

# Third Age Learning at Kwantlen





## Celebrating 25 Years of Lifelong Learning with creative and stimulating educational activities for adults over 50

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Happy Shanksgiving





Oct 1:

National

eniors

Day

5	CRISPR: editing the genome 2 pm Richmond		Field Trip: Mark-Crest Foods 10 am Langley		8 Hearing Loss 10 am Online		Philosophers' Corner 11:30 am Surrey	9 1 s' Human Intelligence 2 pm Surrey		11
12	13 Thanksgiving Day Campuses closed		14 Field Trip: Hands on Genealogy 10 am Clayton Library Surrey		15 Improvis for Everyone 4 pm Richmond		16		17	18
19	Reverse Mortgag 10 am Or		Heart I in Agin 10 am		The Hu Microb 10 am Richmo	iome	Philosophers' Corner 11:30 am Langley	When is Ho Healthy for Seniors? 10 am Cloverdale	r	25
26	27 TALK AGM Understanding Bitcoin 10am Surrey		28 Foraged Beauty 10 am Langley		Did you know that TALK now has Gift Cards available? Give your friends the gift of lifelong learning. You can purchase these when you register for courses or at another time. Go to www.kpu.ca/talk/courses					
Field <sup>-</sup>	Field Trip Onl		ine Richmo		mond	Surrey		Langley C		loverdale
have an or emai	ses a se ly difficu I <i>talk@k</i> Ill will be	Ity or que	estions assist	s, you ca ance.	an phor	e the	a to process of TALK office at	online regist 604-599-30	ratio 77	ns. If you
Clas	sses i	in Re	view	,						
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1

Salish Sea

11:30 am

Online

Gull Project

2

Today's

Political

Landscape

10 am Online

Philosophers'

Corner

10:30 am

Richmond

3

This legendary Victorian mansion, built between 1887 and 1890 on a hill overlooking the City of Victoria, announced to the world that Robert Dunsmuir was the richest and most important man in Western Canada. In 1887, two years after the last spike had been driven on the E&N railway, and five years after he started accumulating 28 acres of property, Robert Dunsmuir gave the orders to start building Craigdarroch. There were still three Dunsmuir daughters who were not married, and the mansion would be the perfect venue to launch them into married life. Unfortunately, he died in April 1889 before the house was completed. After Robert's death, Joan spen some time traveling in Europe. Her sons oversaw the completion of the construction while she was in Europe and Joan, with her three unmarried daughters and two orphaned grandchildren, took up residence in 1890 to 1908.

Led by David Bradley, BC Director, Birds Canada



The immense fortune of the Dunsmuir family is reflected in the four floors of exquisite stained-glass windows, intricate woodwork and fabulous Victorianera furnishings.

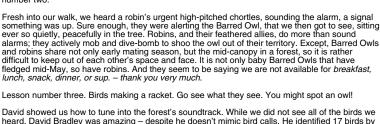
It was quite the adventure for 18 enthusiastic members of our TALK program who ventured forth on a beautiful day for a full day of commuting and comradery. Members met at the BC Ferries Tsawwassen terminal for a free ferry ride (Seniors 65+) followed by a couple of bus routes and a short walk to the Castle.

Craigdarroch Castle is a definitively Victorian experience. It is a shining example of a"bonanza castle" — massive houses built for entrepreneurs who became wealthy during the industrial age. In this case, the industrialist was Robert Dunsmuir, a Scottish immigrant who made his fortune from Vancouver Island coal.



After the tour, it was time for a late lunch at the Sticky Wicket Pub in downtown Victoria and a late return to Tsawwassen. Good times had by all.





Identifying birds by sounds seems like a mathematically impossible task.

Barred Owl

Orange Crown

American Robin Spotted Towhee

But it did then seem like an explosion – capparently quieter than the morning one!

David showed us how to tune into the forest's soundtrack. While we did not see all of the birds we heard, David Bradley was amazing – despite he doesn't mimic bird calls. He identified 17 birds by sound alone, and helped us distinguish the sounds, through words like cha-cha-cha, chick-a-dee-dee-dee, chirp (I thought cherub), cheep, chip-chip-chip, chit, chit-chit chi-chi, chortle, chur, hoo-hoo, hoo-hoooo (who-cooks-for-you), mew, pwee-pwee, stuck-stuck, tweep, tweet, trill, tsee-tsee-tsee, twitter, twizzle, whistle, whit, high, low, long, short, song or call, and of course change the pitch harmonics depending on friend or foe, impress or defend, local dialects, and mimicking. So then is it little wonder that participants expressed surprise at the number of birds sounds that were heard, even though sightings were rare.

Dark-Eyed Junco

Sparrow Townsend Warbler Western

Red Breasted Nuthatch Bird Song

Tanager

- of chorus in the forest - with the afternoon session

Warbling Vireo Western Flycatcher
Wilson's Warbler Yellow-Rumped Warbler As David focused attention on tree snags, and holes, where small and big woodpeckers feed and live, we were able to see a Hairy Woodpecker fly in with a feed. Yes, we were quiet enough to hear the mewing of the baby birds – feed me, feed me, feed me. Except, despite both the male and female Hairy Woodpecker being present on the snag and on a branch, our presence made them hesitant to approach the nest.

How do you distinguish between the Downy and Hairy Woodpeckers? If you spy a red patch on the head, you are seeing the MALE of these species. The Hairy Woodpecker is larger, about nienches, the size of a Robin; the Downy's shorter and plumper, about six inches. Importantly, look at the size of the beaks. A long slender beak, the size of the head, and it's a Hairy, compared to the shorter stubbier beak, half the size of the head, for the Downy.

While standing beside a clearing, a fairly open patch of the forest, decorated with the low growing Salal, white Thimble Berry blossoms, and Orange Honeysuckle, David turned our attention to finding the hummingbird perched on the top of a deciduous tree – barely distinguishable from the leaves. We did find it, with and without binoculars. David identified it as

Did you know that hummingbirds can by identified through sound as well, not just their sweet-sweet chirping, but the sound of their wings as they whiz by. If you hear the whiz or whirl, it is a Rufous. Finding a hummingbird where we did, it was all about location, location, location. They slurp up flower nectar from the likes of Salal, Herb Robert, Honeysuckle, and Thimble Berry, but these low-growing plants also provide insect habitat. Hummingbirds snatch aphids, gnats, midges, whiteflies – because hummingbird babies need protein, not sugar water.

David pointed out how difficult it was to see hummingbird nests, with their cups made of moss and lichen that vanish against branches covered in lichen and moss. He compared the migratory Rufous with the year-round Anna's Hummingbird, which began overwintering locally around 2000, because of hummingbird feeders – an invasive species of sorts, like the Scottish Broom

Through the walk, David emphasized the ecological richness of Sunnyside as a forest versus a park. It offers a continuous expanse of habitat with multiple vertical layers, niches for ground-dwellers like Juncos, for mid-level woodpeckers, and for canopy dwelling warblers.

David's passion and commitment to bird life is rooted in childhood, as he grew up in Nairobi, with both parents' avid conservationists. With his PhD in Avian Behavioral Ecology and fieldwork spanning New Zealand and Central America, and now studying an invasive mammalian predator in Haida Gwaii (one of his favorite natural environments) and migration tracking of the Longbilled Curlew in the Kootenay Mountains, he demonstrated how he is a natural educator, and storyteller.

How long will these sounds stick with you? Seconds! Lesson number four: practice. Without practice, memory of the sounds fades fast. Recording the sounds, slowing them down, you begin to hear the rhyme, rhythm, and reason.

Hairy Woodpecker

Rufus Humming Swainson's Thrush

Warbler Pacific Wren

Here is a match-up challenge. Match the bird vocalizations from the commonly used human descriptive words listed above, to the list of birds we heard.

What does a typical day look like for David? It is not a walk in the forest. It is doing heavy duty lifting administrative work, sitting at a desk. This day, he made us curious, and inspired us to stop, look, and listen to the chorus of the forest. David Bradley is the Director of the BC program at Birds Canada. He is not only interested professionally in birds but also holds a deep passion for their conservation and welfare. He holds a PhD in Avian Behavioral Ecology which he obtained in New Zealand studying the re-introduction biology of a near flightless endemic songbird. Philosophers' Corner in October

a Rufous.

I have been interested in birds and their conservation for as long as I can remember. Prior to my current role, I completed a postdoc at our Birds Canada head office in Ontario and the University of Guelph on migration and breeding phenology in Tree Swallows. My Ph.D. was conducted in New Zealand on the ecology and conservation of an endangered endemic bird, the North Island Kokako. I have also been involved in behavioral studies of Neotropical birds in Mexico, Costa Rica, Panama, and Colombia.

TOPIC LOCATION DATE Richmond How do we define freedom? Oct 2 Thick soup or stew: are we splitting hairs? Oct 9 Do business owners have the right to refuse service to customers? Langley Oct 23

For more information, please visit: www.kpu.ca/talk/philosophers-corner

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Lifespan Cognition Lab

WHY?

WHO?

Website: www.kpu.ca/talk

Understanding Bitcoin, Monday, October 27<sup>th</sup> from 10 am to 12 pm, Surrey campus, Cedar building, Room 1205. Free for TALK members, registration required through this

For more information, please visit: www.lifespancognition.com WHAT?

# A paid multi-year research study. Payment starts at \$20 CAD and increases by \$5 each time you

People between the ages of 10-15, 18-23, 40-45, and 65-70.

Email: talk@kpu.ca

 October 13: Thanksgiving Day October 31: Halloween

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Right now! You will also be asked to return in following years. WHEN? WHERE? It is completely online. To see if you are eligible, visit lifespancognition.com/participate Celebrations and holidays in October October 1: National Seniors Day

KPU's Lifespan Cognition Lab is currently recruiting participants for an online research study. **PARTICIPATE** IN RESEARCH! swipe for more details!