



*Have you ever wanted to hold a narwhal tusk?
...or look through Inuit snow goggles?
...or feel an Arctic Fox?
...or even be "chomped on" by a polar bear skull?*

Here's your chance!

Explore the Circumpolar North through the lens of Arctic expert, Moki Kokoris.

Environmental advocate, part-time explorer/adventurer, and the first Ukrainian woman to reach the Geographic North Pole, Moki is also the founder of 90-north – a dynamic outreach education program through which she invites audiences to discover the Arctic.

90-north offers a unique series of engaging interactive "HANDS ON = MINDS ON" presentations, which are designed to be age and audience appropriate, and can be customized to align with specified curricular requirements or matched to desired themes.

Questions from participants throughout the presentations are enthusiastically invited and encouraged.

Don't just imagine the Arctic... Touch it... Feel it... Experience it...

LIST OF PRESENTATION TITLES

WHILE EACH INDIVIDUAL TITLE BELOW CAN BE A STAND-ALONE PRESENTATION, THE COMPLETE LIST ALSO ACTS AS A FULL 2-SEMESTER SCHOOL CURRICULUM

- **ALL THINGS ARCTIC – General Overview:** This presentation offers a comprehensive introduction to the Circumpolar North, accompanied by extraordinary imagery, video footage as well as many authentic hands-on artifacts and items from the region.
- **Iconic Arctic Animals:** Covers many animals of the region, their habitats, behavior, diet, conservation status (***) for programs focusing on a specific species or distinctive animal groups, see separate list on reverse side)
- **The Arctic vs Antarctica:** Comparisons of size, climate, animals, ownership claims, etc.
- **Glaciers, Icebergs and Truly Bizarre Natural Ice & Snow Phenomena** (including sounds)
- **Wacky, Weird and Wow!** - Arctic woolly bear moth, Greenland shark, psychedelic comb jellies, "glowing" (fluorescent) rocks, etc.
- **Polar Atmospheric and Optical Phenomena:** Aurora borealis, fata morgana mirages, diamond dust, ice halos, etc.
- **Eclectic, Peculiar and Extraordinary:** Indestructible tardigrades, ice fish, Arctic lemmings; Nordic kulning (ancient herd calling), Inuit throat-singing, ice music, etc.

- **The Polar Sciences:** Research and fieldwork in zoology, geology, paleobiology, glaciology, oceanography, atmospheric sciences, climatology, ice dynamics, etc.
- **Permafrost around the Circumpolar North:** The science and impacts of thawing
- **Polar Careers and Jobs:** Covers both Polar Regions
- **Indigenous Peoples of the Far North:** Their territories, traditional lifestyles, mythology and folklore, animal husbandry, etc.
- **Native Traditional Dress:** Traditional Arctic indigenous clothing by region
- **Arctic Indigenous Tools and Gear**
- **Traditional Inuit Games** – World Eskimo Winter Olympics

*** Presentations on individual animal species or groupings:

- **The Polar Bear**
- **The Arctic Wolf, Arctic Fox, Wolverine**
- **Arctic Reindeer and their Subspecies**
- **The Musk Ox**
- **Arctic Cetaceans** (whales, belugas, narwhal)
- **Arctic Pinnipeds** (seals, walruses)
- **Flora/Fauna on the polar ocean floor**
- **The Woolly Mammoth** (+ the ethics of cloning for older audiences)
- **The Camel** (yes, the camel! Surprise!)

Separate winter holiday-themed program:

- **The Science and Indigenous Folklore of Santa and His Reindeer** (Santa origin stories: i.e. flying reindeer, Rudolf's red nose, Santa's suit colors, reindeer games, etc.)

For university students and adult audiences:

- **Introduction to Emerging Issues in the Arctic in the 21st Century:** traditional indigenous knowledge as intellectual property, national governance, security and conflict, impacts of climate change, globalization, rights to self-determination, territorial claims, and environmental concerns, etc.

Venue requirements and additional details:

Presentations typically run between 60 and 90 minutes long.

Venue to provide:

- Room that can be darkened sufficiently for a slide presentation
- Laptop for access to a Google Account and an Internet connection for streaming
- Computer software that has capability to show PowerPoint presentations
- AV system: Projector and screen, with sound system
- Three long tables at front of room for display of artifacts and hands-on items

Side Note: In schools, group sizes are generally limited to 25 students per presentation, which allows the program to be more interactive by offering each participant more time to view and handle the accompanying animal and cultural artifacts that tangibly illustrate each of the topics.