

# Want a Change? Faculty Job at Langara College

October 22, 2021

# Dept. of Mathematics and Statistics

## Mission statement:

***"The Langara College Math/Stat Department is the choice for an excellent and comprehensive education in a supportive learning environment."***



# Dept. of Mathematics and Statistics

**Faculty members:  
more than 40!**

**Biggest Math and Stat dept in a college setting in BC  
(maybe in Canada too!)**

**Highest number of faculty members with a doctorate  
degree in a Math and Stat dept in a college**

# What jobs do we offer?

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## EXTERNAL JOB POSTING

**Department/Program:** Mathematics & Statistics

**Subject Area:** Mathematics up to and including second year.

### Description of Position:

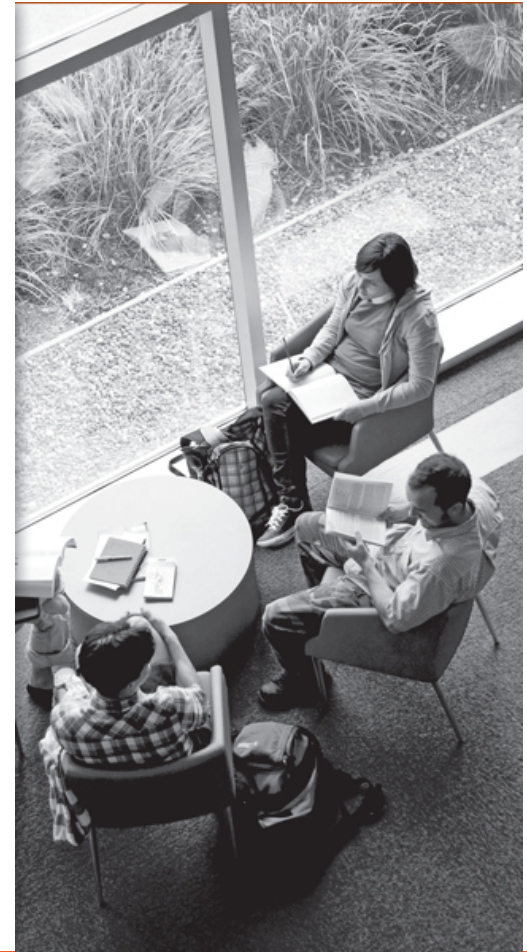
We are looking for an instructor with previous teaching experience and demonstrated ability to teach mathematics. Candidate will be expected to teach Calculus I and II, with possible lower level courses. The Department of Mathematics and Statistics at Langara College is dedicated to excellence in teaching and offers a dynamic and collegial work environment.

- **Required Qualifications:**
- Master's degree in mathematics.
- Excellent oral and written communication skills in English are required
- Commitment to excellence in teaching.
- Ability and willingness to contribute to departmental initiatives
- Previous teaching experience with demonstrated ability to teach first and second-year university transfer courses in mathematics including applications in economics and business.

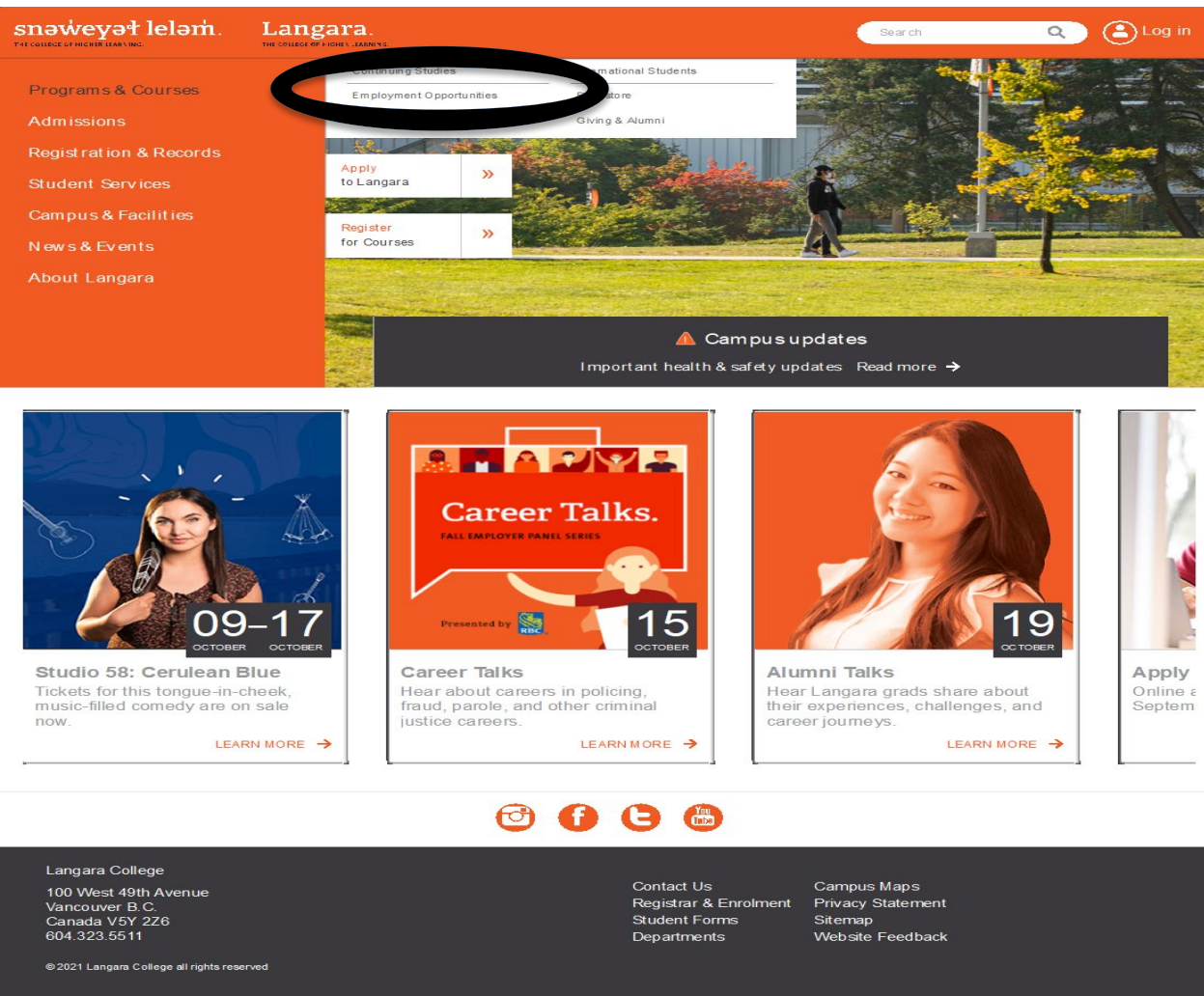
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### Appointment Type:

- ☐ Full time of Full-Time X Part-Time, Fraction (25-50%)
- ☐ Regular X Temporary



# Where can you find the jobs?



The screenshot shows the Langara College website. The navigation menu on the left includes: Programs & Courses, Admissions, Registration & Records, Student Services, Campus & Facilities, News & Events, and About Langara. The main navigation bar at the top has a search bar and a 'Log in' button. A dropdown menu is open, showing 'Continuing Studies', 'International Students', 'Employment Opportunities' (circled), 'Future', and 'Giving & Alumni'. Below the navigation bar, there are buttons for 'Apply to Langara' and 'Register for Courses'. A banner image shows a person walking on a grassy area. Below the banner, there is a 'Campus updates' section with a warning icon and the text 'Important health & safety updates Read more →'. At the bottom, there are three event cards: 'Studio 58: Cerulean Blue' (09-17 OCTOBER), 'Career Talks' (15 OCTOBER), and 'Alumni Talks' (19 OCTOBER). Each card has a 'LEARN MORE →' link. The footer contains contact information for Langara College, social media icons, and a list of links: Contact Us, Registrar & Enrolment, Student Forms, Departments, Campus Maps, Privacy Statement, Sitemap, and Website Feedback.

snəwəyət leləm. Langara. THE COLLEGE OF HIGHER LEARNING. THE COLLEGE OF HIGHER LEARNING.

Search Log in

Continuing Studies International Students  
Employment Opportunities Future  
Giving & Alumni

Apply to Langara »

Register for Courses »

Campus updates  
Important health & safety updates Read more →

Studio 58: Cerulean Blue  
Tickets for this tongue-in-cheek, music-filled comedy are on sale now.  
LEARN MORE →

Career Talks.  
FALL EMPLOYER PANEL SERIES  
Presented by CBC  
15 OCTOBER  
Hear about careers in policing, fraud, parole, and other criminal justice careers.  
LEARN MORE →

Alumni Talks  
Hear Langara grads share about their experiences, challenges, and career journeys.  
LEARN MORE →

Apply Online & September

Langara College  
100 West 49th Avenue  
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604.323.5511

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www.langara.ca

# Interview

- |   |  |
|---|--|
| <ul style="list-style-type: none"><li>• Length</li><li>• Main portion (a mini lecture of 15-20 mins.)</li></ul> | <ul style="list-style-type: none"><li>• ~ 1 hour</li><li>• Lecture on <math>\lim_{h \rightarrow 0} \frac{f(x+h)-f(x)}{h}</math><br/>Or<br/>Chain Rule,<br/>Long Division of polynomials, . . . .</li></ul> |
| <ul style="list-style-type: none"><li>• Other</li></ul>   | <ul style="list-style-type: none"><li>• Scenario questions</li></ul>   |

# Advantages of Teaching at a College

- Small classes
- More contact hours
- Personal connection to students
- 38 (76 is the large size)
- 4 times 50 minutes a week (or 2 x 100)
- You mark all the exams

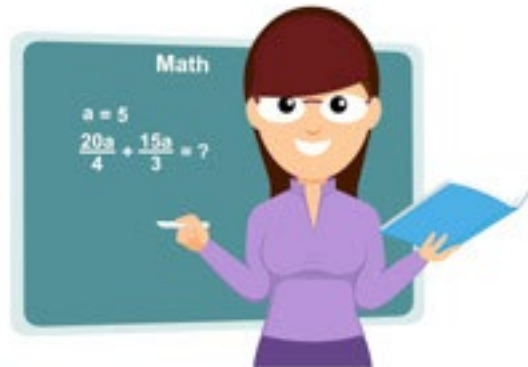




# MATH.

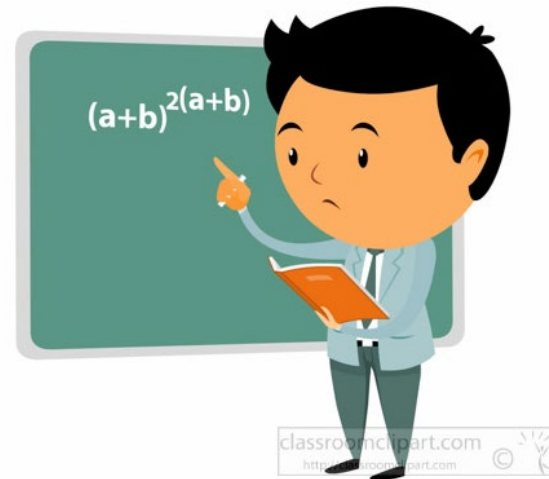
The only place where  
people can buy 64  
Watermelons and no  
one wonders why...

www.sunlight.com



# Duties?

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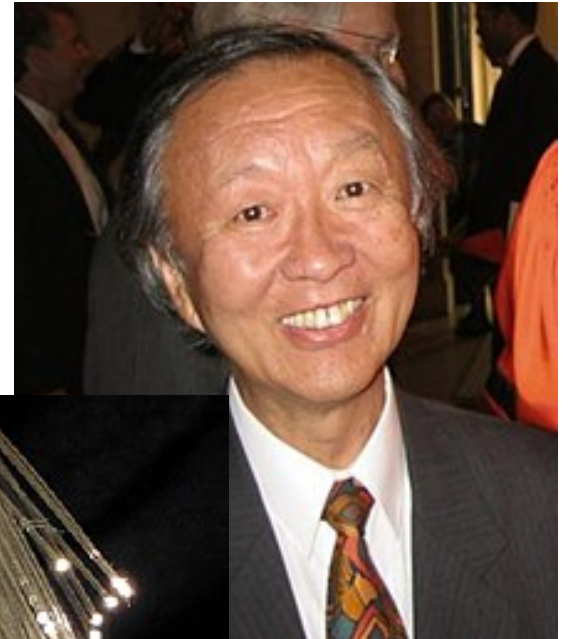
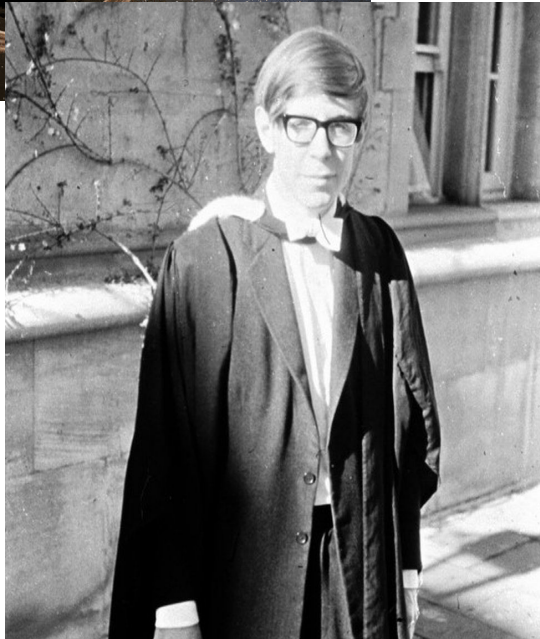
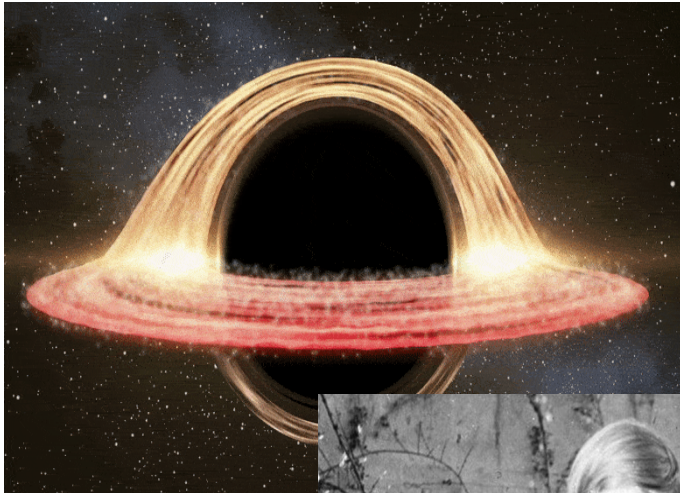


# Langara.

THE COLLEGE OF HIGHER LEARNING.



# Research?



## About Langara Applied Research

Overview Current & Past Projects ASCCI Research Project Funding  
Scholarly Activity Research Ethics Policies COVID-Specific Funding

Over 50 Applied Research Centre (ARC) Fund grants of \$3000 each have been awarded to Langara faculty since 2015. Langara faculty have been awarded over \$5-million in research funding. Each ARC fund grant is awarded to a faculty member who can get their research funded and receive funding to hire students for research. Contact Jenny Francis or Kelly Swinson for more information.

**COVID-19** Want to help find a solution to the COVID-19 pandemic? Check out the research opportunities on our [Opportunities](#) page.

## Congratulations.

Langara College recently received over \$3M of new funding to conduct applied research that will have a lasting impact on the cannabis industry in Canada, and perhaps beyond. Congratulations to the team that constructed the successful proposal and who will lead the research.

- Chemistry faculty: Kelly Swinson, Nathan Jones, and Todd Stuckless; and
- Biology faculty: Ji Yang, Jessica Kaira, Ida Hatem, and Prashant Kumar.

Learn more.

We're also pleased to announce our ARC Fund recipients for Summer 2021:

- Andrew Egan (Geography and Environmental Studies) will measure water quality parameters in Salt Creek while working with the local fishermen and the federal Department of Fisheries and Oceans. The data will guide future salmon restoration efforts and help evaluate the impact of climate change.
- Cara Tremblay (Anthropology) will explore how the use of virtual and augmented reality tools impact students' engagement with cultural heritage. She will evaluate the degree of increased learning that is occurring with digital 3D cultural heritage assets.
- Jay Letterville (Continuing Studies) will test a vintage Vespa scooter with an electric drive system, and evaluate the technical and regulatory challenges involved in incorporating these less polluting motors.

Langara students will be employed to work with these innovative instructors, gaining valuable research skills and experiences.

## Get involved.

Join the Applied Research Community of Practice (CoP)

As the Langara research community continues to grow, this forum will serve as a hub to share research ideas, resources, experiences, and questions. [Join the discussion](#) on Yammer.

### Humanities Research Writing Group

Want to make some serious progress on an academic research project this summer? Join the ARC Humanities Research Writing Group (HRRWG) each Thursday from 9:00-10:25 am. Use this scheduled time to work on your project in the virtual presence of others. Each session will begin with a 15-minute check-in to share goals, report on progress, and brainstorm and connect with other researchers. The HRRWG will run from May & August 5, 2021, and is a drop-in group. You can attend as often or little as you wish. To learn more about the group or to register and receive the HRRWG Zoom link, email [Alana Blue](#) or [Silvia Brown](#).

### Faculty & Instructor Research Inventory Report

In early 2021, ARC conducted an inventory of researchers and research needs at Langara. See the [report](#) to learn more and to find out how ARC will support research into the future.

### ARC FALL WEBINAR SERIES - Registration now open!

#### I. What is ARC and what can ARC do for you? Introduction to the Applied Research Centre

Friday, October 1: 10:30-11:30am

Learn about the supports available to Langara researchers through the Applied Research Centre, from creating a research proposal, to obtaining funding, hiring student RA's, and sharing your results. Also learn about exciting new changes coming to ARC in the next year!

#### II. Want to do research but don't know where to start? A guide for getting your project off the ground

Friday, October 15: 10:30-11:30am

This session starts at the beginning: you have an idea you would like to explore but how do you turn that idea into a funded research project? We will show you how to create a research question, select methods, form a research team (even a tiny one), apply for ethics approval (if needed), and get started with a research workshop.

#### III. How to apply for research funding: Opportunities and supports available

Friday, October 29: 10:30-11:30am

This session is all about how to get the money you need to conduct the research project of your dreams. We will show you how to search for and identify appropriate funding sources and offer tips for applying. ARC Coordinators are here to help you fund your project!

#### IV. Researcher roundtable: The ups and the downs - share your experience of conducting research at Langara

Friday, November 5: 10:30-11:30am

Attend this event to meet other Langara researchers and hear about their experiences. Bring your own research story - good or bad! A wise researcher once said that if research doesn't change you (the researcher), then it wasn't good research. We can learn a lot from other researchers' victories and struggles.

#### V. Knowledge dissemination: Sharing your research findings with diverse audiences, including in academic publications

Friday, November 12: 10:30-11:30am

Have you completed a research project, but the findings are collecting dust on a shelf? Learn how to share your research findings with the audience you want to reach whether they are community members, policy makers, service providers, or academics.



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# Applied Research Centre

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