

Day 2, Tuesday, 09 June 2015

Sessions on Tuesday 9.6.2015, Ståhlberg

One Health Symposium (Ståhlberg)

Chair: Alan Parkinson, CDC Arctic Investigations Program, USA

Co-Chair: Emily Jenkins, University of Saskatchewan, Canada

- 11:00 Parkinson Alan, CDC Arctic Investigations Program, USA: Moderator Introduction.
- 11:15 Berner James, Alaska Native Tribal Health Consortium, USA: “One Health”: A useful model for the development of a village-based environmental monitoring program to detected established and emerging threats to rural food and water safety in Rural Alaska communities.
- 11:30 Brubaker Michael, Alaska Native Tribal Health Consortium, USA: The Alaska One Health Group.
- 11:45 Jenkins Emily, University of Saskatchewan, Canada: One Health in the Canadian North – priorities, perceptions, and programs.
- 12:00 Asbjorn Brandt, Chief Veterinary and Food Officer, Veterinary & Food Authority Government of Greenland, Greenland: One Health: the Greenland Perspective.
- 12:15-12:30 Glasser Joshua: Department of State, USA: Operationalizing One Health in the Arctic: Towards an operational norm.

Infectious Diseases I (Ståhlberg)

Chair: Michael Bruce, Centers for Disease Control and Prevention, Anchorage, USA

Co-Chair: Korie Hickel, Alaska Native Tribal Health Consortium, USA

- 14:00 Hennessy Thomas, CDC Arctic Investigations Program, USA: Water, Sanitation and Health in the Circumpolar North: Addressing a long-standing health disparity.
- 14:15 Thomas Timothy, Alaska Native Tribal Health Consortium, USA: Impact of In-home Water Service on the Rates of Infectious Diseases: Results from Four Communities in Western Alaska.
- 14:30 Hickel Korie, Alaska Native Tribal Health Consortium, USA: Alaska Native Consumers of Modern Sanitation Services Provide Insights to Inform Infrastructure Designs and Health Promotion Planning.
- 14:45 Bruce Michael, Centers for Disease Control and Prevention, USA: Epidemiology of Haemophilus influenzae serotype A from 2000-2013, an emerging pathogen in Northern Canada and Alaska.
- 15:00 Li Yuanyuan, Public Health Agency of Canada, Canada: Antimicrobial Susceptibilities of Isolates from Patients with Invasive Bacterial Diseases in Northern Canada.
- 15:15 Bruce Michael, Centers for Disease Control and Prevention, USA: The Epidemiology of Invasive Group A Streptococcal Infections in the North American Arctic, 2000-2012.

15:30-15:35 Jenkins Emily, University of Saskatchewan, Canada: Toxoplasmosis in wildlife and people in the Canadian Arctic. (5 min)

Infectious Diseases II (Ståhlberg)

Chair: Birgitta Evengård, Umeå University, Sweden

Co-Chair: Yalda Jafari, Government of Northwest Territories, Canada

- 16:00 Gounder Prabhu, Centers for Disease Control and Prevention, USA: Summary of Current Viral Hepatitis Surveillance, Treatment, and Prevention Programs in Arctic Countries.
- 16:15 McMahon Brian, Alaska Native Tribal Health Consortium, USA: New Prospects for Hepatitis C Treatment and New WHO Guidelines for the Management of Hepatitis B and C.
- 16:30 Osiowy Carla, National Microbiology Laboratory, Public Health Agency of Canada, Serological and Molecular Epidemiological Outcomes after Two Decades of Universal Infant Hepatitis B Virus (HBV) Vaccination in Nunavut, Canada.
- 16:45 Simons-Petrusa Brenna, Alaska Native Tribal Health Consortium, USA: Preliminary association of hepatitis B-specific, immune-mediated inflammatory responses with chronic hepatitis B disease activity. (5 min)
- 16:50 Jafari Yalda, Government of Northwest Territories, Canada: Network analysis of chlamydia and gonorrhoea in the Northwest Territories, 2014.
- 17:05-17:20 Bjorn-Mortensen Karen, Staten Serum Institut, Denmark: Tuberculosis outbreak in East Greenland. Groups at risk in an isolated arctic setting.

Sessions on Tuesday 9.6.2015, Merikoski

AMAP Report (Merikoski)

Chairs: Jon Øyvind Odland, Arctic University of Norway, Norway and Jennifer Gibson, Health Canada, Canada

11:00-12:30 AMAP Report – chapters – lead writers 15-20 min/chapter

Odland Jon Øyvind, AMAP HHAG, Human exposure to pollutants and their health endpoints.

Environmental contaminants I (Merikoski)

Chair: Dudarev Alexey, Northwest Public Health Research Center, Russia

Co-Chair: Manhai Long, Aarhus University, Denmark

14:00 Eugenia Dushkina, Northwest Public Health Research Center, Russia: Metal content in water sources and in drinking water in the industrial cities of Murmansk oblast, Russian Arctic.

14:15 Alexey Dudarev, Northwest Public Health Research Center, Russia: Metal content in local foods in Pechenga district of Murmansk oblast, Arctic Russia.

14:30 Eva Bonefeld-Jorgensen, Centre for Arctic Health, Denmark: Lifestyle factors and dietary habits among pregnant women in Greenland.

14:45 Gina Muckle, Université Laval; Quebec CHU Research Center, Canada: Prenatal exposure to Hg and cognitive development: evidence that beneficial effect from maternal DHA intake can obscure adverse Hg effects.

15:00-15:05 Kostick Marylynne, Alaska Department of Fish and Game, Division of Subsistence, USA: Regional Differences in Subsistence Practices and Exposure to Environmental Contaminants and Nutrients in Alaska's Yukon-Kuskokwim Delta. (5 min)

Environmental contaminants II (Merikoski)

Chair: Pierre Ayotte, Laval University, Canada

Co-Chair: Maria Kummu, University of Oulu, Finland

16:00 Jeppesen Charlotte, Aarhus University, Greenland: Association between whole blood mercury and glucose intolerance among adult Inuit in Greenland.

16:15 Ayotte Pierre, Laval University, Canada: Twenty-five years of research on environmental contaminants in Nunavik.

16:30-16:45 Jardine Cindy, University of Alberta, Canada: Arsenic and old mines: Trust in risk communication about the Giant Mine Remediation Plan in the Canadian Northwest Territories.

Sessions on Tuesday 9.6.2015, Linna

Indigenous Health I: "Health Status overview" (1) (Linna)

Chair: Kami Kandola, Government of the Northwest Territories, Canada

Co-Chair: Maria Furberg, Umeå University, Sweden

- 11:00 Minnie Grey, Inuit Circumpolar Council (ICC), Canada: The Circumpolar Inuit Health Strategy 2010-2014: a strategic initiative to improve Inuit health and wellness across the Arctic.
- 11:15 DeLancey Debbie, GNWT-HSS, Canada: Funder Collaborative Model for On-the-Land Healing Programs in the Northwest Territories: The Importance of Partnerships with Aboriginal Governments.
- 11:30 Furberg Maria, Umeå University, Sweden: In the light of change: Correspondence between observational data and perceptions of climate in Northern Sweden - a mixed methods study.
- 11:45 Kandola Kami, Department of Health, Government of the Northwest Territories, Canada: Improving Healthy Living in the Northwest Territories Through Chronic Disease Prevention and Screening (CDPS).
- 12:00 Aslibekyan Stella, University of Alabama at Birmingham, USA: DNA methylation patterns are associated with n-3 fatty acid intake in Yup'ik people.
- 12:15 Edmunds-Potvin Sharon, Nunavut Tunngavik Incorporated, Canada: Health Research in Nunavut: An Inuit Governance Perspective. (5 min)
- 12:20-12:35 Sheppard Amanda, The Hospital for Sick Children, Canada: Disparities in infant mortality, stillbirth, and preterm birth among First Nations, Inuit, and Métis populations in Canada.

Indigenous Health II: "Mental Health and Bereavement" (Linna)

Chair: Jon Petter Stoor, Sámi Norwegian National Advisory Board on Mental Health and Substance Abuse, Norway

Co-Chair: Heidi Eriksen, University of Oulu, Finland

- 14:00 Ellsworth Leanna, Inuit Circumpolar Council (ICC), Canada: Mapping Inuit Mental Health and Wellness on the Atlas of Community-Based Monitoring (CBM) and Traditional Knowledge in a changing Arctic.
- 14:15 Edin-Liljegren Anette, Centre for Rural Medicine, County Council of Västerbotten, Storuman/Department of Nursing, Arcum, Umeå university, Sweden: Experiences of Mental Health Treatment among Young Sami in Sweden.
- 14:30 Silviken Anne, Centre for Sami Health Research, University of Tromsø - The Arctic University of Norway/Sámi Norwegian National Advisory Unit on Mental Health and Substance Use, Norway: Sudden and unexpected death in Sámi areas in Norway - A qualitative study of the significance of religiosity in the bereavement process.

14:45 Berntsen Gro, Resource Centre on Violence, Traumatic Stress and Suicide Prevention, University Hospital of North Norway, Norway: Challenges in the encounter with local support services for bereaved after sudden and unexpected death in Sami areas in northern Norway.

15:00-15:15 Larssen Marianne, Resource Centre on Violence, Traumatic Stress and Suicide Prevention, University Hospital of North Norway, Norway: Provided assistance from local support services after sudden and unexpected death in Northern Norway (In progress).

Indigenous Health III: “Life Spectrum and Relationships” (Linna)

Chair: Rhonda M. Johnson, University of Alaska Anchorage, USA

Co-Chair: Yury Sumarokov, Arctic University of Norway, Norway

16:00 Mearns Ceporah, Qaujigiartiit Health Research Centre, Canada: 'Makimautiksat': Building a Foundation Within One's Self: An evidence-based youth wellness and empowerment intervention for Nunavut youth.

16:15 Minde Gunn, Harstad University College, Norway: Sami Elders – two films about how to manage life in old age in the Arctic.

16:45-16:50 Morton Ninomiya Melody, Memorial University, Canada: Visual graphics as a tool for communication and relationship building. (5 min)

Sessions on Tuesday 9.6.2015 Nukuttaja-Näyhä

Session I, Working in the Circumpolar Regions; Accidents and Injuries (Nukuttaja-Näyhä)

Chair: Hannu Rintamäki, Finnish Institute of Occupational Health, Finland

Co-Chair: Nathaniel Pollock, Labrador Institute of Memorial University, Canada

- 11:00 Mänttari Satu, Finnish Institute of Occupational Health, Finland: Thermal responses of workers in Arctic open-pit mines in the winter.
- 11:15 Rintamäki Hannu, Finnish Institute of Occupational Health, Finland: Work in the cold: How much we can trust our thermal sensations?
- 11:30 Pettersson-Strömbäck Anita, Umeå University, Sweden: Gender transition in the Swedish mining industry – challenges and opportunities.
- 11:45 Rissanen Sirkka, Finnish Institute of Occupational Health, Finland: A field evaluation of the thermal responses of wilderness guides and tourists in Northern Finland during winter season.
- 12:00 Oksa Juha, Finnish Institute of Occupational Health, Finland: Muscular, cardiorespiratory and thermal strain of mast and pole workers.
- 12:15-12:30 Ponzoni Norma, McGill University, Canada: Distance Education for Nurses working in Remote Regions of Northern Quebec: Does it influence their Sense of Workplace Empowerment?

Session II, Working in the Circumpolar Regions; Accidents and Injuries (Nukuttaja-Näyhä)

Chair: Hannu Rintamäki, Finnish Institute of Occupational Health, Finland

Co-Chair: Nathaniel Pollock, Labrador Institute of Memorial University, Canada

- 14:00 Korneeva Yana, Northern (Arctic) Federal University named after MV Lomonosov; Northern State Medical University, Russia: Psychological risks management of shift workers in the circumpolar regions and the Arctic.
- 14:15 Jussila Kirsi, Finnish Institute of Occupational Health, Finland: Evaluation of cold protective clothing and its use in Arctic open-pit mines.
- 14:30 Pollock Nathaniel, Labrador Institute of Memorial University, Canada: Epidemiology of injury mortality by intent in Labrador and Newfoundland, 1993-2009.
- 14:45 George M. Anne, University of British Columbia, Canada: Injury rates: Successes in closing the gap closed between Aboriginal and total population in BC, Canada.
- 15:00-15:05 Mehus Grete, University of Tromsø Norwegian Arctic University, Norway: Young people and risk communication related to snowmobiling in northern Norway: a focus group study. (5 min)

Session III, Environmental Health (Nukuttaja-Näyhä)**Chair: Tiina Ikäheimo, University of Oulu, Finland****Co-Chair: Björ Bodil, Occupational medicine, Umeå university hospital, Sweden**

- 16:00 Ryti Niilo, University of Oulu, Finland: Global Association of Cold Spells and Adverse Health Effects: A Systematic Review and Meta-Analysis.
- 16:15 Ikäheimo Tiina, Center for Environmental and Respiratory Health Research (CERH), University of Oulu, Finland: Cold-related symptoms in persons having diabetes or abnormal glucose tolerance.
- 16:30 Björ Bodil, Occupational medicine, Umeå university hospital, Sweden: Cold health impacts in northern Sweden.
- 16:45 Amstislavski Philippe, University of Alaska – Anchorage, USA: Re-Thinking Access to Health Services in the Era of Rapid Climatic and Environmental Change: Perspectives from Arctic Russia and Interior Alaska.
- 17:00 Eliassen Bent-Martin, University of Tromsø - The Arctic University of Norway, Norway: Ethnic difference in the prevalence of angina pectoris in Sami and non-Sami populations: the SAMINOR study.
- 17:15 Hintsala Heidi, Center for Environmental and Respiratory Health Research and MRC Oulu, University of Oulu, Finland: Habitual wintertime cooling and blood pressure in hypertensive and normotensive men: an experimental study.
- 17:30-17:35 Amstislavski Philippe, University of Alaska – Anchorage, USA: Characterization of Environmental Health Properties of a Fabricated Polymeric Fungi-Based Insulation Material. (5 min)

Sessions on Tuesday 9.6.2015, Rossi

Women's Health and Wellbeing (Rossi)

Chair: Rhonda M. Johnson, University of Alaska Anchorage, USA

Co-Chair: Varpu Wiens, University of Oulu, Finland

- 11:00 Møller Helle, Lakehead University, Canada: Facilitators and barriers to positive birth experiences for Indigenous Women in Northwestern Ontario.
- 11:15 Moffitt Pertice, Aurora College, Canada: Considering Determinants of Infant Feeding Practices: A Community Based Action Approach.
- 11:30 Miller Virginia, University of Alaska Anchorage, USA: Breast and cervical cancer screening: Reaching women with disabilities in Alaska.
- 11:45 Rand Jenny, Dalhousie University, Canada: Inuit women's stories of strength: Driving community-based HIV and STI prevention research forward in Nunavut.
- 12:00 Lys Candice, University of Toronto/Institute for Circumpolar Health Research, Canada: Gettin' F.O.X.Y.: Exploring the Development of Sexual Self-Efficacy among Young Women in Northern Canada Using an Arts-based Intervention.
- 12:15-12:20 Wiens Varpu, University of Oulu, Finland: Girls' well-being in Northern Finland: promoting and hindering factors. (5 min)

Community Driven Research (Rossi)

Chair: André Corriveau, GNWT Dept. of Health & Social Services, Canada

Co-Chair: Inez Shiwak, 'My Word' Storytelling & Digital Media Lab, Canada

- 14:00 Corriveau André, GNWT Dept. of Health & Social Services, Canada: Partnerships as an important tool for improving community health.
- 14:15 Inez Shiwak, 'My Word' Storytelling & Digital Media Lab, Canada: IlikKuset-Ilingannet/Culture-Connect: Promoting Cultural-Based Youth Mentorship Programs to Support Mental Health & Resilience in Nunatsiavut, Labrador.
- 14:30 Friendship Katelyn, Arctic Institute of Community-Based Research, Canada: Together for Healthier Lifestyles: Collaboration with multiple sectors in Northern Canada linked to healthy eating, active living, and health literacy.
- 14:45 Morton Ninomiya Melody, Memorial University, Canada: Institutional ethnography as a decolonizing method of inquiry for applied health research.
- 15:00 Weiler Hope, Nunavut Tunngavik Incorporated, Canada: The Inuit Health Survey 2007 – 2008: A Participatory and Co-Managed Approach for this Legacy Study.
- 15:15 Arbour Laura, UBC, Canada: Ten years of a community based participatory research program to address the high rate of Long QT Syndrome in First Nations of Northern BC.
- 15:30 Willetto Wolfe Abbie, Alaska Native Tribal Health Consortium, US: Correlation of Maternal Cotinine and Neonatal NNAL Levels: Preliminary Findings from the MAW Study.

15:45-15:50 Friendship Katelyn, Arctic Institute of Community-Based Research, Canada:
Indigenous Community Food Security in Yukon Territory. (5 min)

Nature and Health (Rossi)

Chair: Anders Koch, Statens Serum Institut, Denmark

Co-Chair: Élise Lépy, University of Oulu, Finland

16:00 Koch Anders, Statens Serum Institut, Denmark: Travel to Arctic Regions – are travel health recommendations contemporary?

16:15 Lépy Élise, University of Oulu, Finland: Impacts of winter weather conditions and slipperiness on tourists' health in Finland.

16:30 Ferguson Gary, Alaska Native Tribal Health Consortium, USA: Store Outside Your Door: Hunt, Fish, Gather, Grow.

16:45 Solodkova Irina, Saint-Petersburg State Pediatric Medical University, Russia: Climate change, human health and well-being in Yakutia.

17:00 Linton Janice, University of Manitoba, Canada: A Human-made flood: When the Umbilical Cord to Water and Life Becomes Inimical to Health.

17:15 Pollock Nathaniel, Labrador Institute, Canada: Backcountry travel emergencies in northern Canada: A case series of media-reported events. (5 min)

17:20 -17:25 Diakovich Marina, East-Siberian Institute Medical and Ecological Research, Russia: Subjective evaluation of health and health-related quality of life of adolescents, inhabitants of the arctic Yamal. (5 min)

Day 3, Wednesday, 10 June 2015

Sessions on Wednesday 10.6.2015, Ståhlberg

Infectious Diseases III (Ståhlberg)

Chair: Emilie Birch, Statens Serum Institut, Denmark

Co-Chair: Alexander Kravchenko, Research & Practice Center for Tuberculosis of the Sakha Republic (Yakutia), Russia

- 11:30 Plumb Ian, Centers for Disease Control and Prevention, United States: Rates of Hospitalization with Helicobacter pylori and Gastric Cancer in American Indian and Alaska Native Persons and in the United States Population.
- 11:45 Rudolph Karen, Arctic Investigations Program/CDC, USA: Serotype and genotypes of penicillin-nonsusceptible invasive pneumococcal isolates in the pneumococcal conjugate vaccine era in Alaska.
- 12:00 Zulz Tammy, CDC Arctic Investigations Program, USA: Surveillance of invasive non-typeable Haemophilus influenzae in Alaska, 1980-2013.
- 12:15 Crandall Hillary, University of Utah, USA: Haemophilus influenzae type a Infections Causing Invasive Disease in Utah Children.
- 12:30 Michelsen Sascha Wilk, Statens Serum Institut, Denmark: Immune recognition of Mycobacterium tuberculosis antigens and the risk of tuberculosis in Greenland.
- 12:45 Birch Emilie, Statens Serum Institut, Denmark: Ten years of tuberculosis intervention in Greenland - has it prevented cases of childhood tuberculosis?
- 13:00 Kravchenko Alexander F., Research & Practice Center for Tuberculosis of the Sakha Republic (Yakutia), Russia: Organization of the bacteriological diagnosis and treatment of tuberculosis in Yakutia. (5 min)
- 13:05 Koch Anders, Statens Serum Institut, Denmark: Determination of NAT2 acetylation status in the Greenlandic population - an enzyme related to tuberculosis therapy. (5 min)
- 13:10-13:15 Zagoruiko Galina, (Title will be informed later)

Educational Programs (Ståhlberg)

Chair: Sanna-Mari Ahonen, University of Oulu, Finland

Co-Chair: Ulla Timlin, University of Oulu, Finland

- 14:30 Cole Madeleine, Qikiqtani General Hospital, Iqaluit, Nunavut, Canada: Indigenizing the Canadian Physician Workforce: A perspective from Nunavut.
- 14:45 Pihkala Suvi, University of Oulu, Finland: Towards an orientation of non-violence – exploring prevention of violence as a challenge of education, participation and sustainable change.
- 15:00 Simonova Natalia, Northern State Medical University, Northern (Arctic) Federal University, Russia: Specifics of providing medical aid in hard-to-reach northern regions.

- 15:15 Bell Marnie, Aurora College, Canada: Assessment and Enhancement of Community Development Competencies in Canada's Northern Public Health Workforce: A Pan-Territorial Approach.
- 15:30 Ahonen Sanna-Mari, University of Oulu, Finland: Developing Higher Education in the Circumpolar North – Experiences from the MCH Master's Programme.
- 15:45 Bullin Carol (Bally Jill), University of Saskatchewan, Canada: Quality Nursing Education through Decentralization: Establishing a Circumpolar Northern and Indigenous Workforce.
- 16:00-16:05 Chamberlain Linda, Alaska Family Violence Prevention Project, USA: Developing a public health course on adverse childhood experiences (aces) and promoting resilience in the north. (5 min).

Sessions on Wednesday 10.6.2015, Rossi

Development of Health Care I (Rossi)

Chair: Gert Mulvad, Center of Primary Health Care, Greenland

Co-Chair: Hanna Tiirinki, University of Oulu, Finland

- 11:30 Fraser Sarah, Université de Montreal, Canada: Ilagiitut. An ethnography of a community based participatory research project for families of Nunavik.
- 11:45 Lavoie Josée G, University of Manitoba, Canada: Policy and Practice Options for Equitable Access to Primary Healthcare for Indigenous Peoples in British Columbia and Norway.
- 12:00 Aagaard Tine, Ilisimatusarfik/University of Greenland, Greenland: 'Health care kalaallisut' - Development of health care in Greenland through involvement of patients' cultural perspectives on health practice.
- 12:15 Tiirinki Hanna, University of Oulu, Finland: The expected future of primary health care centre from customers point of view – mixed method research.
- 12:30 Børresen Malene Landbo, Statens Serum Institut, Denmark: Effect of the 13-valent pneumococcal conjugate vaccine on nasopharyngeal carriage by respiratory pathogens among Greenlandic children.
- 12:45 Sheppard Amanda, The Hospital for Sick Children, Canada: Prenatal health information for expecting Inuit dads in Nunavut. (5 min)
- 12:50-12:55 Hiratsuka Vanessa, Southcentral Foundation, USA: Development of a trauma screening and brief intervention process for Alaska Native people in a primary care setting. (5 min)

Mental Wellbeing in the North I, (Rossi)

Chair: Juha Veijola, University of Oulu, Finland

Co-Chair: Rhonda M. Johnson, University of Alaska Anchorage, USA

- 14:30 Pedersen Cecilia Petrine, Aarhus University, Denmark: Adversity and adolescents' mental health in Greenland – the role of resilience.
- 14:45 Stoor Jon Petter, Sámi Norwegian National Advisory Board on Mental Health and Substance Abuse, Norway: We're like lemmings': Making sense of the cultural meaning(s) of suicide among the indigenous Sámi.
- 15:00 Rönkä Anna Reetta, University of Oulu, Finland: Entanglements of loneliness and depression experienced by young adults born in northern Finland.
- 15:15 Petrasek MacDonald Joanna, McGill University, Canada: Youth-identified protective factors for mental health and well-being in a changing climate: Perspectives from Inuit youth in Nunatsiavut, Labrador.
- 15:30 Ramsay Hugh, University of Oulu, Finland: Exposure to maternal smoking during pregnancy and cognitive performance in early adulthood in the Northern Finland Birth Cohort 1986.

- 15:45 Ferguson Gary, Alaska Native Tribal Health Consortium, USA: Growing up Tobacco-Free (GUTF) in Alaska: A study to implement tobacco system changes into a Head Start program in rural Alaska. (5 min)
- 15:50-15:55 Pulkkinen Johannes, University of Oulu, Finland: Functional Mapping of Dynamic Happy and Fearful Facial Expressions in Young Adults with Familial Risk for Psychosis (FR). (5 min)

Sessions on Wednesday 10.6.2015, Linna

Indigenous Health IV: "Food Insecurity, Obesity and Diabetes" (Linna)

Chair: Peter Bjerregaard, University of Southern Denmark, University of Greenland, Denmark

Co-Chair: Jessie MacKenzie, institute of Circumpolar Health Research, Canada

- 11:30 Jørgensen Marit Eika, Steno Diabetes Center; Southern Denmark University, Denmark: Establishment of the Study of Diabetes among Inuit Populations in the Arctic (ESDIPAN) Network.
- 11:45 Narayanan Meera, Alaska Native Tribal Health Consortium (ANTHC), USA: Living well with diabetes in Alaska.
- 12:00 Boyer Bert, University of Alaska at Fairbanks, USA: DNA methylation patterns are associated with n-3 fatty acid intake in Yup'ik people.
- 12:15 Niclasen Birgit, National Institute of Public health, Greenland: Self-assessed food poverty among school children - a comparison between Greenland and Northern Canada.
- 12:30 Kenny Tiff-Annie, Centre for Advanced Research in Environmental Genomics, Canada: Participatory Food Costing in a Northern Indigenous Context.
- 12:45 Rønn Pernille Falberg, Steno Diabetes Center, Denmark: Ethnic differences in anthropometric measures and abdominal fat distribution: a comparative study among Inuit, Africans and Europeans.
- 13:00 Lucas Michel, Laval University, Canada: Cannabis use in relation to obesity and insulin resistance in the Inuit population. (5 min)
- 13:05 Petrasek MacDonald Joanna, McGill University, Canada: The commercialization of country food and food security: The case of Greenland and what Nunavut can learn. (5 min)
- 13:10-13:15 Abonyi Sylvia, University of Saskatchewan, Canada: Body Mass Index of First Nations Children and Youth on First Entering Canadian Prairie Residential Schools – 1919 to 1953. (5 min)

Indigenous Health V: Health systems (Linna)

Chair: Neil Murphy, Southcentral Foundation, Alaska, USA

Co-Chair: Vanessa Hiratsuka, Southcentral Foundation, USA

- 14:30 Riva Mylene, Université Laval, Centre de recherche du CHU de Québec, Canada: Geographic and social inequalities in blood pressure among Inuit in Greenland.
- 14:45 Broderstad Ann Ragnhild, University of Tromsø - The Arctic University of Norway, Norway: Health and living conditions in Northern Norway, the SAMINOR survey.
- 15:00 Jones Jennifer, University of Guelph, Canada: Bridging dichotomies in Circumpolar health research: Findings from a systematic realist review.
- 15:15 Bull Julie, NunatuKavut Community Council, Canada: From Theory to Practice: Indigenous Research Ethics in Action.
- 15:30 Hiratsuka Vanessa, Southcentral Foundation, USA: Oral health-related quality of life among an Alaska Native/American Indian urban outpatient pediatric population.

15:45 Chatwood Susan, Institute for Circumpolar Health Research, Canada: A research methodology for informing a dialogue on health systems improvements in circumpolar regions using indigenous knowledge. (5 min)

15:50-15:55 Gounder Prabhu, Centers for Disease Control and Prevention (CDC), USA: Disparities in Infectious Disease Hospitalizations among Alaska Native Persons compared to Non-Alaska Native Persons in Alaska, USA. (5 min)

Sessions on Wednesday 10.6.2015, Nukuttaja-Näyhä

Population Health I (Nukuttaja-Näyhä)

Chair: Vadim Kuznetsov, Tyumen Cardiology Center, Russia

Co-Chair: Karina Kunavina, Northern State Medical University, University of Oulu, Russia

- 11:30 Kunavina Karina, Northern State Medical University, University of Oulu, Russia: Assessment of oral health in elderly in circumpolar territory of Russia.
- 11:45 Kuznetsov Vadim, Tyumen Cardiology Center, Russia: Is coronary artery disease more severe in the North compared to the South of Tyumen region?
- 12:00 Hanley Brendan, Chief Medical Officer of Health, Yukon, Canada: Collaboration in action: The Yukon CANRISK Diabetes Screening Project.
- 12:15 Fleischer Inuuteq, Arctic Health Research Centre, Aalborg University Hospital, Denmark: Hip geometry and cortical index in Greenland hip fracture patients and the possible influence on hip fracture occurrence.
- 12:30 Nelunova Tuiara, Yakut National Centre of Medicine, Russia: The structure of congenital heart defects (CHD) among newborn in the Republic of Sakha (Yakutia). (5 min)
- 12:35 Arbour Laura, UBC, Canada: Controversies in newborn screening and alternative approaches to prevention of hypoglycemia for the common Arctic variant (P479L) in CPT1A. (5 min)
- 12:40-12:45 Hanley Brendan, Government of Yukon, Canada: The Yukon CANRISK Project: Lessons learned in Collaborative Research. (5 min)

Population Health II (Nukuttaja-Näyhä)

Chair: Laura Arbour, UBC, Canada

Co-Chair: Stig Andersen, Aalborg University Hospital, Denmark

- 14:30 Schæbel Louise, Centre for Arctic Health, Department of Public Health, Aarhus University, Denmark: On the anti-inflammatory effect of vitamin D in the traditional Inuit diet in Greenland.
- 14:45 Nielsen Nina Odgaard, University of Southern Denmark, Denmark: Trends in vitamin D status in Greenland from 1987-2010 and the association with type 2 diabetes.
- 15:00 Andersen Stig, Aalborg University Hospital, Denmark: Creatinine excretion is lower in Inuit than in non-Inuit and the influences on iodine nutrition classification.
- 15:15 Stepanov Vadim, Institute for Medical Genetics, Russia: Genetic signals of adaptation to climate in Siberian populations.
- 15:30-15:35 Eriksen Heidi, University of Oulu, Finland: Seasonality of clinical symptoms among high risk families for bipolar disorders in the Arctic. (5 min)

15:45-16:45 The New Arctic

Sessions on Wednesday 10.6.2015, Merikoski**Environmental Contaminants III (Merikoski)****Chair: Eva Bonfeld-Jørgensen, Aarhus University, Denmark****Co-Chair: Elena Golubeva, Northern (Arctic) Federal University, Russia**

- 11:30 Golubeva Elena, Northern (Arctic) Federal University, Russia: Project “The Impact of hazardous substances on human health and communities in the Barents region” as an environment health policy tool in the region.
- 11:45 Gibson Jennifer, Health Canada, Canada: Levels and trends of contaminants in Arctic populations.
- 12:00 Long Manhai, Centre for Arctic Health & Unit of Cellular and Molecular Toxicology, Department of Public Health, Aarhus University, Greenland: Greenlandic pregnant women: Diet and Serum Persistent Organic Pollutants.
- 12:15-12:30 Ghisari Mandana, Aarhus University- Inst. of Public Health- Center for Arctic Health, Denmark: Polymorphisms in Phase I and Phase II genes and breast cancer risk and relations to persistent organic pollutant exposure: an Inuit case-control study.

Day 4, Thursday, 11 June 2015

Sessions on Thursday 11.6.2015, Aurora

IASC Workshop: Improved Health Knowledge in the Arctic I and II

Chairs: Peter Sköld, Umeå University, Sweden and Arja Rautio, University of Oulu, Finland

Session I 10:30-12:00

Speakers (15 min/speaker):

Andersen Chris, University of Alberta, Canada: Re-thinking “data gaps” in Canada’s north: Understanding statistical information in a social field context.

Axelsson Per, Umeå University, Sweden: Ethnicity, statistics and health in Sweden – ways forward.

Pettersen Torunn, Sámi allaskuvla / Sámi University College, Norway: What kind of Sámi figures? Dealing with deficient Sámi ethnicity data in Norway.

Nilsson Lena Maria, Umeå University, Sweden: A call for improving health strategies regarding HLA-B27 carriers in the Arctic, considering traditional and scientific knowledge.

Bjerregaard Peter, University of Southern Denmark, University of Greenland: Ethnicity, health indicators and circumpolar comparisons: the case of Greenland.

Discussion

Session II 13:00-13.45

Bergkvist Per Henrik “Piere”, Jovnevaerie Sámi reindeer herding community, Sweden: Breaking the silence – suicide prevention through storytelling among indigenous Sámi.

Stoor Jon Petter Anders, SANKS: Sámi Norwegian National Advisory Board on Mental Health and Substance Abuse, Norway: What’s missing? Understanding and integrating indigenous perspectives on suicide and suicidal behavior among indigenous Sámi youth.

Discussion

Sessions on Thursday 11.6.2015, Merikoski

Mental Wellbeing in the North II, (Merikoski)

Chair: Juha Veijola, University of Oulu, Finland

Co-Chair: Christina Larsen VL, University of Southern Denmark & University of Greenland, Greenland

- 10:30 Hurtig Tuula, University of Oulu, Finland: The accumulation and interaction of factors related to deficits in health and risk of marginalisation in young adults in the Northern Finland.
- 10:45 Larsen VL Christina, National Institute of Public Health, University of Southern Denmark & Greenland Center for Health Research, University of Greenland, Greenland: Socioeconomic inequality in past year suicidal behavior among Greenland Inuit.
- 11:00 Ferrazzi Priscilla, University of Alberta, Canada: Mental Health Rehabilitation and Responding to People with Mental Illness in the Context of Criminal Courts in Remote, Mainly Inuit Arctic Communities.
- 11:15 Chamberlain Linda, Alaska Family Violence Prevention Project, U.S.A.: Adverse Childhood Experiences (ACEs) in Alaska: New Data Fuels a Statewide Initiative.
- 11:30 Björnholm Lassi, University of Oulu and Oulu University Hospital, Finland: Sex differences in microstructure of white matter tracts in a birth cohort sample of young adults.
- 11:45 Moffitt Pertice & Fikowski Heather, Aurora Research Institute/Aurora College, Canada: Frontline Workers' Community Response to Intimate Partner Violence in the Northwest Territories, Canada. (5 min)
- 11:50-11:55 Engnes Janne Isaksen, University of Tromsø - The Arctic University of Norway, Campus Hammerfest, Norway: Use of life stories as memory training (reminiscence) in elderly care. (5 min)

Mental Wellbeing in the North III, (Merikoski)

Chair: Rhonda M. Johnson, University of Alaska Anchorage, USA

Co-Chair: Juha Veijola, University of Oulu, Finland

- 13:00 Dahl-Petersen Inger Katrine, National Institute of Public Health, University of Southern Denmark, Denmark: Harmful drinking in Greenland in relation to socioeconomic position.
- 13:15 Chatwood Susan, Institute for Circumpolar Health Research, Canada: Suicide prevention in circumpolar regions.
- 13:30 Pallard Henri, Laurentia University, Canada: Substance Use, Mental Health Challenges and Systemic Disadvantages: A Northern Cree Perspective.
- 13:45 Kandola Kami, Government of the Northwest Territories Department of Health & Social Services, Canada: Suicide in the Northwest Territories (1999-2013): A Review of the Coroner's Data. (5 min)
- 13:50-13:55 Drossos Alex, McMaster University, Canada: Inuktitut Mental Health Glossary for Clinicians: an Online Tool and Mobile App. (5 min)

Sessions on Thursday 11.6.2015, Linna

Disease Profiles in the Changing Climate (Linna)

Chair: David Driscoll, University of Alaska, Anchorage, USA

Co-Chair: Ashlee Cunsolo Willox, Cape Breton University, Canada

- 10:30 Cunsolo Willox Ashlee, Cape Breton University, Canada: Climate Change: The Next Challenge for Circumpolar Mental Health?
- 10:45 Voevoda Mikhail, FSBI Research Institute of Therapy and Preventive Medicine SB RAMS, Novosibirsk, Russia: Rotational workers stress reactions in the arctic abrupt atmospheric pressure changes during the global climate change.
- 11:00 Driscoll David, University of Alaska, Anchorage, USA: Health Effects of Climate Change in Alaska: Findings from a Multi-Year Community-based Sentinel Surveillance System.
- 11:15 Kuznetsov Vadim, Tyumen Cardiology Center, Russia: Cardiovascular risk factors in patients with diabetes mellitus and coronary artery disease in Western Siberia: north-south difference. (5 min)
- 11:20 Furberg Maria, Umea University, Sweden: Tularemia mapping in northernmost Sweden: Seroprevalence and a case-control study of risk factors. (5 min)
- 11:25-11:30 Voevoda Mikhail, FSBI Research Institute of Therapy and Preventive Medicine SB RAMS, Novosibirsk, Russia: Arterial hypertension resistance in the north depending on the adaptive type of the organism adaptive reserves mobilization. (5 min)

Population Health III (Linna)

Chair: Eva Cecilie Bonefeld-Jørgensen, University of Aarhus, Denmark

Co-Chair: Henri Pallard, Laurentia University, Canada

- 13:00 Faria Vee, Department of Health and Social Services, Government of the Northwest Territories, Canada: Aboriginal Engagement in Healthy Living and Social Determinants of Health in the Northwest Territories.
- 13:15 Bonefeld-Jørgensen Eva Cecilie, University of Aarhus, Denmark: Lifestyle factors and dietary habits among pregnant women in Greenland.
- 13:30 Driscoll David, University of Alaska, Anchorage, USA: Changes in Health Effects of Substance Use in a Population of Chronically Homeless People after Moving into a Housing First Facility in Alaska.
- 13:45-13:50 Pallard Henri, Laurentia University, Canada: A Community-Based Design Process for Reaffirming Cultural Heritage. (5 min)

Sessions on Thursday 11.6.2015, Rossi

Indigenous Health VI: Health status overview (2) (Rossi)

Chair: Sharon Edmunds-Potvin, Nunavut Tunngavik Incorporated, Canada

Co-Chair: Jennifer Jones, University of Guelph, Canada

- 10:30 Lucas Michel, Laval University, Canada: Anthropometric parameters predict metabolite biomarker concentrations among school-aged Nunavik Inuit children.
- 10:45 Børresen Malene Landbo, Statens Serum Institut, Denmark: A Comparative Cohort Study of Seizures in Greenlandic and Danish Children.
- 11:00 Bjerregaard Peter, National Institute of Public Health, Denmark/Greenland: Has social equality in health increased or decreased in Greenland since 1992?
- 11:15 Edmunds-Potvin Sharon, Nunavut Tunngavik Incorporated, Canada: Social Determinants of Inuit Health.
- 11:30 Jones Jennifer, University of Guelph, Canada: Addressing historical legacies in the assessment of resource development: Why it matters for Indigenous well-being. (5 min)
- 11:35 Rendal Thomas, National Board of Health, Greenland: Midway Evaluation of Greenland's Tuberculosis Program.
- 11:50 Thomas Timothy, Alaska Native Tribal Health Consortium, USA: Establishment of oral health surveillance in Alaska; use of electronic dental records. (5 min)
- 11:55-12:00 Dahl-Petersen Inger Katrine, National Institute of Public Health, University of Southern Denmark, Denmark: Is self-rated health associated with clinical measures of health among the Inuit of Greenland and Nunavik? (5 min)

Smart Technology (workshop) (1 hrs, Rossi)

- 13:00-13:45 Michael Jong, Memorial University, Canada: Tips on how to use telehealth to lead resuscitation remotely.

Sessions on Thursday 11.6.2015, Ståhlberg

Sexually Transmitted Infections (STIs) (Ståhlberg)

Chair: Rhonda M. Johnson, University of Alaska Anchorage, USA

Co-Chair: Nadja Albertsen, Queen Ingrid Health Care Centre, Nuuk, Greenland

- 10:30 Albertsen Nadja, Queen Ingrid Health Care Centre, Nuuk, Greenland: Incidence of syphilis in Greenland 2010-2014.
- 10:45 Johansen Mila Broby, Statens Serum Institut, Denmark: Sexually Transmitted Infections in Greenland - epidemiology and interventions.
- 11:00 Murphy Neil, Southcentral Foundation, USA: Human papilloma virus (HPV) genotypes among Alaska Native women in a colposcopy clinic in Anchorage, Alaska, 2009-11.
- 11:15 Jessen Cornelia, Alaska Native Tribal Health Consortium, USA: NATIVE It's Your Game: Adaptation of a computer-based HIV, STD, teen pregnancy prevention program for American Indian and Alaska Native Youth.
- 11:30 Jessen Cornelia, Alaska Native Tribal Health Consortium, USA: Safe in the Village: Developing a sexual health video program for American Indian/Alaska Native youth in Alaska. (5 min)
- 11:35 Brassard Paul, McGill University, Department of Epidemiology, Biostatistics, and Occupational Health, Canada: HPV variants in Inuit women from Nunavik, Quebec. (5 min)
- 11:40-11:45 Rolskov Anne, Department of Gynaecology and Obstetrics, Hillerød Hospital, Denmark: Rapid change in the ciprofloxacin-resistance pattern among Neisseria gonorrhoeae strains in Nuuk, Greenland. (5 min)

Day 5, Friday, 12 June 2015

Development of Health Care II, (Telkkä, Rokua)

Chair: Gert Mulvad, Center of Primary Health Care, Greenland

Co-Chair: Hanna Tiirinki, University of Oulu, Finland

9:15 Houngaard Lise, University of Greenland & University of Southern Denmark, Denmark: Family care where a family member is chronically ill with Parkinson's disease.

9:30 Soininen Leena, University of Helsinki, Finland: Follow-up of cancer incidence among Finnish Sami 1979-2010.

9:45 Kelley Stacy, Alaska Native Tribal Health Consortium, USA: The Burden of Cancer on Alaska Native People: Comprehensive Cancer Planning and Programs within the Alaska Tribal Health System.

10:00 Logie Carmen, University of Toronto, Canada: Developing a community based research agenda with lesbian, gay, bisexual, transgender and queer youth in the Northwest Territories, Canada.

10:15-10:20 Kelley Stacy, Alaska Native Tribal Health Consortium, USA: Alaska Native Breast Cancer Patients: A Care Coordination Quality Improvement Project. (5 min)

Smart Technology, Congress Hall 2, (Ahvero A, Rokua)

Chair: Shirley Tagalik, Arviat Wellness Centre, Canada

Co-Chair: Linton Janice, University of Manitoba, Canada

9:15 Mendez Ivar, University of Saskatchewan, Canada: Narrowing the gap of health care inequality in the north by using remote presence robotic technology.

9:30 Ryan Shannon, Yukon Government, Canada: Yukon Baby: a community-based mobile app for pregnant women, their partners and families.

9:45 Tagalik Shirley, Arviat Wellness Centre, Canada: Inuit Youth as Health Change Advocates: Engaging Community Through the Use of Technology and New Media.

10:00 Garrett Christy, Alaska Medical Library, University of Alaska, Anchorage, United States of America: Creating a Comprehensive Picture of Research in the Circumpolar Arctic.

10:15-10:20 Linton Janice, University of Manitoba, Canada: Are we there yet? What's freely available on the internet for circumpolar health researchers? (5 min)

Living in the Arctic, (Auditorio, Rokua)

Chair: Pamela Orr, University of Manitoba, Canada

Co-Chair: Anastasia Emelyanova, University of Oulu, Finland

- 9:15 Emelyanova Anastasia, University of Oulu, Finland: Population ageing in the Arctic: intra-regional variations and the differences with national rates.
- 9:30 Orr Pamela, University of Manitoba, Canada: More than Shelter: Housing as a Determinant of Health in Two Northern Canadian Dene Communities.
- 9:45 Carol Kauppi, Laurentia University, Canada: Health and Housing among Indigenous People in Northern Canada. (5 min)
- 9:50 Riva Mylene, Universite Laval, Centre de recherche du CHU de Quebec, Canada: Housing interventions in the Arctic: Baseline results of a study assessing the impacts of moving to a new house for Inuit health and well-being. (5 min)
- 9:55 Carol Kauppi, Laurentia University, Canada: Flood Hazard in Kashechewan First Nation: An Environmental Justice Perspective.
- 10:10-10:25 Burke Tracey, University of Alaska Anchorage, USA: Food security in Alaska: Definitions of “urban” and “rural” make a difference.

Helicobacter Pylori, (Talvipuutarha, Rokua)

Chair: Michael Bruce, Centers for Disease Control and Prevention, Anchorage, USA

Co-Chair: Emily V Walker, University of Alberta, Canada

- 9:15 Chang Hsiu-Ju, University of Alberta, Canada: Community-Driven Research of Helicobacter pylori infection in Arctic Canada: Update from the Canadian North Helicobacter pylori Working Group.
- 9:30 Williams Kathleen, University of Alberta, Canada: Investigating exposure to antibiotics among participants of community Helicobacter pylori projects in Arctic Canada.
- 9:45 Bruce Michael, Centers for Disease Control and Prevention, US: Epidemiology of Helicobacter pylori infection among peoples of the Arctic.
- 10:00 Walker Emily V, University of Alberta, Canada: Community-Based Research on H.pylori Infection in Arctic Canada: Determinants of the High Prevalence of Severe Gastritis.
- 10:15 Plumb Ian, Centers for Disease Control and Prevention, US: Rates of Hospitalization with Helicobacter pylori and Gastric Cancer in American Indian and Alaska Native Persons and in the United States Population. (5 min)
- 10:20 -10:25 Gotovtsev Nyurgun, Laboratory of Molecular Biology, Institute of Natural Sciences, "MK Ammosov North-Eastern Federal University", Russia: The prevalence of iceA Helicobacter pylori gene in Eastern Siberia (Sakha Republic). (5 min)