

**2** Sessions Available

November 3 – 10, 2016 &  
November 10 – 17, 2016  
Instructor: Rupert Pilkington  
Participants: 36  
\$3,195 CDN

# Lords of the Arctic:

## The Ecology of Hudson Bay's Polar Bears

**BOOK TODAY!**

**W**ITNESS THE ANNUAL MIGRATION OF CHURCHILL'S POLAR BEARS. Every October and November, polar bears congregate in the Churchill area to await the return of the sea ice and access to their preferred prey – the ringed seal. Spend two full days touring the Churchill Wildlife Management Area aboard a custom-built tundra vehicle. On the first day, course participants will enjoy an excellent firsthand view of polar bears in their natural habitat. On the second day, you will assist one of our visiting researchers with behavioral observations of the bears, collecting data as part of a long-term study contributing to our knowledge of these magnificent animals. Each evening, in-depth presentations by bear biologists explore this remarkable animal and the challenges they are facing in a warming climate. And if that were not enough, this program also includes a 45 minute helitour along the rugged coastline of Hudson Bay, an afternoon of dog sledding and a tour of the

community, including the world-famous Itsanitaq (Eskimo) Museum and its renowned collection of historic and contemporary Inuit art and artefacts. This is our most popular program and all proceeds support scientific research in Churchill. **Book early!** ❄️

### Other Course Offerings

#### Road Scholar: Adventures in Lifelong Learning

Additional dates for many of these same great programs are offered in association with Road Scholar, a not-for-profit organization dedicated to providing extraordinary learning adventures geared towards people 55 and over. Call us at **(204) 675-2307** or visit [www.roadscholar.org](http://www.roadscholar.org) for more information on program topics, dates and costs. ❄️

[www.churchillscience.ca](http://www.churchillscience.ca)

## Churchill Northern Studies Centre

*Subarctic Research and Education Since 1976*

The Churchill Northern Studies Centre is an independent non-profit organization dedicated to supporting research and education initiatives in Churchill. The Centre is open year-round to provide logistical services to scientists working in the western Hudson Bay region. In addition to supporting world-class research, we are also proud to offer a wide variety of educational programs to the general public. Course participants have the unique opportunity to learn more about their chosen topic directly from renowned scientists and naturalists.

### FOR RESERVATIONS CONTACT:

Churchill Northern Studies Centre  
Box 610  
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(204) 675-2139 (fax)  
[cnscc@churchillscience.ca](mailto:cnscc@churchillscience.ca)  
[www.churchillscience.ca](http://www.churchillscience.ca)

**BOOK TODAY!**

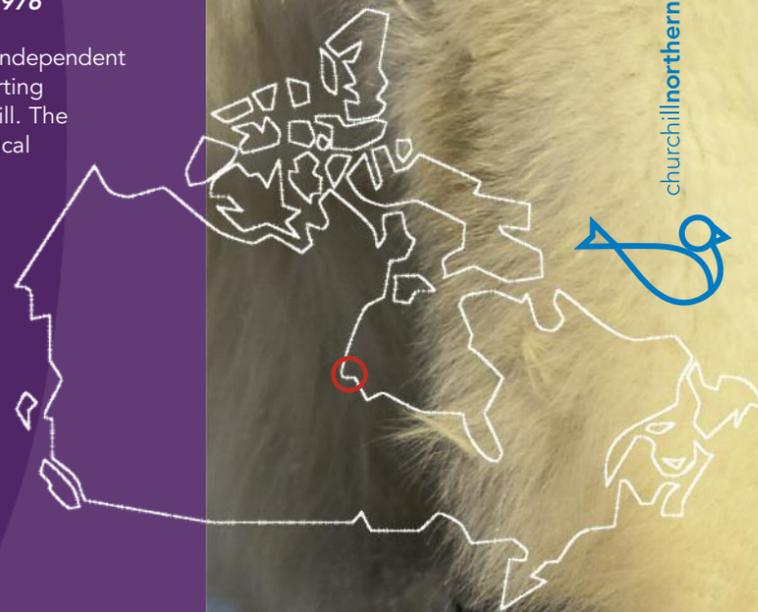


**Online booking now available!**



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Help us to  
**Understand and Sustain the North**  
by booking your northern adventure today!

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# Follow Your Dreams Experience Our North!

**BOOK TODAY!**



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CNSC 2016 LEARNING VACATIONS



## CNSC Learning Vacations

The CNSC is, first and foremost, an active research facility located at the edge of the tundra, 23 km from the Town of Churchill. Our learning vacations promote meaningful interaction between course participants, visiting scientists and the Centre's own in-house research staff. Most importantly, all course revenues go towards supporting the work of the Centre and the local economy.

Programs are typically 5-7 days in length and include all accommodations, meals, local transportation, wildlife viewing excursions, visits to local museums/shops and, of course, evening lectures on a range of topics from wildlife to aboriginal cultures. A sampling of traditional foods and Canadian wines on the last evening provides an excellent opportunity to reflect on your experiences and new friendships. ❄️



## Winter Skies: Aurora and Astronomy in Churchill

**February 4 – 9, 2016**

**March 3 – 8, 2016**

Instructor: Alan Dyer

**Participants: 24**

**\$ 1,325 CDN**

Immerse yourself in the magnificence of our breathtaking subarctic skies. Located directly beneath the aurora oval, Churchill, Manitoba is the best place on Earth to view the aurora borealis, the spectacular atmospheric phenomenon better known as the Northern Lights. For over 240 years, astronomers and physicists have journeyed to Churchill to probe the upper atmosphere with cameras, balloons, and even rockets. You, too, can marvel at the aurora from the comfort of the CNSC's heated viewing dome by night and explore the Churchill area by day. Local tours, cultural presentations and an afternoon of dog sledding offer a taste of life in the Subarctic. The Churchill Northern Studies Centre, your home for five days, sits in the shadow of massive 1950's era rocket launch towers. As the lights arc overhead in curtains of white, green and red, you'll swear you can hear the countdown. ❄️

LOOKING AHEAD:

**January 19-24, 2017 and February 16-21, 2017**

## North of 58°: Winter Ecology and Northern Culture

**February 23 – 27, 2016**

**Participants: 10**

**\$1,395 CDN**

Experience an exhilarating subarctic adventure and embrace the natural beauty of Churchill in winter. Explore an amazing environment where Gray Jays lay their eggs at 40 degrees below zero and wood frogs freeze solid, only to thaw again with the coming of spring. Dig beneath the snow for signs of a secret world where lemmings scurry along vast tunnel systems and shrews weighing less than a dime forage for insects. Course participants will build two traditional snow dwellings (igloo and quinzhee) with guidance from skilled locals. You can even sleep in them if you like! A traditional dog sled ride through the forest, snow sampling with a CNSC researcher, and a snowmobile ride onto the sea ice of Hudson Bay round out this truly unique experience. At the end of the day, a hot meal, a warm bed and the glow of the northern lights await. ❄️

LOOKING AHEAD:  
**March 7-11, 2017**



## Spring's Wings:

### Birding in Churchill

**June 9 – 14, 2016**

Instructor: Rudolf Koes

**Participants: 9**

**\$1,250 CDN**

Are you fascinated by birds and want to learn more? Are you a birder that would like to explore the arctic's edge? After nearly 8 months of winter, the ice in the Churchill River begins to move and the tundra comes alive with the carillon cry of hundreds of thousands of returning Snow Geese. Join the migration and explore the excellent birding opportunities to be found in Churchill, Manitoba, a well known birding "hotspot" that you'll want to experience firsthand. Daily guided tours and field trips allow you to see a wide variety of bird species, while keeping a sharp eye out for such rarities as the Ross's Gull, Bohemian Waxwing and Harris's Sparrow. Some unique birds common to Churchill include the Pacific Loon, jaegers, Willow Ptarmigan and Smith's Longspur. Our program is led by a birding expert with decades of experience and group size is kept to a minimum. There is also ample opportunity to explore the town and the world-famous Itsanitaq (Eskimo) Museum with its renowned collection of historic and contemporary Inuit art and artefacts. From arrival to departure, your program itinerary is simply focused on full-time birding! ❄️

BOOK TODAY!



## Into the Wildflowers: Flora of the Subarctic

**July 7 – 12, 2016**

Instructor: Karen Johnson

**Participants: 16**

**\$1,325 CDN**

Discover the beauty and diversity of the northern plant world on this botanical tour of the subarctic. Spring starts the successive waves of colour, as boreal and arctic wildflowers carpet the landscape through the long days of summer. With over five hundred species of vascular plants, including eleven orchids, Churchill will challenge and intrigue any botanist or flower enthusiast. Join us as we explore a range of different habitats, from lichen-rich taiga woodlands and wet sedge tundra to dunes, fens, heaths and sand beaches. Keep an eye out for caribou, foxes, and the occasional polar bear - Churchill in summer is a photographer's paradise! You can also hone your plant identification skills with sessions in our in-house herbarium and evening talks on a variety of topics. Also included is a visit to Boreal Projects greenhouse, beluga whale watching on the Churchill River, and a tour of Prince of Wales Fort National Historic Site. ❄️

## Wild Planet: The Subarctic in Summer

**August 18 – 23, 2016**

Instructor: James Kushny

**Participants: 16**

**\$1,685 CDN**

Imagine hiking the coast of western Hudson Bay, an ancient and rugged landscape where boreal forest meets arctic tundra, a land transformed by ice, wind and water. Daily walks will lead you through a wide variety of habitats including: tundra, boreal forest, inter-tidal zone, fen, beach dune, and coastal pond. Walk from Sloop's Cove to Prince of Wales Fort National Historic Site, tracing the footsteps of early European fur traders and the native people who facilitated their vast empire. Keep a sharp eye out for polar bears – we've seen them before! A visit to the Parks Canada Interpretive Centre and the world-famous Itsanitaq (Eskimo) Museum, an afternoon of kayaking, and evening presentations on topics in northern ecology completes your subarctic adventure. This is our most active program. Expect to spend between 4-5 hours per day hiking over relatively flat, but uneven terrain. **What are you waiting for? Put yourself out there!** ❄️



## Belugas in the Bay:

### The White Whales of Churchill

**July 14 – 19, 2016**

Instructor: Pierre Richard

**Participants: 22**

**\$1,425 CDN**

Delve into the trip of a lifetime! The Churchill River estuary is one of the summering grounds for the largest population of beluga whales in the Arctic. Nowhere else in the world can you get as up close and personal with this charming and highly vocal white whale. While other beluga populations deal with the combined threats of pollution and population decline, Churchill's whales migrate to the river estuary to feed, give birth and moult their skin. As a participant in Belugas in the Bay, you will have three opportunities to view beluga whales in their natural habitat - once by large jet boat, once by zodiac and, finally, under your own power by kayak. But whales are only one part of the experience. Walking tours of Prince of Wales Fort and Cape Merry National Historic Sites, coastal hikes, evening lectures by marine biologists and local cultural presenters help round out this truly educational experience.

## Belugas Through the Camera Lens

**June 23 – 28, 2016**

Instructors: Kristin Westdal & Christopher Paetkau

**Participants: 22**

**\$1,695 CDN**

In this special program we will explore Churchill's wildlife and landscapes through the camera lens. Your co-instructors will share their knowledge for a truly unique opportunity to learn about the ecology and life of belugas, as well as how to capture these amazing animals in their natural habitat! ❄️

NEW!

