

## One Arctic – One Health Conference, February 7-9, 2019, Oulu, Finland

### Program

#### Thursday, February 7, 2019

<b>8:30-13:00</b>	<b>AHHEG meeting</b>
<b>10:00</b>	Registration
<b>13:00-14:00</b>	Lunch
<b>14:00-15:00</b>	<b>Opening session</b>
Welcome words	René Söderman, Senior Arctic Official for Finland, Ministry of Foreign Affairs, Finland Joshua Glasser, Foreign Affairs Officer, U.S. Department of State, USA Jyoti Bhargava, Policy Lead, Crown-Indigenous and Northern Affairs Canada, Government of Canada
Keynote speech	Heikki Henttonen, Finland: Biome specific zoonotic epidemiologies
<b>15:00-15:30</b>	Coffee break
<b>15:30-17:00</b>	<b>Opening session</b>
Keynote speeches	Khaled Abass, Finland: Contaminants in Arctic human populations Arleigh Reynolds, University of Alaska Fairbanks: Sled dog husbandry as approach to supporting transfer of traditional knowledge and resilience to at risk youth in rural Alaska. Emily Jenkins, Canada: Emerging infectious disease issues at the One Health interface in the northern North America
<b>17:00-18:00</b>	Icebreaker event

#### Friday, February 8, 2019

<b>8:30</b>	<b>Registration</b>
<b>9:00-10:15</b>	<b>Session 1</b>
<b>9:00-9:15</b>	Audrey Waits, Finland: Human infectious diseases.
<b>9:15-9:30</b>	Douglas Causey, USA: Local Partnerships in the Detection, Identification, Surveillance, and Public Health Aspects of Viral Zoonotic Pathogens in the Bering Sea Region.
<b>9:30-9:45</b>	Postoev V.A., Russia: Using medical birth registry for birth defects surveillance: Russian experience.
<b>9:45-10:00</b>	Tomas Thierfelder, Sweden: Climate-change Effects on the Epidemiology of Infectious Diseases in the Arctic. Linking landscape effects of climate change to the geographic spread of zoonotic infectious diseases.
<b>10:00-10:15</b>	Q&A
<b>10:15-10:35</b>	Coffee break + posters
<b>10:35-12:00</b>	<b>Session 2</b>
<b>10:35-10:50</b>	Kriya Dunlap, USA: Sled dogs as a model for human health in the circumpolar north.
<b>10:50-11:05</b>	Sanna Malkamäki, Finland: <i>Echinococcus canadensis</i> in reindeer in Northern Europe and Northwestern Siberia.
<b>11:05-11:15</b>	Anna Nikanorov, Russia: Ticks (Acari: Ixodidae ) are bloodsuckers and vectors of dangerous pathogens and diseases. Ticks genera of Dermacentoz and Ixodes the most adapted in the Central and North-Western latitudes of Russia. Short presentation + poster
<b>11:15-11:30</b>	Ann Albihn, Sweden: Ticks on the move to the north – increased risk for new zoonotic infections?
<b>11:30-11:35</b>	Elisa Stella, Italy: On the transmission of anthrax disease in the Arctic region. Short presentation + poster
<b>11:35-11:40</b>	Anton N. Tokarev, Russia: Muscle parasites in reindeer: differential diagnostics and Russian food safety legislation. Short presentation + poster
<b>11:40-11:45</b>	Audrey Waits, Finland: Wildlife infections. Short presentation + poster
<b>11:45-12:00</b>	Q&A
<b>12:00-13:00</b>	Lunch
<b>13:00-14:20</b>	<b>Session 3</b>
<b>13:00-13:15</b>	Morten Tryland, Norway: Arctic hosts and pathogens on the move
<b>13:15-13:20</b>	Muhammad Asaduzzaman, Bangladesh: Environmental dimension of Antimicrobial Resistance (AMR); Occurrence and Spatial diversity of airborne resistomes in the poultry and household environment in Bangladesh. Short presentation + poster
<b>13:20-13:35</b>	Anita L. Moore-Nall, Lisa L. Schwarzburg, USA: A Legacy of Contaminated Sites and Possible Links to Health and Lifestyles in Alaska Native Communities.
<b>13:35-13:50</b>	Åsa Engström, Päivi Juuso, Sweden: Births before arrival to hospital – specialist ambulance nurses experiences.

13:50-13:55	Iliia Avrusin, Russia: Do we really need to use special charts to assess physical development of indigenous children of the North? Short presentation + poster
13:55-14:10	Heidi Aklaseaq Senungetuk, USA: <i>Inuit sayakturut, agiruat</i> : The people are healthy, they are dancing.
14:10-14:20	Q&A
14:20-14:50	Coffee break + posters
14:50-17:00	<b>Session 4</b>
14:50-15:05	Jenifer Huang McBeath, USA: Strategies for developing an environmentally-responsible plant production system in Alaska.
15:05-15:10	Hannele Savela, Finland: INTERACT –building capacity for terrestrial research and monitoring in the Arctic and beyond. Short presentation + poster
15:10-15:25	Alex Bernardova, Czech Republic: Rapid response to environmental emergency alerts. An INTERACT initiative.
15:25-15:40	Joshua Glasser, USA: Applying a Diplomatic Toolkit to Advance One Health: The Case of the Arctic Council
15:40-15:55	Erica Lujan: Environmental observation, social media, and One Health action: A description of the Local Environmental Observer (LEO) Network
15:55-16:10	Sappho Z. Gilbert and Nora D. Moraga-Lewy, USA: “All of the Above” to “American Energy Dominance”: a One Health-based analysis comparing US energy policy impacts in Alaska
16:10-16:25	Rada Bulgakova, Russia; Marija Launonen, Finland: View of Western Siberian Indigenous peoples on Opisthorchiasis
16:25-16:30	Kayla Buhler, Canada: Role of a nest flea as a potential bridge vector for <i>Bartonella henselae</i> transmission between nesting geese and Arctic foxes, <i>Vulpes lagopus</i> , in Nunavut, Canada. Short presentation + poster
16:30-16:35	Émilie Bouchard, Canada: <i>Toxoplasma gondii</i> and other zoonotic endoparasites in foxes and lynx in Arctic and Subarctic Québec, Canada. Short presentation + poster
16:35-16:40	Elena Benusova, Russia: Interaction of Authorities and NGO in Social Health Issues of Children at Crime Risk. Short presentation + poster
16:40-16:45	Rajnish Sharma, Canada: Trichinella in wolverines of northwestern Canada, Sentinel Species and One Health. Short presentation + poster
16:45-16:50	Javier Sanchez Romano, Norway: Emerging diseases in a changing reindeer herding system. Short presentation + poster
16:50-16:55	Ekaterina Bubnova, Russia: The traditional livelihood of indigenous populations and the climatological conditions of the circumpolar world. Short presentation + poster
16:55-17:00	Natalia Petrova, Russia: Strongyle invasion at kulans in Kazakhstan during winter 2017 – 2018
16:55-17:15	Q&A
18:30	Dinner <i>Restaurant Vanha Paloasema</i> (Kauppurienkatu 24A)

#### Saturday, February 9, 2019

9:00-10:30	<b>Session 5</b>
9:00-9:15	Ilkka T. Miettinen, Finland: Water safety in the Arctic region
9:15-9:30	Sarah Yoder, USA: The public health response to arsenic contamination of drinking water wells in Alaska
9:30-9:45	Veronica M. Padula, USA: Plastics in the Bering Sea: Marine Debris and Associated Contaminant Exposure in Subsistence Species
9:45-9:50	Evgenia Tsupadina, Russia: Association between polymorphisms of NAT2 gene and lung cancer susceptibility in Yakut population. Short presentation + poster
9:50-9:55	Nathaniel Hansen, USA: Mental healthcare performance measurement in circumpolar regions. Short presentation + poster
9:55-10:00	Kennedy Jensen, USA: Multidisciplinary Collaborations for Community Wellness within Circumpolar Regions. Short presentation + poster
10:00-10:05	Samantha Salter, Canada: A One Health approach to emergency preparedness in health and social services: Incorporating animal care into emergency social services planning. Short presentation + poster
10:05-10:10	Lidia Rakhmanova, Russia: "We live like on a boiling pot": parallels between climate change, ecology and health in local community members' interpretation. Short presentation + poster
10:10-10:30	Q&A
10:30-10:50	Coffee break + posters
11:05-12:00	<b>Closing discussion</b>
12:00-13:00	Lunch

Please note that this program may be subject to change.