

BARRIER LAKE FIELD STATION. KANANASKIS, AB.

### Alberta Genius of **Place Project**

Alberta is a beautiful place to live in with huge potential for change, plenty of natural renewable resources, available land, cultural diversity, and inspiring minds. Yet in terms of shaping a sustainable future, everything in Alberta awaits to be done, undone and redone. Biomimicry Alberta will ignite a regional network for design innovation, promote learning from Nature's genius, and create synergies for sustainable change.

# What is Genius of Place project (GoP)?\*

A Genius of Place study looks to nature in a particular place to provide guidance on locally-attuned design strategies. By asking, "How have organisms and ecosystems solved this challenge here?" we discover a suite of design strategies that are well-adapted to place. The practice of looking to the locals for guidance on how to live is an ancient one, practiced by indigenous cultures the world over. More and more. biomimics today are seeking the wisdom of other organisms who share our home habitat for models of locally- attuned sustainable designs. The practice of Biomimicry and the Genius of Place process were developed by Biomimicry 3.8 (B3.8), a consultancy based in Montana, and are being practiced by the Certified Biomimicry Professionals (CBP) and others trained to bring Biomimicry into the world.

The goal of the Biomimicry Alberta Genius of Place project is to use a biomimetic systems approach to find locally-attuned solutions to design challenges faced by Alberta's cities, communities, industries and rural areas. Biomimicry Alberta will look for partnerships with institutions and will invit the biomimicry community to participate in the process of creating a first GoP report, offering workshops and training throughout the process.

### LINKS OF INTEREST:

http://oregon.biomimics.net/genius-of-place http://biomimicrysa.co.za/projects/projects-overview/genius-of-place http://www.wdccapetown2014.com/projects/q-and-a/579  $https://www-static.bouldercolorado.gov/docs/OSMP\_GoP\_Re-lorado.gov/docs/OSMP\_GoP\_Re$ port-1-201503121559.pdf http://biomimicrychicago.blogspot.ca/p/prairie-project.html

# Tentative Program

BAWo2, Barrier Lake Field Station, Kananaskis, AB October 1 & 2, 2016

Saturday
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Saturday			
12:00	Arrival, site orientation and room assignment / Park in visitor parking & meet in office		
12:45	Introductions to your table and lunch		
2:00	Guest: Dr. Johnson (Biogeoscience institute UofC)		
2:30 Kira Hunt	Introduction to BAW02, Biomimicry and GoP   Carlos Fiorentino   Marjan Eggermont		
3:15	(break)		
3:30	Stream 1: Nature [Outdoor adventure for active folk w/BA mentors] Intro to GoP strategies template Hike / Observerving nature's solutions.  Stream 2: Design [Gentle idea generation w/BA mentors] Intro to GoP strategies template Short outdoor sit / walk Brainstorm problems in AB		
5:00 5:45	Brief group presentations (break)		
6:00	Dinner and free time		
7:00	GoP match-up activity: Breakout groups by interest		
8:30	Social (bring you own drinks)		

# Sunday

8:00 am	Breakfast
8:45	Biomimicry Wakeup Outdoor Activities
9:30 Dan Same	Update on biomimicry projects in AB  oto   John Nychka   Godo Stoyke  Update on ABMI-Alberta  Biodiversity Monitoring institute  Kira Hunt  Biomimicry Global Design  Challenge 2017  Carlos Fiorentino   John Nychka
11:00	(break)
11:15	Next Steps [GoP Agenda] and Deliverables
12:00	Lunch
12:45	Thanks and Goodbyes



<sup>\*</sup> Inspired in GoP Boulder, Colorado.

NOTES	

#### 1. MEALS & ACCOMMODATION

University Lodge (Meals prepared by UofC BGS Staff)
Meal times are 8:00 a.m., 1:00, and 5:30 p.m.
Meals are provided buffet style in the University Lodge.

Most of the accommodation is double occupancy, with shared bathrooms, in each of the dormitories and duplexes. Pillows and pillowcases are provided for all groups. Linens, blankets and towels are provided. We will create a tentative room plan. Changes can be made on site if all parties are in agreement.

#### 2. WHAT TO BRING

Dress at the field station is casual. Be prepared for a range of weather by having layers of clothing. As we are in the mountains, weather can change very quickly, moving from warm sunny days to cold snow flurries (even in the summer months). Footwear should be functional for the outdoors, as most courses have fieldwork, and the interpretative trails surrounding the field stations are covered mostly in gravel or shale. In winter it may be several hours after a snowfall before walkways are all cleared. Please bring indoor footwear as outdoor shoes need to be removed in the dorm areas.

## 3. BEVERAGES AND SNACKS

The field station only provides access to non-alcoholic beverages such as tea, coffee, milk, juice machine (during meal times only) which are located in the University Lodge dining room. Groups may also store beverages and snacks that they bring to site in the common fridge. Since the site is located adjacent to 'public' trails, it is advised that guests keep alcoholic beverages within the University Lodge and dining room.

BYOB: PLEASE FEEL FREE TO BRING DRINKS AND SNACKS FOR SATURDAY EVENING — BE PREPARED TO SHARE.

#### 4. FACILITY USE

The Barrier Lake Station is a working research station with staff and visiting scientists living on site. We recommend the following facility use guidelines to maintain good relations with residents and staff.

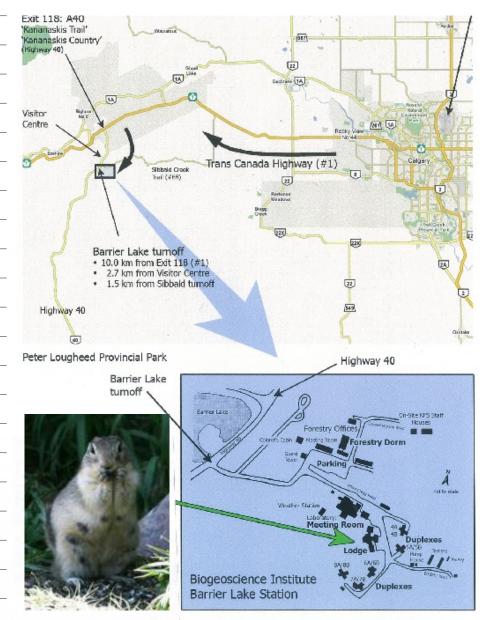
- Outdoor activities are scheduled and restricted to those areas designated as study sites or activity areas; there are residences on site for Field Station staff and visitors that are "private".
- Use of lab facilities is restricted to scheduled, supervised activities in the Ecology and Teaching Labs only; as other labs are used by Field Station staff and visiting scientists.
- All outdoor programs are potentially hazardous, making proper safety precautions necessary.
   Make sure your group is suitably clothed and equipped for mountain weather as conditions can change suddenly.
- As a group, be prepared for emergencies; groups should work on a buddy system during the program for a quick method of accounting for participants.

#### 5. EMERGENCY TELEPHONE NUMBERS

\*\* Any Emergency: Line 1 - 911
R.C.M.P. Canmore 678-5516
AMBULANCE Kananaskis 591-7767
Canmore 678-5454
HOSPITAL Canmore 678-5536
FIRE ALARM Kananaskis 591-7767

Please state very clearly that you are at the University of Calgary Biogeoscience Institute in Kananaskis.





HTTP://WCM.UCALGARY.CA/BGS/FILES/BGS/MAP-TO-BGS.PDF

