



Fulbright Finland Expert Study Tour

Towards Sustainable Arctic Futures

May 5-13, 2017

Anchorage - Healy - Denali

Arctic Council Interchange and the Week of the Arctic, Fairbanks

Towards Sustainable Arctic Futures



In conjunction with the 10th Arctic Council Ministerial Meeting in Fairbanks, Alaska, the United States will hand over the chairmanship of the Arctic Council to Finland on May 11, 2017. To kick off Finland's Chairmanship in the spirit of collaboration and partnerships, the Fulbright Finland Foundation is bringing a ten-member multidisciplinary expert delegation on a study tour from Finland to Alaska for the week of the interchange. Under the theme *Towards Sustainable Arctic Futures*, this is the 8th expert study tour to the United States organized by Fulbright Finland. The

tour addresses the Foundation's key strategic priority area, the Arctic, as well as the Foundation's fundamental purpose of promoting a wider exchange of knowledge and professional talents through educational and scholarly contacts between Finland and the United States.

In 2016 Fulbright Finland in cooperation with the Thule Institute, University of Oulu, organized the Fulbright Arctic Initiative Finland Plenary Week in Oulu for scholars representing all eight Arctic Council member countries. The week included meetings with a diverse group of leaders from academia and NGOs to industry and business, helping initiate new collaborations. This Arctic study tour is a direct follow up to the Oulu week and it aims to build on the existing connections and expand to new areas. With all of its multilateral collaboration projects, Fulbright Finland strives to serve as a catalyst, facilitate new connections and inspire lasting cooperation.

This study tour takes our delegation from Anchorage to Healy, to Denali National Park and finally to Fairbanks. And as always with Fulbright Finland, the program is genuinely a joint effort. Our alumni in the United States and a large number of other individuals and institutions have been instrumental in helping us organize this tour. I want to convey our deepest gratitude to everyone involved. And my warmest thanks to our passionate and tireless staff team in Helsinki and a special thank you to Suzanne Louis who was instrumental in the launching of this project.

On behalf of the delegation, I welcome you to join us in the spirit of collaboration and partnerships, in honor of the week of the interchange in Fairbanks and the continued Arctic collaboration during the Finnish Chairmanship and beyond.

Terhi Mölsä

Chief Executive Officer

Fulbright Finland Foundation

Thank You!

Fulbright Finland wishes to thank the following individuals and institutions for their important role in making this Study Tour possible:

Nils Andreassen, Executive Director, Institute of the North

Donna Anger, Director, University of Alaska Fairbanks International Programs & Initiatives

Amanda Byrd, Biomass Coordinator, Alaska Center for Energy and Power, ACEP

Marcia Cassino, Program Assistant, Alaska Center for Energy & Power, ACEP

Cathy Griseto, Program Coordinator, University of Alaska Fairbanks, Department of Veterinary Medicine

Gwen Holdmann, Director, Alaska Center for Energy and Power, University of Alaska

Noor Johnson, Research Scientist, National Snow and Ice Data Center (NSIDC)

Ryan Keele, Building Manager, Wood Center, University of Alaska Fairbanks

Kirsi Latola, Director of UArctic Thematic Networks / Research coordinator, Thule Institute, University of Oulu

Karen Martin, Fulbright Alumna, Distinguished Awards in Teaching 2013-2014

Marie-Sylvestre Olesen, Arctic Program Coordinator, University of Alaska Fairbanks

Sazil Say, Group & Corp Travel Desk Coor, Alaska Railroad

Dave Schirokauer, Resources and Science Team Leader, Denali National Park and Preserve

Michael Sfraga, Director, Polar Initiative, Woodrow Wilson Center/Smithsonian Institution; Affiliate Professor, International Arctic Research Center, University of Alaska Fairbanks; Co-Lead Scholar, Fulbright Arctic Initiative

David Tomeo, Education Program Director, Alaska Geographic at the Murie Science and Learning Center, Denali National Park and Preserve

Marilyn Usibelli, Black Diamond Resort Co

Ross A. Virginia, Director, Institute of Arctic Studies, Dickey Center for International Understanding, Dartmouth College; Co-Lead Scholar, Fulbright Arctic Initiative

Ministry for Foreign Affairs of Finland

Ministry of Education and Culture, Finland

Embassy of Finland, Washington, D.C.

Fulbright Finland Foundation Board of Directors

Fulbright Finland Study Tour Organizing Team:

Pia Arola, Maija Kettunen, Suzanne Louis, Mirka McIntire, Terhi Mölsä

Arrival Information

Thursday/Friday

May 4-5, 2017

Anchorage Airport Information:

<http://dot.state.ak.us/anc/>

Anchorage taxi number:

Taxicabs are available at both Terminals of the Ted Stevens Anchorage International Airport.

Checker Cab: +1-(907)-276-1234

Yellow Cab: Phone +1-(907)-222-2222

Hotel Information in Anchorage:

Anchorage Grand Hotel, DC

505 West 2nd Avenue, Anchorage (Alaska), AK 99501

Phone: +1-907-929-8888

www.anchoragegrand.com

WiFi is available in all areas and is free of charge.

Your Fulbright Finland Contacts in Alaska:

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Chief Executive Officer

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Contents

Towards Sustainable Arctic Futures	2
Thank You!	3
Thursday/Friday - Arrival Information	4
Saturday - Aurora Winter Train	6
Sunday - Denali National Park	8
Monday - Week of the Arctic Day I	10
Fulbright Finland Delegation Exhibit	14
Tuesday - Week of the Arctic Day II	15
Wednesday - Week of the Arctic Day III	21
Thursday - Handover of the Arctic Council Chairmanship	25
Friday - Site Visit to ACEP, Debriefing	27
The Alaska Center for Energy and Power	29
Maps	30
Fulbright Finland Foundation	32
Delegation CVs	34

Saturday

May 6, 2017

A continental breakfast is delivered to the rooms at 6:30.

07:00 Meet at the Lobby and depart for the Anchorage Train Depot

Anchorage Train Depot

Address: 411 W 1st Ave, Anchorage, AK 99501, USA

Tel.: +1-907-265-2494

www.alaskarailroad.com/travel-planning

07:30 Check-In Time for the Aurora Winter Train to Healy via Denali Park

Baggage: The Alaska Railroad offers checked baggage service. One carry-on is allowed per person. Carry-on bags may not exceed 15 x 14 x 6 (inches). Please remember to carry on medications, cameras or other items that you will need during your train ride. Each ticketed passenger may check four pieces aboard the Aurora Winter Train. The luggage weight limit is 50 pounds per bag.



08:30 Aurora Winter Train to Healy via Denali Park Departs

Program:

- » Welcome Remarks
- » Participant Introductions
- » Program Overview
- » Goals and Expectations for the Week
- » Discussion on Action Plan Assignments
- » Visibility Plan
- » Practical and Logistical Information

16:35 Arrival in Healy

Denali Taxi Shuttle

Tel.: 844-907-4387

E-mail: ride@denalitaxishuttle.com



Organizer:

Karen Martin

Fulbright Alumna, Distinguished Awards in Teaching 2013-2014

Member of the Friends of Fulbright Finland (FoFF) Alumni Council

Tel.: +1-907-687-9749

Hotel Information in Healy:

Motel Nord Haven

249.5 George Parks Highway

Healy, AK 99743

Phone: +1-907-683-4500

Marilyn Usibelli, Owner and Front Desk

info@auroradenalilodge.com

www.auroradenalilodge.com

Breakfast buffet included.



Sunday

May 7, 2017

10:00 Departure to Denali National Park

A guided tour by bus and by foot at the Denali National Park will explore the nature conservation efforts at the park, as well as the impact of climate change, e.g. thawing permafrost and changes in biodiversity. Picnic lunch provided.

Organizers:

- Karen Martin
Fulbright Alumna, Distinguished Awards in Teaching
- David Tomeo
Education Program Director, Alaska Geographic
At the Murie Science and Learning Center, Denali National Park and Preserve
- Dave Shirokauer
Chief of Resources for Science in Denali National Park



Hiking Gear: hiking/running shoes, hats, gloves, layers

Dinner

Venue: The Murie Dining Hall, adjacent to the Murie Science and Learning Center.

19:00 Departure for Fairbanks by a Van via Healy

Amanda Byrd
Biomass Coordinator
ACEP, Alaska Center for Energy and Power
Tel.: +1-907-9780-305

Hotel Information in Fairbanks:

Holiday Inn Express & Suites Fairbanks
400 Merhar Avenue
Fairbanks, AK 99701-3166
Tel.: +1-907-328 1100
bclark@hiefairbanks.com

Breakfast included.

Monday

May 8, 2017

- 08:00-17:00 Association of International Education Administrators (AIEA)
- Thematic Forum
- 08:00-17:00 Arctic Broadband Forum
- 11:30-13:30 No-Host Lunch
- 15:00-17:00 Community Healing & Wellness - Workshop (*open*)
- 17:30-19:30 Networking Reception: AIEA Thematic Forum and Arctic
Broadband Forum 2017
- 18:00-20:00 Arctic Seas in a Time of Change: Status, Trends, and
Implications Within and Beyond the Arctic (*open*)

Association of International Education Administrators (AIEA) - Thematic Forum

Representing the Finnish Delegation:

Floris Goerlandt

Kirsi Latola

Mirka McIntire

Terhi Mölsä

Elina Oksanen

Arttu Polojärvi

Venue: #109 A and B, Butrovich Building, West Ridge

08:00 Welcome; Coffee and Pastries

08:30 Arctic Research in an International Context - Bridging Research and Education

Larry Hinzman, Vice Chancellor for Research; Professor of Civil and
Environmental Engineering, University of Alaska Fairbanks

10:00 Networking Break

10:30 Indigenous Engagement in the Arctic - Implications for Internationalization

Evon Peter, Vice Chancellor for Rural and Community Development,
University of Alaska Fairbanks

12:00 Lunch (*provided on site*)

13:30 Fulbright Arctic Initiative - International Collaboration in Community Engagement

Co-Chairs/Panelists:

- Michael Sfraga, Director, Polar Initiative, Woodrow Wilson Center/ Smithsonian Institution; Affiliate Professor, International Arctic Research Center, UAF; Co-Lead Scholar, Fulbright Arctic Initiative
- Ross A. Virginia, Director, Institute of Arctic Studies, Dickey Center for International Understanding, Dartmouth College; Co-Lead Scholar, Fulbright Arctic Initiative

Panelists:

- Terhi Mölsä, Chief Executive Officer, Fulbright Finland Foundation
- Gwen Holdmann, Director, Alaska Center for Energy and Power
- Susan Chatwood, Assistant Professor, Institute for Circumpolar Health Research, University of Toronto, Canada
- Tamara Harms, Assistant Professor, Institute of Arctic Biology, University of Alaska Fairbanks

15:00 Networking Break

15:30 Panel Sessions:

I. Leveraging Arctic as an Area of Strategic Importance / Arctic Engagement for Policy and Diplomacy

- Melody Brown Burkins, Associate Director for Programs & Research, The John Sloan Dickey Center for International Understanding, Adjunct Professor of Environmental Studies, Dartmouth College

II. Model Arctic Council—UArctic Thematic Networks and Curricular Integration

- Mary Erhlander, Director, Arctic and Northern Studies Program; Professor of History, University of Alaska Fairbanks
- Brandon Boylan, Associate Director, Arctic and Northern Studies; Assistant Professor, Department of Political Science, University of Alaska Fairbanks

III. UArctic Network as a Model for Engagement

- Donna Anger, Director of International Programs & Initiatives, University of Alaska Fairbanks

Arctic Broadband Forum

Representing the Finnish Delegation:

Kati Anttila, Outi Koskinen, Juha Kääriä

Venue: William Ransom Wood Center, University of Alaska Fairbanks

08:00 Continental Breakfast, Coffee, Tea

08:30 Welcome & Opening Remarks

Dr. Jim Johnsen, President, University of Alaska System

Dr. Dana Thomas, Chancellor, University of Alaska Fairbanks

Mr. Karl Kassel, Mayor, Fairbanks North Star Borough

09:00 Panel 1: How Broadband Is Changing Lives In The Arctic

Dr. Pam Lloyd, Vice President, GCI Healthcare and Education, Alaska, USA

- Dr. Lisa Parady, Executive Director, Alaska Council of School Administrators
- Stewart McDonald, Superintendent, Kodiak Island Borough School District
- Macy Kenworthy, Arctic Youth Ambassador
- Byron Nicholai, I Sing, You Dance, Tooksook Bay, Alaska
- Dr. Stewart Ferguson, Alaska Native Tribal Health Consortium, Telehealth

10:00 Networking Break

10:30 Submarine Cables: A Tool of Control or Emancipation?

Michael Delaunay, University of Versailles-Saint-Quentin, France

11:00 Business Profile: NorthwesiTel Canada

Curtis Shaw, Vice-President Consumer Markets, Northwestel,
Yellowknife, Northwest Territories, Canada

11:30 Feasibility Study of an Arctic Mobile Communications Network

Harri Saarnisaari, Centre for Wireless Communications, University of
Oulu, Finland

12:00 Networking Lunch

13:00 Keynote: They Said It Couldn't Be Done

Quintillion Sub-Sea Cable Project: Connecting Japan to the UK

Ms. Elizabeth Pierce, President and CEO, Quintillion, Alaska, USA

13:30 Broadband for All in the Arctic? A Comparative Analysis of Alaska and Northern Canada

Heather Hudson, Affiliate Professor, Institute of Social and Economic Research (ISER), University of Alaska Anchorage, USA

14:00 Public-Private Partnerships: Unlocking the Arctic's Broadband Potential

Mr. Leonard Steinberg, Sr. Vice President, Regulatory & Government Affairs, Alaska Communications, Alaska, USA

14:30 Networking Break

15:00 Panel 2: Indigenous Perspectives: Technology and Broadband Access, Deployment & Potential In the Far North

Patrick Savok, Chief of Staff, Northwest Arctic Borough

- Ian Erlich, President of AKG Inc., Past-President Maniilaq Association, Technologist, Entrepreneur and Global Investor.
- Cheryl Stine, Executive Vice President, Arctic Slope Regional Corp.
- Debbie Brisebois, Executive Director Inuit Broadcasting Corporation
- Joshua Peter, Executive Director of Information Technology, Tanana Chiefs Conference
- Larry Kaplan, Director Alaska Native Language Center, Professor of Linguistics, University of Alaska Fairbanks
- Darrell Ohokannoak, Manager, Polarnet, Chair/President of Nunavut BroadBand Development Corporation

16:00 The Future Is Already Here. It Is Just Not Evenly Distributed

Alfonso Licata, President and CEO, ORION Networks, Canada

16:30 Connecting the Arctic: Inuit Perspectives on Broadband Development in the Arctic

J. Okalik Eegeesiak, Chair Inuit Circumpolar Conference Canada

17:00 Closing Remarks

Workshop: Community Healing & Wellness

15:00-17:00

Representing the Finnish Delegation:

Arja Rautio

Venue: Schaible Auditorium, University of Alaska Fairbanks Campus

Networking Reception: AIEA Thematic Forum and Arctic Broadband

17:30-19:30

Representing the Finnish Delegation:

Kati Anttila

Outi Koskinen

Kirsi Latola

Mirka McIntire

Terhi Mölsä

Elina Oksanen

Arttu Polojärvi

Arja Rautio

Venue: Wood Center, University of Alaska Fairbanks Campus

Arctic Seas in a Time of Change: Status, Trends, and Implications Within and Beyond the Arctic

18:00-20:00

Representing the Finnish Delegation:

Floris Goerlandt

Juha Kääriä

Venue: Schaible Auditorium, University of Alaska Fairbanks Campus

Fulbright Finland Delegation Exhibit

Tuesday and Wednesday, May 9-10

Wood Center, University of Alaska Fairbanks Campus

Showcasing the work of the delegation members and their institutions.
Schedule to meet and greet current and new partners at the stand!

Tuesday

May 9, 2017

08:00-17:00	I AM INUIT- Art Exhibit (<i>UAF Art Gallery</i>) (<i>open</i>)
08:00-17:00	International Arctic Assembly (<i>open</i>)
08:00-17:00	Arctic Broadband Forum
11:30-13:30	No-Host Lunch
17:30-19:30	Alaska's Arctic: Lives and Livelihoods Reception (<i>By Invitation Only</i>)
19:00-21:00	"We Breathe Again": A Documentary Film Screening



International Arctic Assembly

Representing the Finnish Delegation:

Full delegation

Venue: Davis Concert Hall, University of Alaska Fairbanks Campus

Introduction and Background

08:00 Welcome and Introduction

Larry Hinzman, Vice Chancellor for Research, University of Alaska Fairbanks

08:10 Traditional Welcome

08:15 University of Alaska Welcome

Dana Thomas, Chancellor, University of Alaska Fairbanks

08:20 Welcome to Alaska

Byron Mallott, Lieutenant Governor, State of Alaska (Invited)

Session A: Facilitating Collaboration in Arctic Science: The Role of the Interagency Arctic Research Policy Committee

08:30 Martin Jeffries, IARPC Executive Director

Session B: Fostering Knowledge Co-Production; Best Practices for Co-Management

09:15 Facilitator Welcome

Fran Ulmer, Chair, U.S. Arctic Research Commission

Panelists:

- Catherine Coon, Bureau of Ocean Energy Management, USA
- Raychelle Daniel, Dept. of Interior, USA
- Finn Danielsen, Nordeco, Denmark
- Reggie Joule, Kotzebue, USA
- Lene Kielsen Holm, Greenland Institute of Natural Resources, Greenland
- Rodd Laing, Nunatsiavut Government, Canada
- Mike Miller, Sitka Tribal Council, USA
- Greg Poelzer, University of Saskatchewan, Canada
- Atsushi Sunami, National Graduate Institute for Policy Studies, Japan

10:15 Break

10:30 Session B Continues

11:30 No-Host Lunch (*Dine 49, Wood Center*)

13:00 Session C: Arctic Infrastructure – Planning, Development, and Risk Mitigation

Panelists

- Tara Sweeney, Executive Committee Chair, Arctic Economic Development Council
- April Melvin, National Academy of Sciences
- Arne Instanes, Geotechnical Engineer, Instanes Polar
- Billy Connor, Alaska University Transportation Center
- Lori Parrott, Atmospheric Sciences, Sandia National Laboratories

15:00 Break

Session D: The Arctic: A Global Perspective

15:20 Climate and Security in a Changing Arctic

Mike Sfraga, Facilitator, Woodrow Wilson Center

15:25 The US Coast Guard's Role in a Changing Arctic: A National and International Perspective

Captain Hamilton, Commander of the USCG Cutter Healy

15:35 Iceland: Global Crossroads, Challenges, and Opportunities

Tomas Orri Ranarsson, Arctic Counselor, Office of the Foreign Minister, Iceland

15:45 Greenland – Opportunities in a Changing Arctic

Ms. Mira Kleist, Special Advisor, Department of Foreign Affairs, Greenland

15:55 The Arctic as a Venue for Sustained Economic Investment

Mr. Tero Vauraste, President and CEO, Arctia Shipping Ltd., and Chairman, Arctic Economic Council

16:05 US Chairmanship of the Arctic Council: Accomplishments and Transitions

Ambassador David Balton

16:15 Panel Discussion

16:35 Closing Remarks

Jim Johnsen, President, University of Alaska

16:45 In Person Closing Remarks

Larry Hinzman, Vice Chancellor for Research, University of Alaska Fairbanks

17:00 Adjourn

Arctic Broadband Forum

Venue: William Ransom Wood Center, University of Alaska Fairbanks

08:00 Continental Breakfast, Coffee, Tea

08:30 Welcome & Opening Remarks

Mr. Brian Rogers, Chair, Board of the University of the Arctic
Mr. Aaron Schutt, President & CEO, Doyon Native Corporation
Representative Zach Fansler, Bethel, Yukon-Kuskokwim Delta,
Alaska State Legislature

09:00 Keynote: Northeast Passage Arctic Connect Project

Jukka-Pekka Joensuu, Executive Advisor & CLO, Cinia Group

09:30 Together We Are Making Progress - The Future of Arctic Broadband

Tina Pidgeon, General Counsel, GCI, Alaska, USA

10:00 Networking Break

10:30 Satellites Are Still Cool!

Tom Heinrichs, Director Geographic Information Network of Alaska,
University of Alaska Fairbanks, USA

11:00 Expanding Business Opportunities through Broadband

Ms. Kristina Wilcox, Capitol Hill Consulting Group Executive
Director, Women's High Tech Coalition, USA

11:30 Decision Theatre North

Pips Veazey, Associate Project Director Alaska EPScoR
Dayne Broderson, Technical Services Manager, Geographic
Information Network of Alaska (GINA)

12:00 Networking Lunch

13:00 Panel 3: The Government's Role in Broadband Development in the Arctic: Opportunities & Challenges

Nils Andreassen, Executive Director, Institute of the North

- The Honorable Fran Ulmer, Chair, U.S. Arctic Research Commission, USA
- Jean-Pierre Blais, Chair Canadian Radio-TV Telecommunications Commission (CRTC), Canada
- Craig Fleener, Senior Advisor, Arctic Policy, Office of the Governor, State of Alaska
- Kristiina Pietikäinen, Director of Strategic Affairs for the Ministry of Transport and Communications, Finland

14:00 Challenges to Implementation of Telehealth in Northern Canada

Heather Exner-Pirot & Lorna Butler , International Centre for Northern Governance and Development, University of Saskatchewan, Canada

14:30 Networking Break

15:00 The Alaska Native Tradition of Creative Adaptation

Frank Odasz, President, Lone Eagle Consulting

15:30 Alaska Libraries Supporting Arctic Education Through Video Conferencing and More

Daniel Cornwall, OWL Program Manager / Internet and Technology Consultant Alaska State Library

16:00 SSI: Listening to the People We Serve

Lorraine Thomas, Community Outreach and Development, SSI Micro, Yellowknife, Canada

16:30 Arctic Broadband. Recommendations for an Interconnected Arctic: Arctic Economics Council Update

Mr. Robert McDowell , Former FCC Commissioner and Partner, Cooley LLP, USA

17:00 Closing Remarks

Alaska's Arctic: Lives and Livelihoods Reception

Representing the Finnish Delegation:

Full delegation

Venue: University of Alaska Fairbanks Museum of the North

17:30 Guests Are Invited to Visit Conversation Areas Led by:

John Hopson, Jr., Chair, Arctic Iñupiat Offshore
Sayers Tuzroylak, Sr., Chair, Voice of the Arctic Iñupiat

18:00 Leadership in the Arctic

Governor Bill Walker, State of Alaska (invited)
Jimmy Stotts, Inuit Circumpolar Council
Hans Neidig, Board Member, Institute of the North

18:30 Toast – Arctic Economic Council

Erling Kvadsheim, Norwegian Oil and Gas Association
Tara Sweeney, Outgoing Chair, Arctic Economic Council
Tero Vauraste, Incoming Chair, Finland, Arctic Economic Council

19:30 Adjourn



"We Breathe Again": A Documentary Film Screening

19:00-21:00

Representing the Finnish Delegation:

Floris Goerlandt
Outi Koskinen
Juha Kääriä

Venue: Goldstream Stadium 16 & IMAX Theater, 1855 Airport Way, Fairbanks

In a landscape as dramatic as its stories, *We Breathe Again* intimately explores the lives of four Alaska Native people, each confronting the impacts of intergenerational trauma and suicide.

Wednesday

May 10, 2017

08:00-17:00	I AM INUIT- Art Exhibit (<i>UAF Art Gallery</i>) (<i>open</i>)
08:00-11:45	Arctic Council Showcase (<i>open</i>)
09:00-15:30	Community-Based Monitoring Experience Exchange Workshop
09:30-14:30	The Northern Edge of Science - Seminar (<i>open</i>)
11:00-12:00	VAWS Webinar Series: Finland's Proposed Meteorological Cooperation Under the Arctic Council (<i>open</i>)
11:30-13:30	No-Host Lunch
12:00-13:00	I AM INUIT - Lunch Reception (<i>UAF Art Gallery</i>) (<i>open</i>)
13:30-17:00	Arctic Highlights Forum (<i>open</i>)
15:30-19:30	Engaging Community-based Monitoring in Decision-Making and Assessment: A Dialogue and Reception (<i>open</i>)
16:30-20:30	Fairbanks Community Celebration of the Arctic (<i>Downtown Fairbanks</i>)
17:30-19:30	Arctic Domain Awareness Center Annual Student Research - Poster Session (<i>Akasofu Building, West Ridge, Lobby</i>) (<i>open</i>)
19:00-20:00	Lessons from Iceland: How to Re-Invent an Economy - Community Talk (<i>2nd floor of the Worthington Building</i>) (<i>open</i>)



Community-Based Monitoring Experience Exchange Workshop

09:00-15:30

Representing the Finnish Delegation:

Arja Rautio

Venue: Akasofu Building, West Ridge, University of Alaska Fairbanks, Room 501

Engaging Community-based Monitoring in Decision-Making and Assessment: A Dialogue and Reception

15:30-19:30

Venue: Globe Room, Elvey Building, West Ridge, University of Alaska Fairbanks

Arctic Council Showcase

Representing the Finnish Delegation:

Kati Anttila	Kirsi Latola	Elina Oksanen
Outi Koskinen	Mirka McIntire	Arttu Polojärvi
Juha Kääriä	Terhi Mölsä	

Venue: Davis Concert Hall, University of Alaska Fairbanks Campus

08:00 Doors Open

08:30 Welcome

Drue Pearce and Karen Perdue, Co-Chairs, Program Committee
Craig Fleener, Office of the Governor

08:45 Working Group Outcomes

- Renée Sauve, Chair, Protection of the Arctic Marine Environment
- Roberta Burns, Chair, Sustainable Development Working Group
- Amy Merten, Chair, Emergency Preparedness, Prevention and Response
- Ulrik Westman, Chair, Arctic Contaminants Action Programme
- Martin Forsius, Chair, Arctic Monitoring and Assessment Program
- Reidar Hindrum, Chair, Conservation of Arctic Flora and Fauna

10:30 Break

10:45 Task Force and Expert Group Outcomes

Tina Pidgeon, Executive Vice President, GCI; Alaska Arctic Council
Host Committee

- Evan Bloom, Co-Chair, Scientific Cooperation Task Force (SCTF)
- Marcus Carson, Arctic Resilience Report (ARR)
- Joel Clement, Arctic Resilience Action Framework

11:45 Announcing the I AM INUIT Exhibit and Reception



VAWS Webinar Series: Finland’s Proposed Meteorological Cooperation Under the Arctic Council

11:00-12:00

Venue: Akasofu Building, West Ridge, University of Alaska Fairbanks, Room 401

The Northern Edge of Science - Seminar

09:30-14:30

Venue: Wood Center, University of Alaska Fairbanks Campus

10:00 “The Nansen Legacy”

Nils Christian Stenseth, Professor at the University of Oslo

10:45 Compensation for Non-Economic Loss

Gunther Handl, Professor at the Tulane Maritime Law Center

11:30 The Measure of Impact of Pollution in Russia

Kristoffer Svendsen, Postdoctor at the Arctic University of Norway

12.15 Lunch (*Dine 49, Wood Center*)

13:15 Reindeer and Caribou Herds

The Comparative Institutions Approach to Wildlife Economics

Dean Lueck, Professor at the Indiana University Bloomington

14.00 Regulating the Quest for Knowledge

Erik Røsæg, Professor at the University of Oslo

14.30 Adjourn



I AM INUIT - Reception

12:00-13:00

Venue: UAF Art Gallery



Share the Arctic conversation on social media
#FulbrightFINGoesArctic!

Arctic Highlights Forum

Representing the Finnish Delegation:

Kati Anttila

Mirka McIntire

Arttu Polojärvi

Juha Kääriä

Terhi Mölsä

Kirsi Latola

Elina Oksanen

Venue: Davis Concert Hall, University of Alaska Fairbanks Campus

13:30 Welcome by Brian Rogers, Veronice Slajer and Mead Treadwell State of Alaska Introduction

Lieutenant Governor Byron Mallott

Indigenous Knowledge Roundtable

Evon Peter, University of Alaska Fairbanks

- Dr. Rane Willerslav, University of Aarhus
- Dr. Henry Huntington, Huntington Consulting
- Svein Disch Mathiesen, International Centre for Reindeer Husbandry

15:00 The Álgu Fund

Jim Gamble, Aleut International Association; Chair, The Álgu Fund
Sam Alexander, Gwich'in Council International

15:15 Congressman Don Young

15:20 Arctic Shipping Best Practice Forum

Michael Kingston, Managing Director, Kingston Associates

15:35 WWF Arctic Council Scorecard

Alexander Shestakov, WWF Arctic Program

16:05 Meteorological Cooperation in the Arctic

Prof. Juhani Damski, Director General, Finnish Meteorological Institute

16:35 Arctic Council Secretariat Update

Magnús Jóhannesson, Executive Director

17:00 Adjourn

Thursday

May 11, 2017

- 08:00-17:00 Arctic 2030 - Projecting Challenges Facing Arctic Maritime Operators - Workshop (*Elvey Globe Room and Elvey Auditorium*) (*By Invitation Only*)
- 09:00-10:00 Aerospace Opportunities in Alaska & the Arctic - Workshop (*Akasofu Building, West Ridge, Room 501*) (*open*)
- 09:00-12:00 One Health Concerns in a Changing Arctic - Workshop
- 09:00-12:00 What Is the Arctic We Need to Sustain the Global Climate System? - Workshop
- 10:00-11:00 Opportunities in the Arctic: Geophysical Research - Workshop (*Akasofu Building, West Ridge, Room 501*) (*open*)
- 11:30-13:30 No-Host Lunch
- 13:00-17:30 Arctic Council Ministerial Meeting (*closed*)
- 13:30-17:00 Livestream: Handover of the Arctic Council Chairmanship (*Ballroom, Wood Center*)
- 15:00-16:00 Locally-based Participatory Monitoring - Workshop (*Room 401, Akasofu Building*) (*open*)
- 18:00-21:30 "Taking Flight" Closing Reception (*CTC Aviation Hangar, East Ramp, Fairbanks International Airport*)
- 19:00-21:00 From Northern to National News: The Challenges of Covering a Changing Arctic



One Health Concerns in a Changing Arctic - Workshop

09:00-12:00

Representing the Finnish Delegation:

Arja Rautio

Venue: Rooms 103/105, Margaret Murie Building, 982 Koyukuk Drive

- A. Introduction, workshop agenda and goals
- B. Social and Cultural Concerns for Indigenous Peoples in a Changing Arctic; Healthy Dogs, Healthy Communities,
- C. Community Observers of Ecosystem Health in a Changing Arctic

What is the Arctic We Need to Sustain the Global Climate System? - Workshop

09:00-12:00

Representing the Finnish Delegation:

Kati Anttila	Terhi Mölsä
Floris Goerlandt	Elna Oksanen
Juha Kääriä	Arttu Polojärvi
Mirka McIntire	

Venue: Auditorium, Margaret Murie Building, 982 Koyukuk Drive



Handover of the Arctic Council Chairmanship

13:00-17:30

Representing the Finnish Delegation:

Outi Koskinen

Livestream of the Handover: Open event

Venue: Ballroom, Wood Center, University of Alaska Fairbanks Campus



From Northern to National News: The Challenges of Covering a Changing Arctic

19:00-21:00

Representing the Finnish Delegation:

Floris Goerlandt
Outi Koskinen

Venue: Raven Landing (Hall) 949 McGown St, Fairbanks, AK 99701



“Taking Flight” - Closing Reception

18:00-21:30

Representing the Finnish Delegation:

Full delegation

Venue: CTC Aviation Hangar, East Ramp, Fairbanks International Airport

Friday

May 12, 2017

08:00-12:00	Arctic 2030 - Projecting Challenges Facing Arctic Maritime Operators - Workshop (<i>Elvey Globe Room and Elvey Auditorium, Elvey Building, West Ridge</i>) (By Invitation Only)
09:00-14:00	One Health Concerns in a Changing Arctic - Workshop
11:30-12:30	No-Host Lunch
12:30	Departure for Site Visit
13:00-15:30	Site Visit to the Alaska Center for Energy and Power (ACEP), Tour of the Energy Technology Facility (<i>814 Alumni Drive</i>)
15:30-16:30	Study Tour Debriefing Meeting and Action Plan
18:00	Study Tour Closing Dinner at Bistro Lavelle's (<i>575 1st Ave</i>)



One Health Concerns in a Changing Arctic - Workshop

Representing the Finnish Delegation:

Arja Rautio

Venue: Rooms 103/105, Margaret Murie Building, 982 Koyukuk Drive

09:00 A. The effects of climate change on subsistence food safety, environmental toxin flow in the subsistence food web, and zoonotic diseases in the circumpolar Arctic

11:00 B. Wrap-up Session

- What has come out of this workshop?
- Where do we go from here?

Breakout Session Objectives:

- Community engagement
- Identifying stakeholders
- Identifying research objectives/projects

13:00-15:30 **Site Visit to the Alaska Center for Energy and Power (ACEP),
Tour of the Energy Technology Facility**
Host: Gwen Holdmann

15:30-16:30 **Study Tour Debriefing Meeting and Action Plan**
 » Feedback and Evaluations
 » Outcomes
 » Conclusions
 » Discussion of Participation at Key Arctic Conferences and
 Meetings
 » Next Steps

18:00 **Study Tour Closing Dinner at Bistro Lavelle's**
SpringHill Suites by Marriott Fairbanks
575 1st Ave, Fairbanks, AK 99701

The Alaska Center for Energy and Power

The Alaska Center for Energy and Power (ACEP) is an applied energy research program based at the University of Alaska Fairbanks. ACEP provides leadership in developing energy systems for islanded, non-integrated electric grids and their associated oil-based heating systems.

Working across campuses and pulling from the University's extensive resources and expertise, ACEP is interdisciplinary, needs-driven, and agile. ACEP has also developed a wide range of partnerships outside the University at the local, state, national and international level to ensure research conducted through ACEP will be relevant, current and world class.

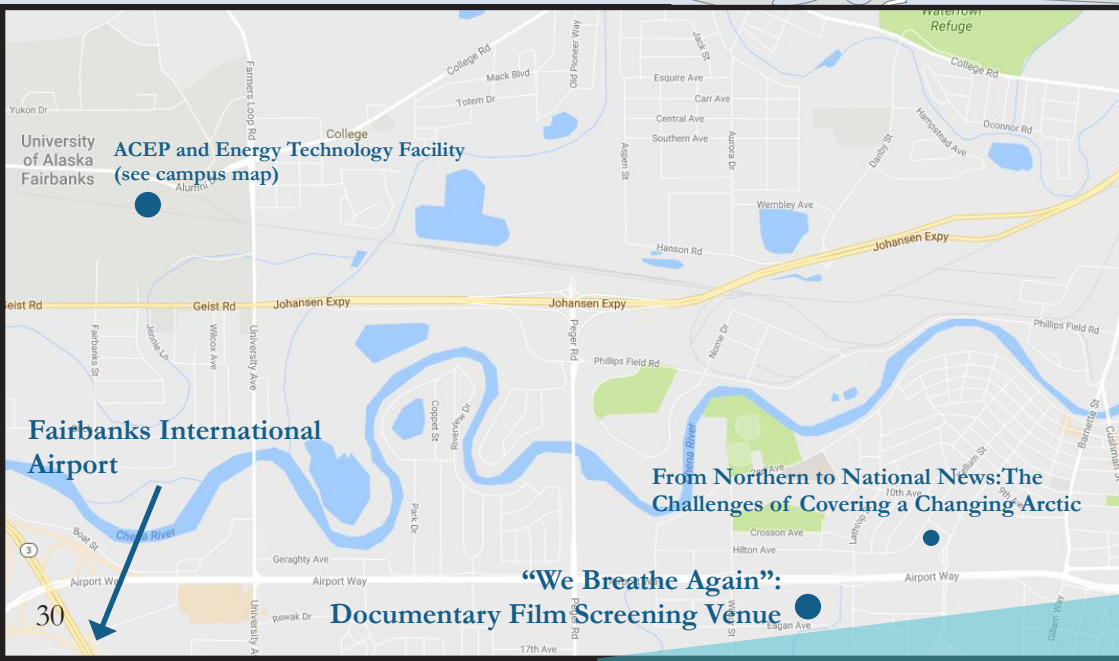


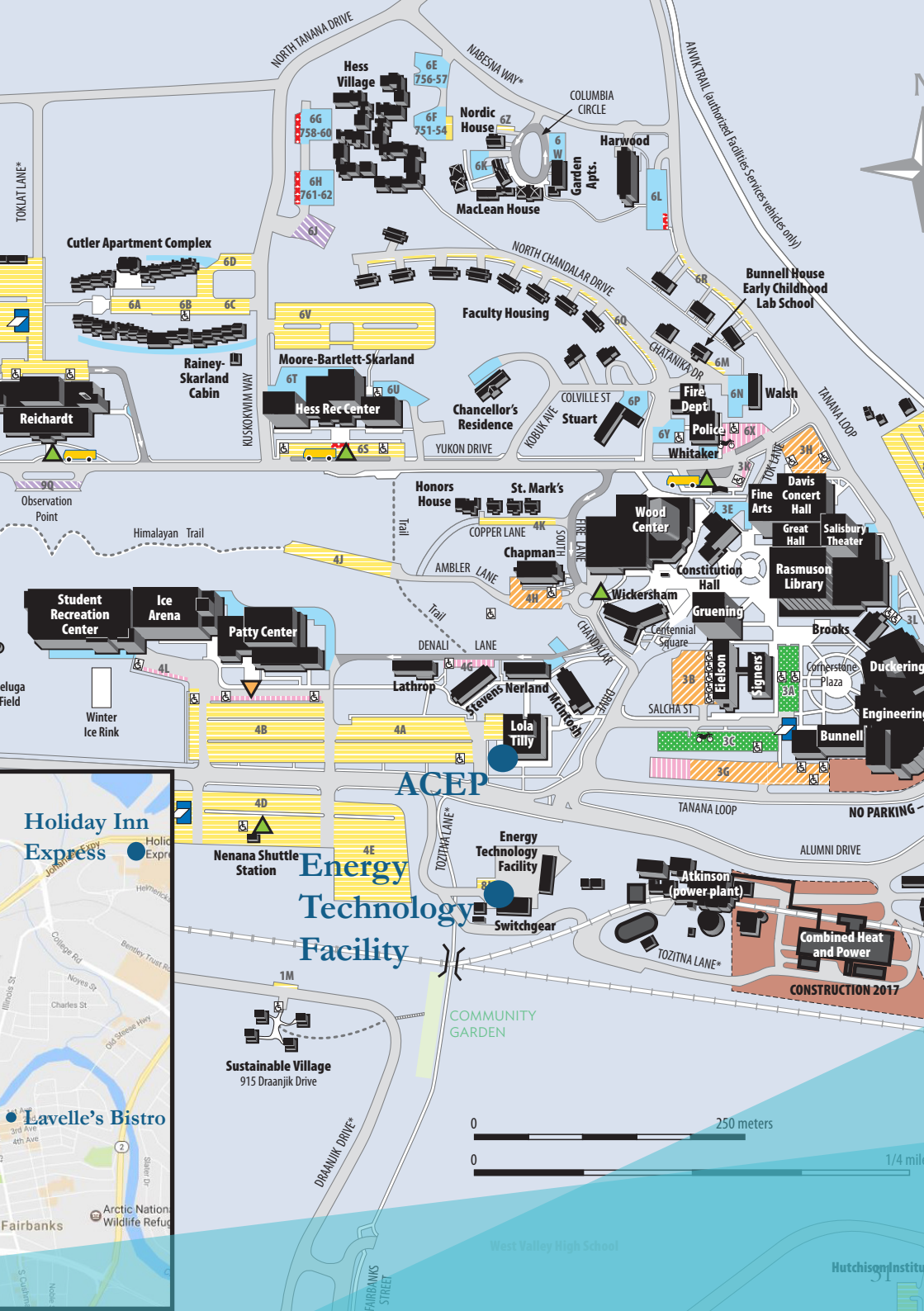
Gwen Holdmann

Fulbright Arctic Initiative Fellow 2015-2016

Gwen is the Director of the Alaska Center for Energy and Power, an applied energy research program based at the University of Alaska Fairbanks which focuses on community-scale fossil and renewable/alternative energy technologies with a special emphasis on delivering affordable energy to remote communities.

UAF FAIRBANKS CAMPUS





Holiday Inn
Express

Lavelle's Bistro

ACEP
Energy
Technology
Facility

Sustainable Village
915 Draanjik Drive

0 250 meters

1/4 mile



Fulbright Finland Foundation

The Fulbright Finland Foundation is an independent not-for-profit based in Helsinki, Finland. Its purpose is to promote a wider exchange of knowledge and professional talents through educational contacts between Finland and the United States. The Foundation collaborates with a range of government, foundation, university and corporate partners on both sides of the Atlantic to design and manage study and research scholarships, leadership development programs and internationalization services.

In 2016 the Fulbright Finland Foundation awarded over EUR 1,4 million in grants to 94 Finnish and American researchers, students, and professionals. Additionally, Fulbright Finland responded to over 5600 client contacts (38% of which were international education professionals) and organized or participated in over 100 training events around Finland.

Fulbright Finland supports the internationalization of education and research in Finland, and helps U.S. and Finnish institutions create linkages. Under its Internationalization Services the Foundation organizes themed study tours to the United States for Finnish higher education experts, runs the highly popular Fulbright Speaker Program, the Fulbright Dialogues series, and the Transatlantic Roundtables, as well as organizes two national Fulbright Seminars every year.

In 2016, Fulbright Finland hosted the Plenary Week of the inaugural Fulbright Arctic Initiative program in collaboration with the Thule Institute of the University of Oulu for participants from all eight Arctic Council countries, and served as the host of the 2016 European Fulbright Conference: Crossing Borders for Global Partnerships.

The Foundation is funded by the Finnish Ministry of Education and Culture, the U.S. Department of State, the Finland-America Educational Trust Fund, private foundations, Finnish and U.S. higher education institutions, alumni of the Fulbright Finland programs, and private donors. Over 70% of the Foundation's core funding originates from Finland, and advancement, fundraising and sponsored grants are a central part of the operation. A key strength of the commission is the consistent strategic engagement of the alumni. 5500 Finns and Americans have received a grant from the Finnish-American program since its inception in 1949 and the Fulbright Finland Foundation runs an active and rapidly growing alumni network in both countries.

The Board of Directors of the Fulbright Finland Foundation consists of eight members appointed by the Finnish Ministry of Education and the U.S. Embassy in Finland. The U.S. Ambassador to Finland serves as the Honorary Chair of the Board. The Foundation office in Helsinki, the Fulbright Center, is managed by the Foundation's CEO together with a staff of six.

Kati Anttila

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Kati Anttila is a Research Scientist at the Finnish Meteorological Institute. She is working in a group that focuses on developing remote sensing based methods for meteorological and climatological applications. Anttila has been involved in several projects and field campaigns studying snow geophysical properties and developing validation methods for optical satellite data. The new developed methods include topics such as using terrestrial laser scanning data and plate photography to study snow surface properties, such as surface roughness. Currently she is working in a project called the Satellite Application Facility on Climate Monitoring (financially supported by EUMETSAT), where she is the board member representing the FMI team responsible for the surface albedo products.

Anttila joined the Finnish Meteorological Institute in May 2009 and worked half time in the Finnish Geodetic Institute (now Finnish Geospatial Research Institute of the National Land Survey of Finland) for the first five years. She is author of 16 peer reviewed journal papers and 7 conference papers. Currently she is finalizing her snow related PhD studies at the University of Helsinki.

Before working at the Finnish Meteorological Institute Anttila worked in a private sector company with Geographic Information System data.

Anttila graduated in 2006 as a Master of Philosophy from the University of Helsinki (Geography). Anttila's Master's Thesis was concerned with geomorphology of Savitaipale Municipality, Southern Finland (boreal forest zone).

Floris Goerlandt

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Floris Goerlandt is a post-doctoral researcher in the Research Group on Maritime Risk and Safety at the Marine Technology Unit of Aalto University School of Engineering. He is also project manager of BONUS STORMWINDS “Strategic and Operational Risk Management of Wintertime Maritime Transportation System”, a Flagship Project of the European Union Strategy for the Baltic Sea Region.

Floris Goerlandt has obtained a M.Sc. in electro-mechanical engineering with a minor in marine technology from Ghent University in Belgium. Subsequently, he obtained a second M.Sc. in maritime sciences from Antwerp University in Belgium. After graduation, he gained experience in industry as a hull approval engineer and as ship surveyor on ships in operation and in repair and newbuilding shipyards in Singapore and China. In 2009, he joined Aalto University in Finland where he obtained a D.Sc. (Tech.) in maritime technology, with a focus on maritime risk analysis and management. After a post-doctoral research period at the Catholic University of Leuven (Belgium), he returned to Finland where he is a senior researcher in the research group.

His research currently focuses on maritime risk analysis and management, with applications related to oil spill response preparedness planning and development of tools for post-accidental oil spill response, focusing on winter conditions in the Northern Baltic Sea. Other research interests include uncertainty treatment in risk analysis, validation of risk analysis, ship performance in ice, navigational near miss incident detection and analysis, safety management and safety engineering. His work aims to support maritime policymaking and to provide science-based solutions for industrial and regulatory stakeholders, while contributing to generic issues in risk and safety research.

In addition to performing research and managing research projects, Floris Goerlandt also performs educational tasks related to master-level course teaching and instruction of M.Sc. and D.Sc. students during their thesis work. Finally, he is an active member of the Applied Risk Management Specialty Group of the Society for Risk Analysis and the ICES Working Group on Maritime Risks in the Baltic Sea.

Outi Koskinen

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Outi Koskinen currently works as a Communications Officer at the Department for Communications at the Ministry for Foreign Affairs of Finland. She has a long experience in the field of Communications, especially of the civic information on EU issues.

At the moment she works in the Unit for Communications on Europe and Neighbouring Areas. The Unit is responsible for the Ministry's external and internal communications and public diplomacy associated with Europe, Russia and Central Asia, and for their strategic planning, development and coordination in cooperation with other departments and diplomatic missions.

Outi's tasks include mainly working with digital content on EU and arctic issues. Foreign Ministry prepares for the Finnish Chairmanship in the Arctic Council. Finland's Chairmanship will be coordinated by an Arctic Team at the Ministry and the Unit for Communications on Europe and Neighbouring Areas supports the Team with the communication issues.

Outi's unit works with the arctic issues from the country brand point of view as well, including organizing international visits by journalists and experts. Outi has Master of Arts from the University of Tampere.

Juha Kääriä

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Juha Kääriä (56) has studied in the University of Turku in Southwest Finland and graduated (PhD) in 1999. His background is fisheries and water biologist. He is a specialist in applied environmental sciences and he has more than 30 years' working career. He has over 60 publications on these topics, many of them in international journals.

Juha Kääriä's working career includes Planning Officer responsible for water and fisheries issues in the Environmental Office in the City of Turku (1987-1999). From 2000 to 2003 he worked as Research Manager in Turku Region Water Ltd responsible for environmental research connecting to artificial groundwater project for 300 000 inhabitants in Turku region.

From 2004 to 2014 he has been working in Turku University of Applied Sciences (TUAS) as Research and Development Manager in the Faculty of Technology, Environment and Business. His main duty was to lead a wide environmental expertise program financed mainly by different European Union financial programmes. In every project a practical connection with university students is an important principle (Innovation Pedagogy).

From 2015 he has been working in TUAS as Head of Education and Research in the Faculty of Technology, Environment and Business. His present duty is to lead the Department of Construction, Environment and Energy which consists more than 600 students and five research groups (www.tuas.fi: Water engineering, Civil Engineering, Energy and the Environment, Indoor environment, Resource-efficient business).

Kirsi Latola

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Over the past ten years Kirsi Latola has worked as a research coordinator at the Thule Institute at the University of Oulu and managed several national and international projects on research, knowledge sharing including organising several international events and graduate education. She has managed the University of the Arctic (UArctic) Thematic Networks strategic area since 2005 and is now acting as a Director of Thematic Networks. In addition to her work for UArctic and supporting the other research projects and proposals she is leading the transnational access work package in INTERACT - International Network for Terrestrial Research and Monitoring in the Arctic (FP7, 2011-15 and H2020 2016-2020) and a task on stakeholder consultations in a EU-PolarNet project on Polar Research coordination (H2020, 2015-2019). Kirsi is also Thule Institute's representative at the European Polar Board and has represented UArctic in Arctic council working groups and task forces, latest being the Task force on science co-operation.

In addition to international level Kirsi has led and participated several Nordic projects, current one being a project focusing on Arctic youth. Currently she is also a contact person in Nordic University network and collaboration between five Universities; Umeå University, Luleå Technical University, UiT The Arctic University of Norway in Tromsø, University of Lapland and University of Oulu.

Prior to the work at the Thule Institute Kirsi completed her education at the University of Oulu, department of Biology (botany). She defended her PhD thesis, Kirsi Laakso: "Effects of ultraviolet-B radiation (UV-B) on needle anatomy and glutathione status of field-grown pines" in 2000. Part of the doctoral work was conducted at the University of Maryland, USA.

Mirka McIntire

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Mirka McIntire works as Manager of Teacher Exchange and Education Programs at the Fulbright Finland Foundation. She is responsible for the promotion, administration and development of the Fulbright Distinguished Awards in Teaching Program, the Fulbright Mid-Career Professional Development Program for Finns, the Study of the U.S. Institutes for Scholars and Secondary School Educators, and the Fulbright Specialist program.

She is a member of the communications team and also coordinates orientation seminars for the U.S. Fulbright grantees, as well as events and programs related to strategic themes, such as the Arctic, education and migration. Together with the Fulbright Finland team and program partners in Finland and the U.S., she has helped organize the European Fulbright Conference in Helsinki, Fulbright Arctic Initiative plenary week and Symposium in Oulu, multidisciplinary Fulbright Forum on Education, Innovation, Science and Art in Jyväskylä, as well as a Capacity-Building Workshop on Attracting U.S. Students to Finland.

Prior to joining Fulbright Finland, Mirka worked as Education and Exchange Programs Coordinator at the U.S. Embassy Helsinki. She has also worked as Senior Program Associate at the Institute of International Education in San Francisco, Information Specialist at the Bureau of National Affairs in Rockville, MD., and interned at the Delegation of the European Commission in Washington, D.C.

Mirka has a Master's degree in International Relations and European Studies from the University of Kent at Canterbury, U.K., and a Bachelor's degree in International Business Administration from the former Helsinki School of Economics (now part of the Aalto University).

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Terhi Mölsä is the Chief Executive Officer of the Fulbright Finland Foundation since 2016, and Executive Director of the Finland-U.S. Educational Exchange Commission since 2002.

The Fulbright Finland Foundation is a Helsinki-based not-for-profit promoting a wider exchange of knowledge and professional talents through educational contacts between Finland and the United States. As CEO, Terhi Mölsä is responsible for the strategic development of the Foundation and is in charge of all staff, finance and organizational matters, alumni and public affairs, development and fundraising. In 2016, the Foundation awarded over USD 1.55 million in grants to 94 grantees, served over 5,600 client contacts, organized the international Fulbright Arctic Week in Oulu for researchers from all Arctic Council member countries, and the 2016 European Fulbright Conference in Helsinki with participants from over 40 countries. Since its inception in 1949, over 5500 Finns and Americans have received a grant from the Finnish-American program and the Foundation runs an active alumni network in both countries.

A former journalist, Terhi Mölsä has nearly 30 years of professional experience in higher education internationalization, initially at the University of Tampere, Finland, where she helped launch their European mobility programs, and at the national level serving Finnish Ministry of Education agencies and Fulbright in various capacities. With a Bachelor's in Russian and a Master's in International Relations, she has studied and conducted research with scholarship awards in Estonia, Russia, and the United States. She has served as a consultant, trainer, and curriculum developer on strategic leadership and management in international education in Europe and the United States, and organized and chaired international conferences in several European countries. She is Past Chair of European Fulbright Directors, and serves on Boards and leadership positions both in Finland and internationally.

Elina Oksanen

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Elina Oksanen is the Professor in plant physiology and biotechnology at the Department of Environmental and biological sciences, University of Eastern Finland (UEF). Her research focus is on impacts of climate change and environmental stress factors on plants, particularly northern forest trees and arctic treeline ecosystems. As a vice dean, she is responsible for the development of education at UEF.

Oksanen graduated in 1992 in University of Helsinki as a Master of Science. Her PhD thesis in 1996 concerned impact of increasing tropospheric ozone on silver birch. After the PhD degree, Oksanen worked as a post doctoral researcher in Michigan Technological University (USA), and made research visits to the Swiss Federal Institute for Forest, Snow and Landscape Research (Switzerland) and Tokyo University of Agriculture and Technology (Japan). Before the professorship in 2004, she worked as Academy researcher by Academy of Finland. Oksanen has led 14 research projects and has supervised 14 doctoral theses and 10 post doctoral researchers. Her publication record includes 140 scientific papers.

Oksanen has been acting as expert evaluator for research proposals in European Commission and several European countries and in Russia. She has a position of trust in the Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES), European Plant Science Organization (EPSO), IUFRO (International Union of Forest Research Organizations), and Intergovernmental Panel on Climate Change (IPCC).

Arttu Polojärvi

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Arttu Polojärvi works as an assistant professor of ice mechanics in Aalto University, Department of Applied Mechanics. He started in 2013, prior to which he worked as a post-doctoral researcher in Sustainable Arctic Marine and Coastal Technology (SAMCoT) Centre of Excellence, based in Norwegian University of Science and Technology.

Polojärvi works in the Aalto University Arctic Technology Group and he is specialized in numerical ice mechanics. The group develops ice mechanics simulation tools, which are based on discrete element and combined finite-discrete element methods. They use the tools to also analyze complex ice loading processes with an aim to understand the fundamental mechanics behind these processes.

The group uses Aalto Ice Tank for validation of the numerical work. Aalto Ice Tank is a square 40-by-40-meter ice basin that can be used for experimental work on Arctic technology, and allows testing on ice loads on wide structures, waves in ice, and maneuvering of ships in ice. The basin is world-unique in shape and size and as such allows unique experimental work.

Polojärvi is a member of the International Association for Hydraulic Research (IAHR) Ice Research and Engineering Committee and the International Ship and Offshore Structures Congress (ISSC) Technical Committee on Arctic Technology. He lectures courses related on applied and ice mechanics in Aalto University when not working with the doctoral students of his group.

Arja Rautio

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Arja Rautio, research professor, MD, PhD, Eurotox ERT, has been working in the field of circumpolar health since 2006 in the Thule Institute and Faculty of Medicine, University of Oulu.

Her research interests are on climate change, environmental health, risk assessment, and indigenous health and wellbeing. She is acting as a chair of the University of the Arctic Thematic Network of Health and Wellbeing in the Arctic (www.uarctic.org), and a leader of the international Master's and Doctoral programs on Circumpolar Health and Wellbeing. Dr Rautio is working as a member in the Human Health Expert groups of the Arctic Monitoring and Assessment Programme (www.amap.no) and a co-chair of the Sustainable Development Working Group (www.sdwg.org).

She has been nominated as a national member to the Social and Human Sciences Group of the International Arctic Science Committee (<http://iasc.arcticportal.org>). She is a chair of the Nordic Society of Circumpolar Health. At the moment the main research projects are concerning Research Ethics in Sami and First Nations, Structural Racism, Marginalization and Human-Environment Relationships.

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