



***HLI Summer Quarterly Meeting***  
***June 12th 2024***  
***9-10:15 am***

# Land Acknowledgement

Acknowledge that **we are gathered on the traditional, ancestral and unceded territory of** the Coast Salish peoples—Sk̓wx̓wú7mesh (Squamish), Stó:lō and Səl̓ílwətaʔ/Selilwitulh (Tseil-Waututh) and xʷməθkʷəy̓əm (Musqueam) Nations

If anyone on zoom would like to acknowledge an additional territory they are joining us from, please add it to the chat.

**Adoption of Minutes  
from Mar 18<sup>th</sup> 24  
Quarterly Meeting**

**Adopted by Jordan Guenette, Graeme Koelwyn**





# **HLI Summer Quarterly Meeting 10-11 am Hybrid – in person and zoom – June 12 24**

**Adoption of Minutes from March 18<sup>th</sup> 24**

## **Director's Update**

**Dr. Don Sin**

**Director's Update**

**Tracy Yang**

**Finance Update**

## **Operational Updates**

**Claire Smits**

**Ivan Leversage**

**Firoozeh Gerayeli**

**Dr. Evan Phillips**

**Basak Sahin**

**Michael Wu**

**Dr. Don Sin**

**Moves, Facility Repairs**

**Health & Safety, Education Updates**

**HLI Trainee Association**

**Grants and Award Successes**

**EDI Plans, Feedback for Event Ideas**

**HLI Communications Update**

**Team Player of the Quarter**

# Director's Update

## Dr. Don Sin



# **Finance Update**

## **Tracy Yang**



# OPERATING REVENUE

April 2023 – March 2024

	Budget	Received	Remaining Balance
Hospital Infrastructure Salary	\$951,643	\$951,643	\$0
UBC FOM Infrastructure Salary*	\$418,804	\$674,446	\$255,642
3% Cost Sharing	\$130,000	\$83,537	(\$46,463)
Research Support Funding– Tri Council	\$256,478	\$333,790	\$77,312
Overhead – Industry	\$100,000	\$75,909	(\$24,090)



# OPERATING EXPENSES

April 2023 – March 2023

	Revenue	Expenses	Remaining Balance
Hospital Infrastructure Salary	\$951,643	\$951,643	\$0
UBC FOM Infrastructure Salary*	\$674,446	\$572,904	\$101,542
HLI Salary Contingency	\$85,000	\$0	\$85,000





# OPERATING EXPENSES

## April 2023 – March 2024

Equipment & Facilities - MOM	Budget	Expenses	Remaining Balance
General Repair and Maintenance	\$45,000	\$34,098	\$10,902
Miscellaneous Equipment	\$22,000	\$12,043	\$9,957
Service Contracts – Other	\$50,000	\$49,731	\$269
Tissue Culture	\$31,000	\$12,440	\$18,560



# OPERATING EXPENSES

## April 2023 – March 2024

Computing - IT	Budget	Expenses	Remaining Balance
Server Room Hardware and Maintenance	\$85,000	\$138,868	(\$53,868)
Server Software	\$65,000	\$55,454	\$9,546
Workstation Software	\$40,000	\$15,935	\$24,065
Supplies	\$20,000	\$15,823	\$4,177
Computing - General	\$15,000	\$1,539	\$13,461



# OPERATING EXPENSES

April 2023 – March 2024

	Budget	Expenses	Remaining Balance
Trainee Association	\$3,000	\$3,600	(\$600)
Seminar Series	\$20,000	\$11,809	\$8,191
Education	\$4,500	\$2,283	\$2,217



# OPERATING EXPENSES

April 2023 – March 2024

	Budget	Expenses	Remaining Balance
Telephone	\$2,000	\$1,666	\$334
Courier	\$4,000	\$2,679	\$1,321
Infrastructure Training	\$3,000	\$2,857	\$143
Administrative Costs	\$45,000	\$42,278	\$2,722
Contingency	\$67,431	\$19,737	\$47,694



# OPERATING EXPENSES

April 2023 – March 2024

	Budget	Expenses	Remaining Balance
James Hogg Lung Biobank	\$121,620	\$121,620	\$0
Bruce McManus Cardiovascular Biobank	\$175,775	\$175,775	\$0



# Core Facilities

April 2023 – March 2024

GEM	Carryforward	Revenue	Expenses	Remaining Balance
Molecular Phenotyping	\$96,520	\$74,502	\$109,687	\$61,335
Cellular Imaging & Biophysics	\$190,546	\$53,463	\$51,909	\$192,100
Histology	\$63,375	\$117,066	\$70,832	\$109,609
Cell Culture	\$6,388	\$24,754	\$13,858	\$17,284
Magnetic Resonance Imaging	\$276,334	\$202,655	\$140,404	\$338,586
Freezer	\$106,199	\$116,065	\$106,864	\$115,400
Pre-Clinical Models	\$300,326	\$310,404	\$348,190	\$262,540
Information Technology / Digital Scanning	\$272,667	\$159,421	\$418,845	\$13,243

# HLI Operational Updates



# Repairs

- **McDonald Building**

- Heat traditionally turned off April 1<sup>st</sup> to Oct 1<sup>st</sup> by physical plant. If weather outside is colder than expected this results in a very chilly environment in McDonald building.
- There are desks available on 3B if you would like to temporarily move.

- **Cardiovascular Stem Cell Lab (aka CSC Lab- Laksman and Yao)**

**Heat and cooling pump issues** causing high temperatures in the lab and damage to equipment. Physical plant has been asked to revisit as they reported it was all fixed. They have a quote and should be proceeding soon

- **Core 3 has water leak in outside wall.**

- Probably during Road to Recovery reno on 2<sup>nd</sup> floor, a pipe cracked and has been leaking water all the way down to basement (Sellers and Bernatchez labs) Hoarding is going up, mold remediation may be required, ETA 3-4 weeks) The DeMarco lab has offered space in their lab during repairs





# Congratulations Tony Guo (Dorscheid Lab)



- Tony Guo, 2017 alumni of HSSW, Peter Pare Fellowship successfully defended his Master's thesis on June 5, 2024
- Tony has been accepted for August 2024 UBC, MD/PhD program
- Tony has earned Emergency Medical Responder certification in 2022
- Currently he is working towards primary care paramedic license with BC Emergency Health Services (BCEHS)

**Kudos !**





**HLI (Dorscheid lab) and Operations have been working with PHC Ventures guiding them through the process of setting up a research contract in order to conduct a project for C-Polar Technologies. Tony Guo was invited to present findings at the Vancouver Summit Conference last week.**





# HLI Summer BBQ

Mark your calendars for **Tuesday Jul 30<sup>th</sup>** for our annual Summer BBQ in Nelson Park (across the street behind St Paul's)

Remember this is where we take our annual group photo  
Make sure to pickup a ticket from reception to get in



Please join us to celebrate Dean and his retirement!  
Please RSVP to this email, thank you!

# Dean's Retirement Party



JHCC @ 1:30 PM Thursday **27** JUNE

**Thurs June 13<sup>th</sup>**  
**is Dean's**  
**last workday**  
**at HLI**  
**RSVP details for**  
**Thurs Jun 27th**  
**Will be sent out**  
**shortly**



# Health & Safety Education Events



# Health & Safety

- Fume hood recertification – Coming soon
- Safety Day – Wednesday July 31<sup>st</sup> – in progress
- Chemical Inventory initiative – Inventories due June 12 - site visit to start shortly
- UBC St Paul's JOHSC – All committee member have completed their JOHSC training
- First Aid Poster- Updated version will be shared with FoM and other JOHSCs –Thanks Tiffany Chang
- It is mandatory for all new hires (students and staff) to attend an HLI Orientation session. We do not accept volunteers due to liability issues
- N95 Fit Testing – Contact Ivan Leversage  
[ivan.leversage@hli.ubc.ca](mailto:ivan.leversage@hli.ubc.ca) to arrange a fit test appointment



# WHAT NOT TO WEAR in the lab this summer



# Health & Safety

- **Appropriate Summer Clothing in Research Facilities**
  - Minimum requirements for PPE in a wet lab include:
    - Fully covered, liquid resistant footwear
    - Long loose fitting pants
    - Buttoned lab coat with the sleeves rolled down
- **Suggestions to offset the higher temperature:**
  - Frequent breaks
  - Lighter weight garments
  - Alternative working hours



# Education Update

- **RIP** – last Spring session June 10 starting Fall session September 9
- **Friday Seminar Series** – last Spring session June 14 starting Fall session September 13
- **HLI Friday Seminar Funding Request** – Thank you to all who have contributed, have raised **\$5000** to date
- **PATH 521** – Underway Started June 4th
- **SSRIP** – Starting June 24th
- **Shiga University Medical Sciences Summer Exchange Students**  
(SUMS 2024) 2 students August 6th – August 30th

# High School Students April 22-26



# HLI Summer Student – Bring your Lunch and Learn Seminars Series for 2024



Starting June 12, 2024  
Wednesdays 12 noon – 1 pm\*  
James Hogg Conference Centre

- June 12<sup>th</sup> – Giving an Effective Oral Presentation – Dr. Rachel Eddy
- June 19<sup>th</sup> – Abstract Writing Workshop – Dr's Evan Phillips & Michele Schaeffer
- June 20<sup>th</sup> (Thurs) – Let's talk Tissue Culture – Dr Gurpreet Singhera
- June 24<sup>th</sup> – Summer Student Research in Progress (SSRIP) starts
- June 26<sup>th</sup> – Scientific Poster Presentation – Dr. Pascal Bernatchez
- July 2<sup>nd</sup> (Tue) – How to Publish Papers – Dr. Tillie Hackett
- August 16<sup>th</sup> – HLI Research Day

\*some seminar times maybe extended



# TAHLI's UPDATE

***Firoozeh Gerayeli***  
*Chair*

***Sunaina Chopra***  
*Administrative Chair*



# Bioinformatics Committee



The Bioinformatics Training Committee organized an event in collaboration with the GenomeBC



Trainees tested out the new Metadata Commons



12 people took part and GenomeBC acquired useful feedback to improve data sharing and collaboration in BC



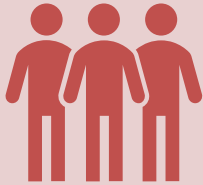
# Mentorship Committee



Mentorship  
Committee hosted  
their Monthly Coffee  
Walks on

- March 14th (11 attendees) and
- May 3rd (10 attendees)

# Scholarship and Peer Review Committee



Collaborate with the Grant Team to host the annual Lunch and Learn featuring **Abstract Writing and HLI Internal Award** (James Hogg/Bruce MacManus/Peter Pare Award)

June 19th 12 pm at JHCC



Collaborate with the Grant Team to host **Introduction to the Tri-agency awards** (AKA: CGSD/CGSM/Vanier)

Likely in July



# Upcoming Session: Professional Development

## Career Beyond Bench Series :

- *An evening with Medical Science Liaisons*

–*MERCK*

–*GSK*

- Date: TBA





# Research Day 2024

- Important Dates:
  - **July 2 at noon:** Abstract deadline for Summer Students
  - **July 15 at noon:** Registration and Abstract deadline (all students)
  - **July 22:** Results sent to presenters
  - **August 16 from 9am-4:30pm:** Research Day at UBC Robson Square



AUG  
16  
2024

From 9 am to 4:30 pm  
UBC Robson Square  
800 Robson Street  
Vancouver, BC  
V6Z 3B7



SAVE  
THE  
DATE

# Research Day 2024

## Registration now open!



# Grants and Awards

March 19 - June 12, 2024

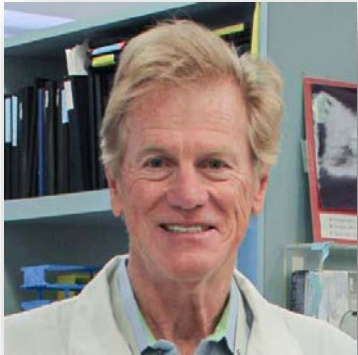
# PI Grants and Awards

## Canada's Immuno-Engineering & Biomanufacturing Hub

*AVENGER: Advanced LNP RNA Vaccines Engineered with Next-Generation designs to Enhance pandemic Readiness*

\$18.65 million (Canada Biomedical Research Fund)

\$12.76 million (Biosciences Research Infrastructure Fund)



**Jim Russell** (co-applicant)



**Kelly McNagny** (co-applicant)



# PI Grants and Awards

## NSERC Collaborative Research and Training Experience



**Kelly McNagny** (co-applicant)

*NSERC CREATE in ImmunoEngineering (ImmunoE)*

\$1.65 million



# PI Grants and Awards

## **NSERC Discovery Grant**



**Graeme Koelwyn**

*Monocyte adaptations to chronic exercise stress*

\$177,000



**Ying Wang**

*Cell-cell and cell-microenvironment interactions maintain tissue homeostasis of the cardiovascular system*

\$155,000



# PI Grants and Awards

## Heart and Stroke Foundation Grant-in-Aid



### Ying Wang

*Characterizing the inflammatory pathways targeted by colchicine to better repurpose drugs for coronary artery disease*

\$300,000



# PI Grants and Awards

## 2024 American Thoracic Society



**James Hogg**

**Solbert Permutt Trailblazer Award**



**Chris Ryerson**

**Mentoring Award in Clinical Problems**





# Trainee Grants and Awards

## Vanier Canada Graduate Scholarship



### **Razieh Banijamali**

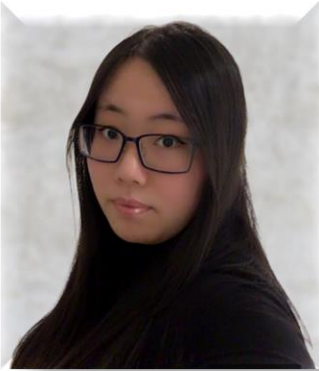
*Enhancing Triple-Negative Breast Cancer Therapeutics  
with Oncolytic Virotherapy*

\$150,000



# Trainee Grants and Awards

## CIHR Doctoral Research Award



### **Yolanda (Chen Xi) Yang**

*Towards precision health in chronic obstructive pulmonary disease: A single-cell and spatial transcriptomics atlas of airways across the full spectrum of disease severity*

\$105,000



### **Eric (Pinhao) Xiang**

*Understanding macrophage-smooth muscle cell interactions in foam cell development in atherosclerosis*

\$105,000



# Trainee Grants and Awards

## BC Lung Foundation

### Respiratory Rehabilitation Fellowship

**Alanna Hind**

\$12,500



**Sunaina Chopra**

*Niw'h Yizt'Iyh Hilht'Iz Nets'Eelh'Iyh – “Strengthening Our Bodies”:  
Exploring the impact of land-based activities on the health and  
wellbeing of BC First Nations men*

\$12,500



# HLI EDI Committee

*Introductions and Updates*



# EDI Committee:

## Events:

- ❖ **Feb 21<sup>st</sup>: Black History Month:**

**Documentary Viewing**

- ❖ **Mar 8<sup>th</sup>: International Women's Day:**

**Discussion group**

To join or connect with the EDI committee email us at:

[EDI@hli.ubc.ca](mailto:EDI@hli.ubc.ca)

(or scan the QR code)



# EDI Committee:

## Past Events:

- ❖ **April 22<sup>nd</sup> Writing group Launch with Dr. Pat Camp's Academic Writing Workshop**
- ❖ **May 30<sup>th</sup> Discussion Group: Invisible Disability**

To join or connect with the EDI committee email us at:

[EDI@hli.ubc.ca](mailto:EDI@hli.ubc.ca)

(or scan the QR code)



# EDI Committee:

## Coming up:

### ❖ **June 27<sup>th</sup> Writing Group**

- ❖ Pomodoro Technique
- ❖ Body doubling

### ❖ **July 25<sup>th</sup> Discussion Group: EDI in grants and awards**

- ❖ Writing EDI parts of applications with CIHR Research Excellence, Diversity, and Independence (REDI) Early Career Transition Award recipients Ana Hernandez Cordero and Yasir Mohamud



[EDI@hli.ubc.ca](mailto:EDI@hli.ubc.ca)



# EDI Committee:

## Initiatives:

### ❖ Discussion groups:

- ❖ Like a Journal/Podcast club
- ❖ Brief article/podcast/documentary circulated and discussed at session
- ❖ Theme selected based on interest

### ❖ Writing groups:

- ❖ Space for people to write and network
- ❖ Accountability through social support
- ❖ Semi-structured breaks



[EDI@hli.ubc.ca](mailto:EDI@hli.ubc.ca)





# Communications Co-op



## Michael Wu

BA Communication  
Print and Digital Publishing Minor  
World Literature Minor

Simon Fraser University

Previous co-ops:  
Fraser Health Authority  
SFU Faculty of Arts and Social  
Sciences

Reports to:  
Evan Phillips,  
Science and Grant Writer

# Role and Objectives

- ▶ Promoting HLI at all levels on social media
- ▶ Knowledge translation
- ▶ Storytelling
- ▶ Assisting committees
  
- ▶ I'm a writer, I love being creative
- ▶ Most importantly, I love checking my email!!

# Reach Out!

- ▶ If you have anything you'd like me to promote e.g. stories, research publications, upcoming events, recruitment...
- ▶  
Email (I'm always checking): [Michael.Wu@hli.ubc.ca](mailto:Michael.Wu@hli.ubc.ca) or [communications@hli.ubc.ca](mailto:communications@hli.ubc.ca)
- ▶ Or if you like climbing stairs, find me in Room 379



# Follow Us Today!

## Instagram



@heartlunginnovation

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Innovation

## LinkedIn

@Centre for Heart Lung  
Innovation (HLI)

## X (Twitter)

@HLIStPauls

Comms Team : [communications@hli.ubc.ca](mailto:communications@hli.ubc.ca)



# Team Player of the Quarter

- Comments from nominators ( from a variety of PI's, staff and students)
- Super diligent, kind, attentive, has completed tremendous amounts of sophisticated imaging and processing
- Always helps with ordering designing lab protocols training students in safety procedures. Helps ensure projects are completed whatever the hours required are



Winner is

- **May Fouadi**
- from the Hackett Lab



You win a \$50 gift card ! Let Claire know what you prefer



Fall QM

Monday Sep 23rd 9 am

