



## September 2024



Congratulations to Snyder member [Dr. Derek McKay](#), [Dr. Craig Jenne](#), and [Dr. Ranjani Somayaji](#), on their recent appointments to professorships. **Dr. McKay** has been appointed to the **Dr. Lloyd Sutherland Professorship in IBD/GI Research**, **Dr. Somayaji** to the **GSK Professorship in Inflammatory Lung Disease**, and **Dr. Jenne** to the **Jessie Boden Lloyd Professorship in Immunology Research**. Each of them brings a wealth of knowledge, dedication, and innovative research to their respective fields, and we look forward to the continued impact and

advancements they will contribute to the Snyder Institute.

## Publications

- Lars Behrendt et al. **Joe Harrison**, [Microbial dietary preference and interactions affect the export of lipids to the deep ocean](#). Science 2024
- Louis E et al. **Panaccione R**, [Risankizumab for Ulcerative Colitis: Two Randomized Clinical Trials](#). JAMA, 2024
- Peyrin-Biroulet L et al. **Panaccione R**, [Risankizumab versus Ustekinumab for Moderate-to-Severe Crohn's Disease](#). N Engl J Med. 2024
- **Luke Brown, Bryan Yipp**, [Bacteria Put on an Invisibility Cloak to Cause Asymptomatic Infections](#). The Scientist, 2024

## Congrats



Congratulations to Snyder member [Dr. Keith Sharkey](#) for being elected as a 2024 Fellow of the Royal Society of Canada (RSC). The RSC recognizes outstanding scholarly, scientific, and artistic achievements, and election by peers is the highest honour an individual can receive in the arts, social sciences, and sciences. Dr. Sharkey has made

remarkable contributions to the understanding of the neural control of the gastrointestinal tract and the brain-gut connection. As a pioneer in this field, his work has been instrumental in defining a discipline now recognized for its crucial role in health, as well as in neurological, psychiatric, and gastrointestinal diseases. [Read more.](#)

- We are pleased to announce that Snyder member [Dr. Andre Buret](#) and [Dr. Kathy McCoy](#) have been elected as Fellows of the Canadian Academy of Health Sciences (CAHS). The Canadian Academy of Health Sciences (CAHS) brings together the nation's foremost experts in health and biomedical sciences to tackle Canada's most urgent health concerns. Selected from a wide range of health science fields, CAHS fellows collaborate to analyze complex health issues and offer strategic, actionable recommendations to address these challenges. This recognition reflects their outstanding contributions to the field. Please join us in extending your congratulations and celebrating this well-deserved accomplishment. [Read more.](#)
- Congratulations to Dr. Fui Boon Kai for being awarded the Emerging Scholar Research Award (ESRA). This award, presented by the Lung Health Foundation, aims to address gaps in lung disease prevention and care across Canada. It provides early-career researchers with the necessary funding to pursue independent research that contributes to lung health. Dr. Kai's work employs advanced biophysical techniques and engineered extracellular matrix (ECM) scaffolds to explore the interactions between cells and the ECM.
- We are excited to congratulate Snyder member [Dr. Dylan Pillai](#) on receiving the prestigious Humanitarian Duty Award from New England Biolabs as part of the Passion in Science Awards. This recognition highlights Dr. Pillai's dedication and outstanding contributions, and we look forward to celebrating this remarkable achievement.

## New Members



Congratulations to our new members, [Dr. Nicolas Jacquilot](#) and [Dr. Luis Murguía-Favelat](#). Dr. Nicolas Jacquilot is a cancer immunologist whose research has illuminated new molecular and cellular pathways that critically influence patient prognosis and immunotherapy outcomes. Dr. Luis Murguía-Favelat is a pediatric immunologist in the Department of Pediatrics, with research interests in inborn errors of immunity, primary immunodeficiencies, immune dysregulation disorders, and gene and cellular therapies.

## Education News



### Schedule for Grad Seminar Series for September

All lectures begin at noon. Pizza (2 pcs. per person please) provided first come first served; best to arrive by 11:50 am.

#### October 7, Clara Christie

- Laura Godin, MDIM MSc Graduate Student (Dr. Jenne's Laboratory - Department of Microbiology, Immunology & Infectious Diseases)
- Ryan Chaffee, MDMI MSc Graduate Student (Dr. Pillai's Laboratory - Department of Microbiology, Immunology & Infectious Diseases)

#### October 21, Theatre One

- Rachita Panda, MDIM PhD Graduate Student (Dr. Kubes' Laboratory - Department of Microbiology, Immunology & Infectious Diseases)

#### October 28, Theatre One

- Kaetlyn Phillips, MDMI MSc Graduate Student (Dr. Arrieta's Laboratory - Department of Microbiology, Immunology & Infectious Diseases)
- Liam Wilkinson, MDMI PhD Graduate Student (Dr. Canton's Laboratory - Department of Biochemistry and Molecular Biology)

### Snyder Postdoc and Research Associate Seminar Series

The Snyder Postdoc and Research Associates Seminar series is a monthly seminar series featuring presentations from Snyder postdocs and research associates. Seminars are typically held on the third Friday of each month and will be combined with the Snyder Institute Trainee Committee's breakfast social event for the 2024-2025 academic year. The upcoming seminar will be held on Friday, October 25, 2024, from 9:00 to 10:00 a.m. in Theatre One.

#### October 25, Theater One

- Niki Cho, PhD (Braedon McDonald Lab): Targeting microbiota-immune metasytem dysbiosis using precision microbial therapy reduces gut pathogens and improves neutrophil function

## Upcoming Events

### Snyder Research Day | Oct 9



The Snyder Research Day 2024 is scheduled for **October 9, 9:00 am - 5:30 pm**. This event provides a platform for researchers and innovators to present their groundbreaking work. The event will also offer an opportunity to connect with colleagues, trainees and staff. For more details about the event schedule and registration, please visit the [Snyder](#)

[Research Day 2024 event page](#). Lunch and reception will be provided to all registered attendees. Please register before October 2, 2024.



### LCI Data Cafe - Image Analysis: Introduction to ImageJ | Oct 7

Join us at the LCI for a beginner-friendly workshop on image analysis using ImageJ, designed for those new to the field. Open to all Snyder Institute members, the session offers a great opportunity to learn in a supportive environment—just bring your curiosity, questions, and a mug! Coffee, tea, and snacks will be provided. The workshop will take place on **October 7,**

2024, at **2:00 p.m.** MDT in the **LCI Education Room**. Space is limited, so make sure to register to secure your spot! [Click here to register](#).



### LCI Data Cafe - Confocal Imaging | Oct 21

Attend an informal Q&A session at the LCI focused on helping researchers enhance their confocal imaging techniques. This workshop is specifically for those utilizing the LCI confocal equipment and offers a chance to ask questions and exchange ideas. Bring your curiosity and a mug for refreshments—coffee, tea, and snacks will be available. The event will take place

on **October 21,** 2024, at **2:00 p.m.** MDT in the **LCI Education Room (HSC 2829)**. Since space is limited, [click here to register](#) to secure your spot!

## Host Parasite Interactions (HPI) Annual Symposium | Oct 11

The Host Parasite Interactions (HPI) Research and Professional Development (R&PD) Committee is excited to announce the HPI Annual Symposium on October 11th, 2024! This event will feature a keynote speech by Snyder member Dr. Ann Gregory, who will share her groundbreaking research on the human virome and her journey from student to assistant professor. To ensure adequate food for all attendees, please register using the link provided by Thursday, **October 3rd**, at **11:59 p.m.** The symposium will take place at Cassio AB, MacEwan Hall, University of Calgary, from 9 a.m. to 4 p.m. For any inquiries, please contact [HPI@ucalgary.ca](mailto:HPI@ucalgary.ca).

## Talk on Interrogating Host-Pathogen Interactions Through Novel Mouse Models by Jamie Fegan | Oct 4

Currently a research associate at the University of Toronto, Jamie Fegan works with a large, multi-national team focusing on developing and evaluating novel bacterial vaccines and developing transgenic mouse models to better understand host-pathogen interactions. The talk is being held on **October 4**, in room **1405A**, from **11:30 am to 12:30 pm**, with a trainee lunch to follow until 1:30 pm. **RSVP** to Glenda Maru [glenda.maru@ucalgary.ca](mailto:glenda.maru@ucalgary.ca) for the trainee lunch.

## SCoRe Halloween Party | Oct 31



Join the Snyder Community Resource team for a Halloween party! Come by to enjoy some spooky treats and mingle with fellow Snyder members. Wear a nerdy t-shirt or costume for a chance to win one of three prizes! Snacks and drinks will be provided. All Snyder members, including trainees, postdocs, staff, and PIs, are welcome! Don't miss out on the fun! [Click here to register](#).

## In The News

- **CBC News**

**Doctors warn cases of new mpox strain likely inevitable in Alberta**

Dr. John Gill talks about mpox and preventive measures to manage the viral disease. [Read more](#).

- **CBC News**

**Alberta's COVID-19 death toll more than 4 times higher than flu over past year**

Since last August, 732 people in Alberta have lost their lives to COVID-19. Dr. Craig Jenne talks about the impact of COVID-19 in Alberta, highlighting that the death toll from COVID-19 is significantly higher than that of the flu. [Read more.](#)

- **Global News**

**New Alberta COVID data highlights value of getting newly formulated vaccine once available: expert**

Dr. Craig Jenne talks about the importance of getting the newly formulated vaccines for COVID 19. [Read more.](#)

## Other News

### Snyder Institute Funding Reminder

- Snyder internal funding opportunities can be found on our website under [Membership & Funding](#)
- Snyder internal scholarship opportunities can be found on our website under [Education & Scholarships](#)

## Awareness Information



### Is your equipment calibration up to date?

- Calibration of lab equipment (i.e., balances, pipettes, calipers, etc.) ensures the collection of accurate and reproducible results.
- Regular calibration can also prolong the lifespan of lab equipment and can help reduce costs in the long run.

### Would you like to contact someone at the Snyder Institute?

On our website, our [Contact Us page](#) has some useful contacts.

## We want to hear from you! Send us your news

We invite all Snyder members, trainees and staff to send us your news about successes, lectures, workshops... anything that you would like to share with the membership. We will make every effort to post it, and the best ways for us to share your news are through our:

- [Snyder Newsletter](#)
- [Snyder Website](#) (as long as your news fits the site's guidelines)
- Twitter, LinkedIn, Instagram and Facebook channels

Do you want help publicizing your event/lecture/workshop? Send us the details **at least one month before the event date**. Please contact Anurag if you have any questions ([anurag1@ucalgary.ca](mailto:anurag1@ucalgary.ca)). Thank you.

For the latest news and information, visit us at [snyder.ucalgary.ca](https://snyder.ucalgary.ca), and at



If you have news to share, please send it to Anurag: [anurag1@ucalgary.ca](mailto:anurag1@ucalgary.ca)

Calvin, Phoebe and Joan  
**Snyder Institute**  
for Chronic Diseases

[snyder.ucalgary.ca/](https://snyder.ucalgary.ca/)



Snyder Institute for Chronic Diseases  
Cumming School of Medicine

University of Calgary  
3280 Hospital Drive NW  
Calgary, Alberta, T2N 4N1

© University of Calgary 2024  
[Privacy Policy](#)