants only; a seminar organized by Arctic Frontiers

Moderated by **Gøril Johansen**, Norwegian Ministry of Foreign Affairs envoy to Arctic Frontiers, Norway

- Ole Øvretveit, Arctic Frontiers, Norway
- Nils Andreassen, Executive Director, Institute of the North
- Yngve Birkelund. Head of department. Department of Engineering and Safety, UiT The Arctic University of Norway
- Julie Decker, Director, Anchorage Museum
- Kristin Røymo, Mayor, Tromsø
- **Bodil Kjelstrup**, Administrative leader, Northern Norway Art Museum

3:00 p.m.. Auditorium

Cool Talks: Art and Northern Places

Open to North x North registrants and public (with admission)

Charis Gullickson, Nordonorsk Kuntsmuseum

Cool Talks: Natural North

Open to North x North registrants and public (with admission)

Christina Seely, artist, Dartmouth University

Cool Talks: Many Norths w/book signing

Open to North x North registrants and public (with admission)

Mason White. Lateral Office. Canada

4:30 p.m., Spark!Lab

Youth & Families: Youth Innovation Challenge -**Presentation & Practices**

By invitation only

5:00 p.m. to 6:00 p.m., Art of the North Gallery

+ Presentation in Atrium: 8Boxes with Track & Field

Open to NxN registrants and public, with museum admission

5:00 p.m., Atrium and 7th Ave. entrance

Food Festival: Arctic Street Foods and La Bodega **Northern Beer Garden**

Open to NxN VIP registrants; or \$10 food passport, beer samples separate

- · Chef US
 - Ms. Kirsten and Ms. Mandy Dixon, Within the Wild
 - Mr. **Aaron Gilman**, Seven Glaciers, Alyeska Resort
- Chef Iceland
 - Mr. Sigurdur Helgason, Radisson Blu, Iceland
- · Chef Finland
 - Ms. Sirpa Welch, Consulate General of Finland, Los Angeles
- Chef Sweden
 - Ms. Frida Johansson, Embassy of Sweden, Washington, D.C.

Music by DJ Spencer Lee, Alaska

6:30 p.m. to 7:30 p.m., Atrium

Creative Community and Youth Recognition Reception with Celebration of Anchorage/Tromsø Sister City Partnership Open to all

- Remarks by Mayor **Ethan Berkowitz**, Municipality of Anchorage
- Remarks by Mayor Kristin Roymo, Tromso Kommune, Norway

Moderated by Regan Brooks, Story Works Alaska

- Youth Innovation Awardees
- Youth World Café report out
- Eben Hopson, Barrow, Arctic Youth Ambassador

With Special Guests and Hosts from, Norway, including Nordnorsk Kuntsmuseum, Arctic Frontiers, Tromsø Kommune, Arctic Philharmonic, Tromsø International Film Festival, and Tromsø Museum

Musical performance by **Karina Moeller**

7:30 p.m. to 9:00 p.m., Atrium

Arctic Dance Party

North x North registrants only

- DJ Orion, Finland
- **DJ Uyarakq**, Greenland

7:30 p.m., Auditorium

Feature Film - Sami Blood 1 hour 50 min

Directed by Amanda Kernell, Sweden, Norway, Sápmi, 2016

Open to North x North registrants, CAFF passholders, and public (with admission)

Film discussion led by Melissa Shaginoff & Aaron Leggett

9:00 p.m. to 1 a.m., Williwaw After Party

Free and open to the public

• all artists invited to perform

Sunday, April 29, 2018

Registration: 9:30 a.m. to 2:00 p.m. in the Museum lobby

10:00 a.m. to 11.30 a.m at various locations Brunch and Brainstorm

NxN participants, pre-register

10:00 a.m. to 3:00 p.m., Reynolds Room

Youth & Families: Youth Scenarios Development Workshop
By invitation only

- Facilitated by:
 - **Doug Cost**, PhD, University of Alaska Fairbanks
 - Diane Hirshberg, PhD, University of Alaska Anchorage

11:00 a.m. to 1:00 p.m., Art of the North Gallery

Work it out: Preparing the Next Generation of Food Systems Leaders in the North – Crowd-Sourcing the Development of the Food Research, Enterprise, and Sustainability Hub (FRESH)

Open to North x North registrants only

Led by Liz Hodges Snyder and Rachael Miller

12 p.m. to 5 p.m., Atrium

Film - Three Thousand 14 minutes, looped

Directed by Asinnajaq, Canada, 2017

Open to North x North registrants and public, free with admission. Use Silent Disco headphones.

12:00 p.m., ConocoPhillips Gallery

Film - Journey to Adäka 1 hour

Directed by Fritz Mueller, Canada, 2017

Open to North x North registrants, CAFF passholders, and public (with admission)

12:30 p.m. to 2 p.m., Muse

Snacks at the Bar

Open to NxN registrants only

1:00 p.m., ConocoPhillips Gallery

Film - Camera Trap 30 min

Directed by Marty O'Brien, Canada, 2017

1:00 p.m, East Gallery

Work it out: Northern Neighborhoods: Resilience, Design, Equity & Innovation

Open to North x North registrants only

Led by Jonny Hayes, Anchorage Museum

1:00 p.m., ConocoPhillips Gallery

Innovation Ecosystems: Connecting Northern Perspectives

Open to NxN registrants only

Moderated by **Ky Holland**, Alyeska Venture Management

- Christian Wennecke, Greenland Business
- Brian Holst, Juneau Economic Development Corporation
- · Pavel Cheshev, Business Finland
- Sioux-z Marshall, Anchorage Innovation Team
- Chris McDonald, Organisation for Economic Co-operation and Development (OECD)



1:30 p.m., Auditorium

Film - Voices of Northwest Alaska: Sea Ice Secure 15 minutes

Directed by Sarah Betcher, USA, 2017

Open to North x North registrants, CAFF passholders, and public (with admission)

1:45 p.m., Auditorium

Film - Voices of Northwest Alaska: Grocery Store of the People 16 minutes

Directed by Sarah Betcher, USA, 2017

Open to North x North registrants, CAFF passholders, and public (with admission)

2:15 p.m., Auditorium

Film - Breathe in 6 minutes

Directed by Fransisco Mattos, Norway, 2018

Open to North x North registrants, CAFF passholders, and public (with admission)

2:30 p.m., Atrium

Energy Pitch

• Angelo Campus, BoxPower; a project of Launch Alaska

3:00 p.m., Auditorium

Film - Keep Talking 1 hr 20 min

Directed by Karen Weinberg, USA

Open to North x North registrants, CAFF passholders, and public (with admission)

3:00 p.m., Atrium

Celebrating Innovation

- · Ocean SPRINT finalist presentation
- Volt 49 finalist presentation

Presentation of Conclusions: Innovation and the SDGs

Partner Panel:

- Givey Kochanowski, USDOE Office of Indian Energy
- · Janet Reiser, Executive Director, Alaska Energy Authority
- Joe Morrison, 49th State Angel Fund, Alaska
- Danny Consenstein, Alaska Food Policy Council
- Scott Waterman, Alaska Housing Finance Corporation
- Peter Webley, University of Alaska Fairbanks

Youth Scenarios Development report out

Closing Speaker:

 Chris McDonald, Organisation for Economic Co-operation and Development (OECD)

4:30 p.m. to 5:00 p.m., Atrium

Closing Remarks

North X North registrants only

· Nils Andreassen, Institute of the North

4:30 p.m., Auditorium

Film - Shift 30 minutes

Directed by Kelly Milner, Canada

Open to North X North registrants, CAFF passholders, and public (with admission)

5:00 p.m. to 6:00 p.m., Atrium Closing Reception

Open to NxN registrations only

Feedback, volunteering, idea wall

Circumpolar Arctic Film Festival Schedule

All films included in NxN registration fee or separately as a Festival pass; public attendance welcome with museum admission. Language: English, unless otherwise indicated.

Thursday, April 26, 2018

The Other Side of Hope 7:30 p.m. in the auditorium

Run Time: 1hr 30 min

Directed by Aki Kaurismäki, Finland, 2017

Language: Finnish, English, and Arabic with English Subtitles

Displaced Syrian Khaled lands in Helsinki as a stowaway; meanwhile, middle-aged salesman Wikström leaves behind his wife and job and buys a conspicuously unprofitable seafood restaurant. After Khaled is denied asylum, he decides not to return to Aleppo—and the paths of the two men cross fortuitously. As deadpan as the best of director Aki Kaurismäki's work, and with a deep well of empathy for its down-but-not-out, The Other Side of Hope is a bittersweet tale of human kindness in the face of official indifference.



Friday, April 27, 2018

Three Thousand Noon on Atrium screens, looped

Run Time: 14 min

Directed by Asinnajaq, Canada, 2017

Inuk artist Asinnajaq plunges us into a sublime imaginary universe—14 minutes of luminescent, archive-inspired cinema that recast the past, present and future of Inuit in a radiant new light. Embedding historic footage into original animation, she conjures up a vision of hope and beautiful possibility.

Between Earth and Sky Noon in the ConocoPhillips Gallery

Run Time: 1hr 25 min
Directed by Paul Hunton, USA

Alaska has been the source of myth and legend in the imagination of Americans for centuries, and what was once the last frontier of American expansion, has become the first frontier in climate change. Between Earth and Sky examines climate change through the lens of impacts to native Alaskans, receding glaciers, and arctic soil.

Keep Talking 2:00 p.m. in the ConocoPhillips Gallery,

Run Time: 1 hr 20 min

Directed by Karen Weinberg, USA, 2017

Language: English, Finnish

Keep Talking follows four Alaska Native women fighting to save Kodiak Alutiiq, an endangered language now spoken by less than 40 remaining fluent Native Elders. Their small community travels to remote Afognak Island to start teaching kids Alutiiq. Keep Talking reveals the ultimate impact of language and culture revitalization; joy and hope.



The Illuminators 3:30 p.m. in the ConocoPhillips Gallery

Run Time: 1 hr 8 min

Directed by Antti Haase, Finland, 2017

Language: English, Finnish

The story of a Baltic German refugee who became the father of light to Lapland, The Illuminators recounts how Lapland was electrified by an enormous undertaking and a courageous mission. Director Antti Haase and cinematographer Mikko Leinonen will be present for Q&A after the film.

WE UP: Hip Hop & the Arctic 7:00 p.m. to 8:00 p.m. in the Auditorium

Runtime: 25 min, followed by curated conversation

Directed by David Holthouse, USA, 2018

Language: English, Northern Sámi, Inari Sámi, Iñupiag

Forty years after hip-hop culture was born in the South Bronx district of New York City, its foundational creative forms, or "four elements," are taking on new life with indigenous artists of the Circumpolar North. These rappers, breakdancers, graffiti artists and turn-tablists (DJs) hail from places throughout Arctic nations, from reindeer herding villages in northern Finland and Norway, to Nuuk, the capital of Greenland, to communities large and small in Northern Canada and Alaska. Though separated by long distances, they are unified by common elements and recurring themes: connections to ancestral land, defense of hunting and fishing rights, loss of language, climate change and the continuing aftermath of colonization. By grafting indigenous languages, rhythms, movements and storytelling traditions onto styles designed for reinvention, these indigenous artists are putting their own spin on the radical self-expression, celebration of home, and keen social commentary that hip-hop represents. A pre-production screening with discussion following.

When They Awake 8:00 p.m. to 9:30 p.m. in the Auditorium

Run Time: 1 hr 30 min

Directed by PJ Marcellino and Hermon Farahi, Canada/USA, 2017

Language: English, Inuktitut

When They Awake documents a remarkable generation of established and emerging Indigenous musicians in a moment of cultural and political resurgence across North America — from Standing Rock to the largest music stages. Featuring 20+ artists, from legendary songstress Buffy Sainte-Marie to modern trailblazers like Tanya Tagaq, Iskwé, Leela Gilday, and A Tribe Called Red, When They Awake is a magnum opus to the contemporary Indigenous music scene, and to the social movement that it's helping build. Working in every genre from Hip Hop to Rock to EDM and beyond, this crop of native musicians is channeling the pain of the past into a stirring, hopeful vision of the future.

Saturday, April 28, 2018

Melting Church Noon on Atrium screens, looped

Created by Andreas Hoffmann, 2017, Norway

The Melting Church is a time-lapsed documentation of a public art project, placed in Kjøllefjord, in the Arctic part of Norway, from February to May 2017.

Children of the Arctic Noon in the ConocoPhillips Gallery,

Directed by Nick Brandestini, USA, 2014

Runtime: 1 hr 30 min Language: English, Iñupiat

At the Arctic edge of America, Native Alaskan teenagers strive to be both modern American kids and the inheritors of an endangered whaling culture.

Children of the Arctic is a year-in-the-life portrait of Native Alaskan teenagers coming of age in Barrow, Alaska – the northern-most community of the United States. For these teenagers growing up has "Ukpiagvik" ("where we hunt snowy owls"). They are the twenty-first century descendants of a culture that has endured for millennia on this isolated, but rapidly changing tundra. The harvest of the agvik (bowhead whale) remains the heart of their culture – in the fall, motor boats and modern methods are used, whereas, in the spring, whaling crews use the umiaq (a seal-skin boat made by hand) and ancient traditional methods.

Angry Inuk 2:00 p.m. in the ConocoPhillips Gallery

Runtime: 1 hr 30 min

Directed by Alethea Arnaquq-Baril, 2017, Canada

Language: English, Inuktitut

Director Alethea Arnaquq-Baril joins a new tech-savvy generation of Inuit as they campaign to challenge long-established perceptions of seal hunting. Armed with social media and their own sense of humour and justice, this group is bringing its own voice into the conversation and presenting themselves to the world as a modern people in dire need of a sustainable economy.

Sami Blood 7:30 p.m. in the Auditorium

Runtime: 1 hr 50 min

Directed by Amanda Kernell, Sweden, Norway, Sápmi, 2016

Language: South Sámi, Swedish; English Subtitles

Elle Marja, 14, is a reindeer-breeding Sámi girl. Exposed to the racism of the 1930's and race biology examinations at her boarding school, she starts dreaming of another life. To achieve this other life, she has to become someone else and break all ties with her family and culture. Film discussion led by Melissa Shaginoff & Aaron Leggett

Sunday, April 29, 2018

Three Thousand Noon on Atrium screens, looped

Run Time: 14 min

Directed by **Asinnajaq**, Canada, 2017

Inuk artist Asinnajaq plunges us into a sublime imaginary universe—14 minutes of luminescent, archive-inspired cinema that recast the past, present and future of Inuit in a radiant new light. Embedding historic footage into original animation, she conjures up a vision of hope and beautiful possibility.

Journeys to Adäka Noon in the Conoco Phillips Gallery

Run Time: 1 hour

Directed by Fritz Mueller, Canada, 2017

Journeys to Adäka is the story of seven indigenous artists who look to the past for the strength to overcome a legacy of hurt, becoming cultural giants and leaders in the process. This documentary follows its subjects as they prepare for the Adäka Cultural Festival in Whitehorse, Yukon, inviting viewers into carving sheds, kitchens, and community halls.

Camera Trap 1 p.m. in the Conoco Phillips Gallery

Run Time: 30 min

Directed by Marty O'Brien, Canada, 2017

The Porcupine Caribou herd is one of the largest caribou herds in North America but its future is uncertain. Climate change, industrial development, national and international political posturing and a rapidly changing north are all putting the herd and its home range at risk. The Gwich'in people who have relied on the herd for generations also see their future hanging in the balance and they need the rest of the world to notice. Camera Trap is an intimate portrait of Photographer Peter Mather, exploring what is behind his obsession with protecting the Porcupine herd and the lengths he will go to get the perfect shot.

Voices of Northwest Alaska: Sea Ice Secure 1:30 p.m.

in the Conoco Phillips Gallery, 2nd Floor

Run Time: 15 minutes

Directed by Sarah Betcher, USA, 2017

People in rural northwest Alaska show strong resilience to the impacts of climate change. Sea Ice Secure showcases ways in which local people find adaptive ways to go about their subsistence way of life in the wake of rapid change in sea ice conditions.



Voices of Northwest Alaska: Grocery Store of the People

1:45 p.m. in the Auditorium Run Time: 16 minutes

Directed by Sarah Betcher, USA, 2017

Rural subsistence communities of the Northwest Alaskan Arctic rely on wild foods to sustain economic and cultural well-being. Grocery Store of Our People showcases the many strengths of the Inupiag people's subsistence way of life.

Breathe In 2:15 p.m. in the Auditorium

Run Time: 16 minutes

Directed by Fransisco Mattos, Norway, 2018

World Champion kiter Kari Schibevaag and four colleagues embark on a 15-day long expedition to cross Svalbard from the south to the north. They want to document climate changes and explore the arctic nature while using the power of the wind and kites to move. The team face extreme conditions and dangers, from glacier cracks to securing their camp sites in areas inhabited by polar bears.

Keep Talking 3:00 p.m. in the Auditorium

Run Time: 1 hr 20 min

Directed by **Karen Weinberg**, USA *Language: English, Finnish*

Keep Talking follows four Alaska Native women fighting to save Kodiak Alutiiq, an endangered language now spoken by less than 40 remaining fluent Native Elders. Their small community travels to remote Afognak Island to start teaching kids Alutiiq. Keep Talking reveals the ultimate impact of language and culture

Shift 4:30 p.m. in the Auditorium

revitalization; joy and hope.

Run Time: 30 minutes

Directed by Kelly Milner, Canada

"SHIFT" is a documentary about the indigenous youth from Carcross, Yukon who have spent the past 10 years transforming traditional trails around their community into a world-class mountain biking destination - and changing themselves along the way.

CONNECT, RELAX, SHOP, DINE

A Place to Connect

9:00 a.m. to 6:00 p.m. in the Arctic Studies Center, north side, 2nd floor

- North X North registrants only
- The Arctic Lounge will be open with chairs, outlets, and wi-fi provided.
- Charging stations provided by GCI

A Place to Retreat

9:00 a.m. to 6:00 p.m. in the Patron's Lounge, Art of the North Gallery, west side, 3rd floor

- · North X North registrants only
- A quiet place to reflect
- Share comments, suggestions, or information about future collaborators

A Place to Eat

 Coffee and food are available for purchase throughout the day and evening from the Atrium Café and Muse Restaurant.

A Place to Shop

Open daily 9:00 a.m. to 6:00 p.m.

 Visit the Anchorage Museum Store for a selection of books by NxN participants and presenters and a large selection of publications and products featuring the North.

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