

POSTER SESSION I ON TUESDAY, 9 JUNE (Congress Hall Yrjö)

A. Infectious Diseases

- A1. 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.
- A2. Mordovskaya Larisa I., Research & Practice Center for Tuberculosis of the Sakha Republic (Yakutia), Russia: Use of Diaskintest for selection of children and adolescents from tuberculosis risk groups for preventive therapy.
- A3. Vinokurova Maria K., Research & Practice Center for Tuberculosis of the Sakha Republic (Yakutia), Russia: Major genotypes of M.tuberculosis in new cases of tuberculosis in the High North of Russia.
- A4. Vinokurova Maria K., Research & Practice Center for Tuberculosis of the Sakha Republic (Yakutia), Russia: The problem of increase in multidrug resistant tuberculosis cases based on the results of regional-level monitoring in the Sakha Republic (Yakutia).
- A5. Alexander F. Kravchenko, Research & Practice Center for Tuberculosis of the Sakha Republic (Yakutia), Russia: Organization of the bacteriological diagnosis and treatment of tuberculosis in Yakutia.
- A6. Koch Anders, Statens Serum Institut, Denmark: Determination of NAT2 acetylation status in the Greenlandic population - an enzyme related to tuberculosis therapy.
- A7. 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.
- A8. 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).
- A9. Zagoruiko Galina, Title will be informed later

B. Environmental contaminants

- B1. Kummu Maria, University of Oulu, Finland: Organic anion transporter 4 (OAT4) modifies placental transfer of PFOS and PFOA.
- B2. Sieppi Elina, University of Oulu, Finland: The xenoestrogens, bisphenol A and para-nonylphenol, decrease the expression of ABCG2 transporter protein in human term placenta.

C. Indigenous Health

- C1. 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.
- C2. Morton Ninomiya Melody, Memorial University, Canada: Visual graphics as a tool for communication and relationship building.
- C3. Corriveau Andre, GNWT Dept. of Health & Social Services, Canada: Tell us what you need and we'll build it together: Government-community partnerships for cancer prevention and support in the Northwest Territories.
- C4. Ellsworth Leanna, Inuit Circumpolar Council (ICC), Canada: Circumpolar Inuit Health Priorities: Best Health Practices and Research.
- C5. Daerga Laila, Umeå University, Sweden: Reindeer-herding Sami experiences of seeking care in the mainstream society.

- C6. Sinelnikova Elena, Saint-Petersburg State Pediatric Medical University, Russian Federation: Isonymy as an indicator of inbreeding in child populations of Yamal and Gyda tundras.
- C7. Kelley Stacy, Alaska Native Tribal Health Consortium, USA: Behavioral Health Aides in Rural Alaska: Their Experience in Caring for Alaska Native Cancer Survivors.
- C8. Lucas Michel, Laval University, Canada: Cannabis use in relation to obesity and insulin resistance in the Inuit population.
- C9. Petrasek MacDonald Joanna, McGill University, Canada: The commercialization of country food and food security: The case of Greenland and what Nunavut can learn.
- C10. 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.
- C11. 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.
- C12. Caughey Amy, Canada: Addressing childhood food insecurity in Nunavut: A life cycle approach to diabetes prevention.
- C13. 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.
- C14. 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.
- C15. Heikkilä Lydia, University of Lapland, Sámi Research: Culturally relevant social and health services in enhancing the sustainability of reindeer herding.
- C16. Edmunds-Potvin Sharon, Nunavut Tunngavik Incorporated, Canada: Health Research in Nunavut: An Inuit Governance Perspective.
- C17. Sumarokov Yury A., The Arctic University of Norway, Norway: Suicides in the indigenous and non-indigenous populations of the Nenets Autonomous Okrug, Russia.

D. Working in the Circumpolar Regions; Accidents and Injuries

- D1. Mehus Grete, University of Tromsø Norwegian Arctic University, Norway: Young people and risk communication related to snowmobiling in northern Norway: a focus group study.
- D2. de Boer Kaila, McGill University School of Social Work, Canada: Creating a collective narrative of social workers' experiences in isolated, Northern communities; A collaboration for support and change.
- D3. Ferguson Gary, Alaska Native Tribal Health Consortium, USA: Whose Head Hurts in Alaska? TBI Trends and Disparities 1992-2011.

E. Environmental Health

- E1. 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.
- E2. Jaakkola Kari, University of Oulu, Center for Environmental and Respiratory Health Research (CERH), Finland: Human rhinovirus infections are associated with temperature and humidity in a cold climate.
- E3. Hyrkäs Henna, University of Oulu, Finland: Asthma control and cold-related respiratory symptoms.

E4. Ikeda Atsushi, Department of Urology, Hitachi General Hospital, Japan: The Impact of a Polar Environment on Urinary Status - An investigation of urinary status in the 54th Japanese Antarctic Research Expedition.

E5. Ferguson Gary, Alaska Native Tribal Health Consortium, USA: Making a Tobacco Free Hospital Campus: An Alaska Native Tribal Health System Experience.

E6. Amstislavski Philippe, University of Alaska – Anchorage, USA: Characterization of Environmental Health Properties of a Fabricated Polymeric Fungi-Based Insulation Material.

E7. Näyhä Simo, University of Oulu, Finland: Birthweight and temperature on the day of conception.

E8. Näyhä Simo, University of Oulu, Finland: Heat-related thermal sensation, comfort and symptoms in a northern population: the national Finrisk 2007 study.

F. Women's Health and Wellbeing

F1. Wiens Varpu, Girls' well-being in Northern Finland: promoting and hindering factors.

F2. Kangas Anu, University of Oulu, Finland: Violence as a part of family relationships – a multigenerational perspective.

G. Community Driven Research

G1. Friendship Katelyn, Arctic Institute of Community-Based Research, Canada: Indigenous Community Food Security in Yukon Territory.

G2. Du Val Lindsay, University of Manitoba, Canada: Hearing Loss in the Kivalliq: A distinctive pattern of hearing loss in an extended family.

G3. Moffitt Pertice, Aurora Research Institute/Aurora College, Canada: Influences on Quality of Life of Older Adults in Canada's Northwest Territories: Community Based Participatory Action Research.

G4. Petrasek MacDonald Joanna, McGill University, Canada: Inuit Traditional Knowledge for Adapting to the Health Effects of Climate Change.

G5. Stordahl Vigdis, Finnmark Hospital Trust, Norway: Everyday Life of Reindeer Herders - a partnership research project.

H. Nature and Health

H1. Pollock Nathaniel, Labrador Institute, Canada: Backcountry travel emergencies in northern Canada: A case series of media-reported events.

H2. Belisheva Natalia, Kola Science Centre RAS, Russia: Evaluation functional health and well-being among ethnic minority in rural area and urban populations at the Kola North by using the SF-36 test.

H3. Tourula Marjo, University of Oulu, Finland: The value of everyday environment: Environmental changes and their influence on human wellbeing.

H4. Tikhonov Dmitrii, North-Eastern Federal University, Russia: Brief historical study of the polar dyspnea.

H5. 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.

I. Educational Programs

I1. Bally Jill, University of Saskatchewan, College of Nursing, Canada: Innovation in Pediatric Nursing Education: Using Robotic Technology as a Pedagogical Strategy in Rural and Remote Circumpolar Communities.

(52)

POSTER SESSION II ON WEDNESDAY, 10 JUNE (Congress Hall Yrjö)

J. Sexually Transmitted Infections (STIs)

- J1. 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.
- J2. Brassard Paul, McGill University, Department of Epidemiology, Biostatistics, and Occupational Health, Canada: HPV variants in Inuit women from Nunavik, Quebec.
- J3. Rolskov Anne, Department of Gynaecology and Obstetrics, Hillerød Hospital, Denmark: Rapid change in the ciprofloxacin-resistance pattern among *Neisseria gonorrhoeae* strains in Nuuk, Greenland.

K. Development of Health Care

- K1. Hiratsuka Vanessa, Southcentral Foundation, USA: Development of a trauma screening and brief intervention process for Alaska Native people in a primary care setting.
- K2. Achtemichuk Monica, University of Manitoba, Canada: Developing a Program Evaluation Plan of Medical Rehabilitation Services in the Kivalliq Region of Nunavut, Canada; Learning from 15 years of Community.
- K3. Cunsolo Willox Ashlee, Cape Breton University, Canada: Supporting Remote Health Care Provision in a Rapidly Changing Climate: A Case Study from Nunatsiavut, Labrador.
- K4. Kelley Stacy, Alaska Native Tribal Health Consortium, USA: Alaska Native Breast Cancer Patients: A Care Coordination Quality Improvement Project.
- K5. Galloway Tracey, University of Manitoba, Canada: The Nunavut End of Life Care Research Project.
- K6. Pollock Nathaniel, Labrador Institute, Canada: Suicide-related visits to a northern emergency department in Canada.
- K7. Rantakokko Piiä, University of Oulu, Finland: Experiences of public services among young people at risk of exclusion.

L. Mental Wellbeing in the North

- L1. Pulkkinen Johannes, University of Oulu, Finland: Functional Mapping of Dynamic Happy and Fearful Facial Expressions in Young Adults with Familial Risk for Psychosis (FR).
- L2. Moffitt Pertice & Fikowski Heather, Aurora Research Institute/Aurora College, Canada: Frontline Workers' Community Response to Intimate Partner Violence in the Northwest Territories, Canada.
- L3. 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.
- L4. 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.
- L5. Hiratsuka Vanessa, Southcentral Foundation, USA: Application of the PEN-3 Model on Tobacco Initiation, Use, and Cessation Among American Indian and Alaska Native Adults.
- L6. 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.
- L7. Voevoda Mikhail, FSBI Research Institute of Therapy and Preventive Medicine SB RAMS, Novosibirsk, Russia: Sleep disturbances associated with psychosocial factors in female population 25-64 years in Russia/Siberia: MONICA-psychosocial epidemiological study.

M. Population Health

M1. Nelunova Tuiara, Yakut National Centre of Medicine, Russia: The structure of congenital heart defects (CHD) among newborn in the Republic of Sakha (Yakutia).

M2. Arbour Laura, UBC, Canada: Controversies in newborn screening and alternative approaches to prevention of hypoglycemia for the common Arctic variant (P479L) in CPT1A.

M3. Hanley Brendan, Government of Yukon, Canada: The Yukon CANRISK Project: Lessons learned in Collaborative Research.

M4. Ryan Shannon, Government of Yukon, Canada: Congenital Anomalies in the Canadian North 2001-2012: Are there East/West Differences in rates and type of anomalies?

M5. Kuznetsov Vadim, Tyumen Cardiology Center, Russia: Patients after percutaneous coronary intervention in Western Siberia: is there a north-south gradient in the prevalence of psychosocial risk factors?

M6. Galloway Tracey, University of Manitoba, Canada: Qualitative research on the experience of cancer in Nunavut, Canada.

M7. Eiberg Hans, University of Copenhagen, Denmark: Distribution of the founder mutation in ATP13A2 gene causing Kufor-Rakeb syndrome (PARK9) in Greenland.

M8. Melnikov Vladimir, Institute of Physiology & Basic Medicine, Siberian Branch RAMS, Russia: Central hemodynamics and arterial stiffness in northern Russian inhabitants: a comparative study of two populations.

M9. Pallard Henri, Laurentia University, Canada: A Community-Based Design Process for Reaffirming Cultural Heritage.

M10. Frederiksen Nadja and Aidt Ea Cecilie, Government of Greenland, Greenland: Examples of Health Campaigns in Greenland: Max4Tassa (Alcohol campaign) and "Seize the Opportunity" (food, smoking, alcohol and exercise – campaign).

M11. Eiberg Hans, University of Copenhagen, Denmark: Distribution of the founder mutation in ATP13A2 gene causing Kufor-Rakeb syndrome (PARK9) in Greenland.

M12. Eriksen Heidi, University of Tampere, Finland: Seasonality of clinical symptoms among high risk families for bipolar disorders in the Arctic.

N. Disease Profiles in the Changing Climate

N1. Furberg Maria, Umea University, Sweden: Tularemia mapping in northernmost Sweden: Seroprevalence and a case-control study of risk factors.

N2. Kuznetsov Vadim, Tyumen Cardiology Center, Russia: Cardiovascular risk factors in patients with diabetes mellitus and coronary artery disease in Western Siberia: north-south difference.

N3. Efimova Natalia, East-Siberian Institute Medical and Ecological Research, Russia, Identifying the contribution of physical, social and chemical stressors in morbidity and mortality in Yamal with mathematical models.

N4. 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.

O. Health Monitoring

O1. Garrett Christy, Alaska Medical Library, University of Alaska, Anchorage, United States of America: Creating a Comprehensive Picture of Research in the Circumpolar Arctic.

O2. Jones Jennifer, University of Guelph, Canada: Addressing historical legacies in the assessment of resource development: Why it matters for Indigenous well-being.

O3. Thomas Timothy, Alaska Native Tribal Health Consortium, USA: Establishment of oral health surveillance in Alaska; use of electronic dental records.

O4. 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?

O5. Skifte Turid Bjarnason, The National Board of Health, Greenland: Surveillance of Congenital Anomalies in Greenland.

O6. Hanley Brendan, Government of Yukon, Canada: Research to Action: Applying the I-Track Surveillance Results to Improve Service Provision for People who Use Drugs in Whitehorse, Yukon, Canada.

P. Smart Technology

P1. Drossos Alex, McMaster University, Canada: Inuktitut Mental Health Glossary for Clinicians: an Online Tool and Mobile App.

P2. Linton Janice, University of Manitoba, Canada: Are we there yet? What's freely available on the internet for circumpolar health researchers?

P3. Berntsen Gro, Resource Centre on Violence, Traumatic Stress and Suicide Prevention, University Hospital of North Norway, Norway: «When crisis hits» - electronic tools for those who are to follow up on crises, accidents, and disasters.

P4. Bourque Kirsten, University of Manitoba, Canada: Managing Chronic Kidney Disease in Northern Manitoba: An Innovative Model of Care Using Telehealth and a Northern Based Nurse Clinician.

P5. Tinker Bonnie, University of Manitoba, Northern Medical Unit, Canada: Technology's Effect on Practice: A Review of iPad use for Community Based Therapists in the Kivalliq Region of Nunavut, Canada.

P6. Inez Shiwak, 'My Word': Storytelling & Digital Media Lab, Canada: 'My Word': Storytelling and Digital Media Lab: The Evolution of an Inuit-Owned Digital Media and Research Organization.

P7. Brudie Sigrid, University of Alaska Anchorage, USA: www.arctichealth.org: An Evolving Website Reflecting a Changing Arctic.

P8. Coriveau André, GNWT-HSS, Canada: More than a funding relationship: Government-NGO partnerships for cancer prevention and support in the Northwest Territories.

P9. Murray Kathy, University of Alaska Anchorage, USA: Looking for (Arctic) indigenous health information? Databases, hedges, & international options.

Q. Living in the Arctic

Q1. Carol Kauppi, Laurentia University, Canada: Health and Housing among Indigenous People in Northern Canada.

Q2. Riva Mylene, Université Laval, Centre de recherche du CHU de Québec, 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.

Q3. Carol Kauppi, Laurentia University, Canada: Flood Hazard in Kashechewan First Nation: An Environmental Justice Perspective.

Q4. Burke Tracey, University of Alaska Anchorage, USA: Food security in Alaska: Definitions of "urban" and "rural" make a difference.

(52)