

Dear members,

The College and University Retiree Associations of Canada (CURAC) Later Life Learning (LLL) Committee has recently notified us of the following member-sponsored events that are available to all members of CURAC affiliated Retirement Associations, which includes CUPARUC members.

Best wishes,

Nancy Helms  
CURAC Later Life Learning Liaison for CUPARUC

1. As part of the Winter 2022 Presentation Series, The McGill Association of University Teachers Retiree Affairs Committee is holding an online (Zoom) event entitled “Medical Aid in Dying: Perspectives” on **Tuesday, January 18, 2022, at 1:00 pm**. The panelists are Dr. Joyce Pickering, a general internist at the McGill University Health Centre (MUHC), and Dr. Hitesh Bhanabhai, a family physician and palliative care physician primarily working at the (MUHC). To register, please email [racmaut21@gmail.com](mailto:racmaut21@gmail.com) by January 17, 2022. There is no charge for this event.
2. The University of Victoria Retirees Association Elder Academy and Ocean Networks Canada **2022 Ocean Webinar Series**. The series will take place **Saturdays, 10am - noon Pacific Time, 29 January – 19 February 2022**.

Over the course of four Saturdays, the following talks will be presented by Ocean Networks Canada scientists and specialists:

**Ocean Responses to Climate Change** (Richard Dewey, Associate Director of Science)

**Solid Carbon: a Gigaton-scale Climate Solution** (Martin Scherwath, Senior Staff Scientist)

**Community Fishers: A Citizen Science approach to understanding ocean change** (Lucianne Marshall, Community Support Specialist and Ryan Flagg, Community Based Monitoring Manager)

**Ocean Science, Ocean Art** (Dwight Owens, User Engagement Officer)

This online 4-part series is offered for \$20 (\$5 per week) and will be available only to registered attendees. [Register](#) online or contact [UVRAElderAcademyevents@uvic.ca](mailto:UVRAElderAcademyevents@uvic.ca)

The document containing the Eventbrite link and the abstracts and biographies of the presenters is located at: <https://www.uvic.ca/retirees/assets/docs/uvra-2022-ocean-webinar-series-updated.pdf>. The Zoom link will be sent to registrants two days prior to the first session and, again, on the morning of each session.

3. **Invitation to attend University of Calgary Emeriti Association free Zoom session:**

**Date and Time:** January 12, 2022 @ 2pm Mountain Time

**Title of Session:** *Our Quantum Century*

**Speakers:** **Barry Sanders**, Professor; Director, Institute for Quantum Science and Technology, Department of Physics and Astronomy and **Paul Barclay**, Associate Professor, Department of Physics and Astronomy, University of Calgary

**Short Overview:** Quantum technology refers to technologies that use, in some indispensable way, quintessential features of quantum mechanics such as entanglement, particle-wave duality or no-cloning. This presentation will focus on how 21st-century quantum technologies work, where they are at and where they will go.

**To Register:** [https://go.ucalgary.ca/2022-01-12OurQuantumCentury\\_LPRegistration.html](https://go.ucalgary.ca/2022-01-12OurQuantumCentury_LPRegistration.html)

4. The Seniors College Association of Nova Scotia (SCANS), in association with ADRP (Association of Dalhousie Retirees and Pensioners) are offering the following Winter Term 2022 courses via Zoom.

*An Information Session regarding the Winter Term Courses* will be held on **Thurs. Jan. 13<sup>th</sup>, 2022 @10am Atlantic Standard Time (AST)**

**Details & Registration:** [Registration - Information Session, Winter 2022 \(jotform.com\)](#). If you need help with Registration, please call or write Sue @ 902-444-7588 or ( [scansinfo@gmail.com](mailto:scansinfo@gmail.com) ] . She will also provide info about payment details for the Winter 2022 courses (\$172.50, which also affords you Membership in SCANS). Descriptions about each of the following Winter term 2022 courses & instructor biographies are available at: [scansbrochure\\_winter2022\\_v6.pdf \(thescans.org\)](#)

**Course #1: *How Geology Rocks Everyday Life*** by Marcos Zentilli -  
Tuesdays, Feb.1-March 8, 10am-12pm AST

**Course #2: *Let's Talk About Dementia or Where Did I Put My Keys?*** by  
Barbara Ross - Wednesdays, Feb. 2-Mar 9, 10am-11:30am AST

**Course #3: *Six Questions*** by Norman Pereira - Thursdays, Jan.27-Mar  
10, 10am-12pm AST [No class on Feb.10]

**Course #4: *How Insects Conquered the Earth*** by Paul Manning - Fridays,  
Feb.4-Mar 11, 1:30pm-3:30pm AST.

5. Registration for the **Carleton University Lifelong Learning Program** Winter 2022 Session opens **Tuesday, January 11 at 10:00 a.m. ET**, at [carleton.ca/lifelong/registration/](https://carleton.ca/lifelong/registration/).

Tuesday's registration will be for the following five online offerings. Each mini-series is three weeks long. You may read information about our online format, and participants' reactions [here](#). You can view all Winter 2022 offerings on [this page](#).

**Lecture Series:**

A Grand Tour of Solar Systems, with Dr. Andrew Robinson

Journey to Three Musical Destinations: Reggae, Hip Hop, and New Technologies, with Keith McCuig

Genesis as Myth and History, with Dr. Shawna Dolansky

The Neuroscience of Stress, Mental Health and Resilience, with Dr. Ashley Thompson

Thriving in the Digital World: Taking Control of Your Tech, with Adrian Cho.

The LLeaP Team continues to work remotely. You can reach us via email ([lifelonglearning@carleton.ca](mailto:lifelonglearning@carleton.ca)). You can also leave a voicemail at 613-520-3699 with your questions or concerns, and Jessica or Nora will return your call from a Carleton University Lifelong Learning Program cell phone.

6. As part of the **Concordia University Perform Centre Colloquium Series**, you are invited to join the next Perform Colloquium webinar. The webinar is titled Probabilistic Inference in Medical Imaging via Conditional GANs and will be held on **Wednesday, February 2, 2022, from 12:00 – 13:00 Eastern**.

## **Probabilistic Inference in Medical Imaging via Conditional GANs**

Many medical imaging tasks, like image de-noising, de-blurring, imputation, synthesis, and inference, require transformation of field data of one type to another. This transformation is often challenging to perform because it is not well defined mathematically, it is tedious to perform manually, or it yields multiple likely solutions.

In this talk we present a probabilistic deep learning algorithm based on adversarial learning to solve this class of problems. We describe how, given samples from the joint distribution of two types of images (input and output), this algorithm learns the distribution of the output image conditioned on the input image and samples efficiently from this distribution. Thereafter we present applications of this algorithm in a variety of tasks including, brain extraction in MR images, image imputation in Contrast Enhanced CT of renal tumors and inferring images of mechanical properties from displacement fields acquired using ultrasound.

For more information and registration click on the following link:

<https://www.concordia.ca/cuevents/offices/vprgs/perform/2022/01/26/probabilistic-inference-in-medical-imaging-via-conditional-gans.html?c=/research/perform>