



Quarterly Meeting 9:00 - 10:00 am Zoom- Mar 8th 2021

Adoption of Minutes from Dec 7th 2020

Introduction of Guests Dr. Don Sin

Teija Beck It's Happening Campaign

Manager, Major Gifts

CSRC Project Manager

Director's Update

Dr. Don Sin Centre News

Operational Updates

Chris Robinson Human Resources News

Claire Smits Ops Notes

Dan Vikse Biobanking Freezer Room Update

Ivan Leversage Health & Safety, Education and Events

Dr. Scott Tebbutt Trainee Association News

Dr. Vivienne Chan Grants and Award Successes

Claire Smits Thanks to Lubos Bohunek

Dr. Don Sin Team Player of the Quarter winner

Adoption of Minutes from Dec 7th 2020 Quarterly Meeting Adopted by Jim Hogg 2nded by Gordon Francis





Presented to: The Centre for Heart Lung Innovation March 8, 2021

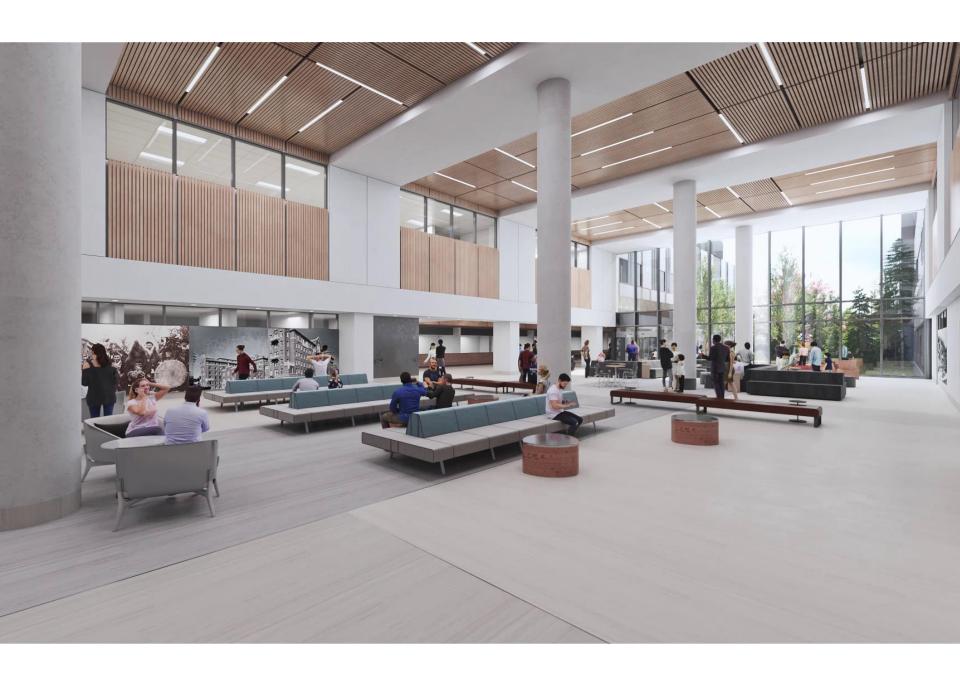




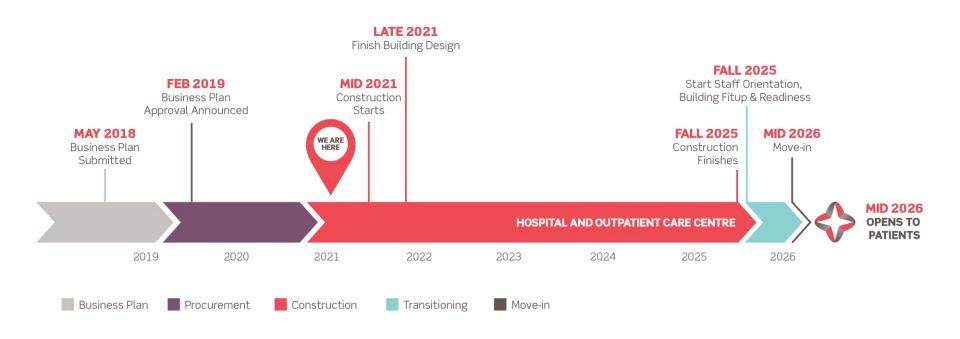








Major Milestones



It's Happening Campaign

- Your passion. Your compassion. Your leadership. And now, more than ever, your generous support.
- ➤ It's Happening Campaign allows you to create your personal legacy at the new St. Paul's Hospital.
- More than 440 physicians and PHC staff have participated in the campaign, including some of your peers at HLI!
- ➤ Each have considered a gift that is meaningful to them.
- ➤ Most gifts are multi-year pledges (over 5 years).
- Option to give monthly, quarterly, annually.
- Over \$4.7 million raised in pledges from SPH Family.
- Amazing recognition is provided individually and for groups – recognition hand-out to be circulated.
 - Your gift to It's Happening Campaign can be designated towards the CSRC, and you can also opt to direct a portion to Lights of Hope.

When the doors open, you will walk into a brand new, state-of-the art campus that weaves together the latest in design and technology, with a 125-year legacy of compassion and patient-centred care.







Breaking down your 5-year gift to It's Happening!

A 5 year pledge to *It's Happening!* Breakdown

Pledge	Pay-Period*	Monthly	Annually	Recognition				
\$500	\$3.84	\$8.33	\$100	IHC Pin				
\$1,000	\$7.70	\$16.66	\$200	IHC Pin + Family Donor Wall				
\$5,000	\$38.47	\$83.33	\$1,000	IHC Pin + Family Donor Wall				
\$10,000	\$76.92	\$166.66	\$2,000	Pin, Family + Campaign Donor Wall				
\$15,000	\$115.40	\$250.00	\$3,000	Pin, Family + Campaign Donor Wall				
\$20,000	\$153.85	\$333.33	\$4,000	Pin, Family + Campaign Donor Wall				
\$25,000	\$192.31	\$416.66	\$5,000	Pin, Personal Plaque (4"x6") Family + Campaign Donor Wall				
\$50,000	\$384.62	\$833.33	\$10,000	Pin, Personal Plaque (5"x7") Individual Plaque (16"x7"), Family + Campaign Donor Wall				
* If paid by PHC; 130 pay periods in 5 years (26 pay period/ year)								

DONATE ONLINE (LINK)

DOWNLOAD THE DONATION FORM (LINK)







Recognition on the IHC Donor Wall







The Cardiac Surgeons of

St. Paul's Hospital Dr. Martin J. Trotter



Dr. Jamil Bashir

Dr. Ronald B. Carery

Or losen Clement



Christine Andrew Telta Back Kantz Bhimani Dr. JiBan Boerstlas Brook Bosma Johann Boutter Dr. Llam Brunham Sarah Burgess Sara M. Crulkshank Dr. Karon I. Dallas

Tracy L. Dallas

Rondo Edwards

Dr. Ron Reg Dr. Kevin Rondi Dr. Laitha Rupesinghe Dr. Stephan Schwarz Dr Dob Setton

Dr. Demetrios Sirounis Dr. Terri Sun Dr. Ainsley Sutherland Dr. Andraw Thamboo

Cacilla Tupper Dr. Vishal Varshney Dick A. Vollet Tracle L. Watson

Dr. Canton Wong Dr. Cynthia Yamold









"Ultimately, the decision to support any charity hinges on the answer to one question: Will it make a difference? That's all. Will my gift make a difference? For the new St. Paul's the answer is a clear and definitive yes." Jim Pattison

Thank You



thenewstpauls.ca

THE NEW STpaul's



HLI Quarterly Meeting - CSRC Project Update

Alexandra Rivard Fradette, CSRC Project Manager, Research Component

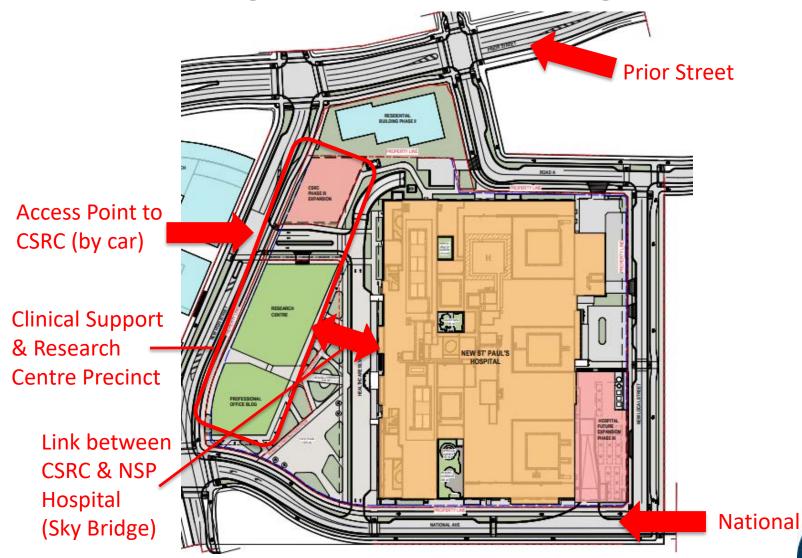


Aerial view of the current and future locations





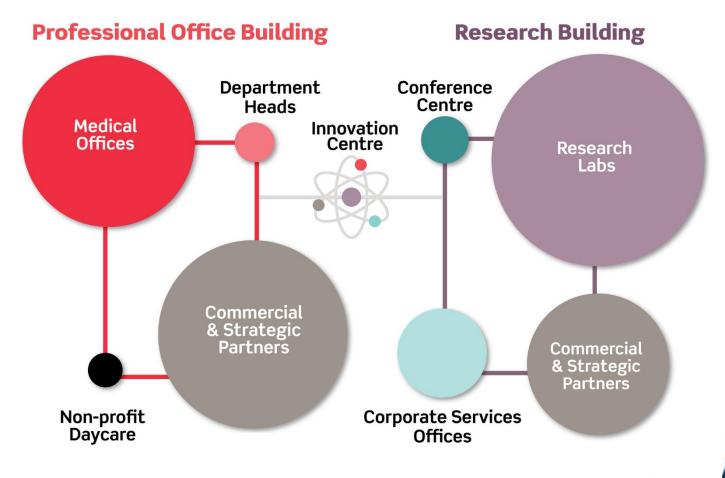
Site Configuration Showing CSRC Area



*Note: the location of the CSRC Precinct is confirmed, but the exact layout of the building(s) has yet to be decided

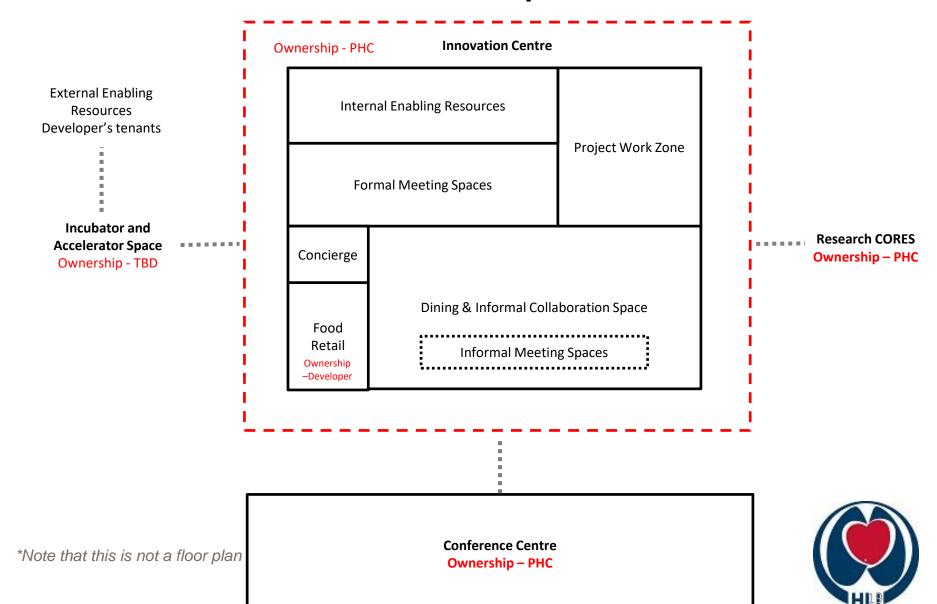
Overview of CSRC Functional Program

The Clinical Support and Research Centre





Innovation Centre Component



CSRC Functional Program – HLI Space

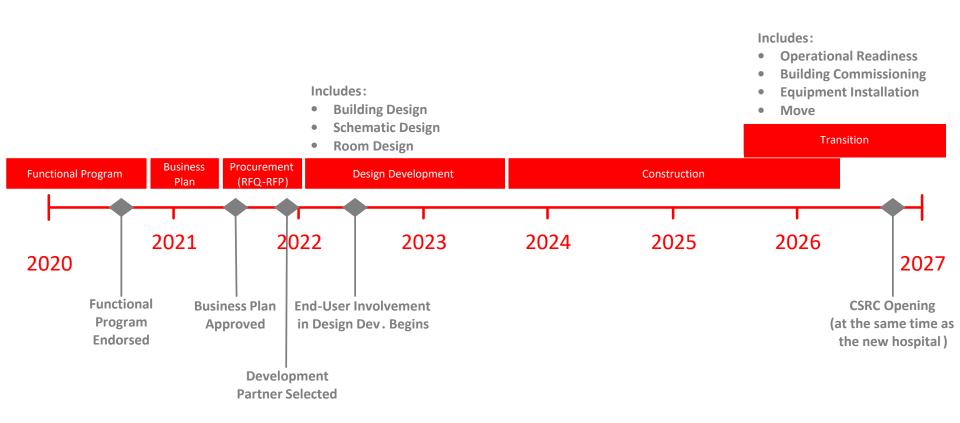
Building Gross Area	Square Meters	Square Feet
Total Area of Research Component	17,657 SM	190,058 sqft
Total Area for HLI Programming	8,632 SM	92,914 sqft

HLI Programming includes the following:

- Wet Lab Space
- Core Facilities
- Pre-Clinical Facility
- Diagnostics / Treatment Laboratories
- Workspace Neighbourhood (Staff Workstations)
- Alternative Workspace (meeting room, phone room & open collaboration space)
- Staff Support Space (storage, copy/print room, kitchenette/lounge & washroom)



CSRC Project Timeline





^{*}Note that this is a high-level timeline and it may be subject to change

Design Development (2022-2023)

- Breakdown of Design Phases
- Schematic Design January to November 2022
 - Building Concept (i.e. how many buildings, how many floors, floor size)
 - Rough drawings of a site plan, floor plans and stacking diagram (i.e. what program will go on what floor)
- Design Development July 2022 to March 2023
 - Macro to micro Progressively working with smaller scale drawings
 - Iterative process working from floor level, to room level to inside the room level (progressively smaller scale drawings)
- Construction Documents January to November 2023
 - Very specific work sessions to decide on hardware, desired finishes, etc.
 - Enough details for the contractor to building the project



^{*}Note that the dates indicated next to each design phase are approximate and they may change.

End-Users Involvement during Design Development

Role and Responsibilities

- Participate in the design process (i.e. design workshops) by providing feedback on architectural plans based on operational needs and/or constraints.
- Review architectural plans in an iterative process to ensure that they
 reflect the workshops discussion and to raise concerns over major design
 issues that could impact operations

Level of Involvement Anticipated

- Schematic Design: Research centres' leadership teams will be consulted
- Design Development: Several working groups will be put in place with multiple HLI end-users organized by sector (most time consuming)
- Construction Documents: Limited involvement, a few end-users may occasionally have to participate to special sessions on specific subject

Equipment List Update

Context

- A detailed equipment list has been developed in consultation with user groups in 2019-20 for the CSRC Functional Program and Business Plan.
- This list will be used for:
 - Facility design process to inform space and infrastructure requirements; and
 - Move planning which is expected to commence approximately 18-24 months prior to the move to the new site.
- Over the length of the project, the equipment required for the labs will evolve (i.e. older equipment replaced with new technology, new equipment added to inventory). It is critical that the equipment list is kept as up to date as possible
- Process
- What: Equipment List (Excel Spreadsheet) for all Wet Lab equipment to be transferred
- Who & How: The list will be distributed by email to Principal Investigators, Lab Managers and other staff who are responsible for managing Wet Lab and/or Correlations
 Facilities Equipment
- When: To be done annually, at the beginning of each fiscal year (April)

Example of Equipment List

Fill in columns M to Q with information for equipment that you are planning to transfer

- Column M: Add equipment manufacturer
- Column N: Add equipment model, if available
- Column O: Specify if vendor support will be required to transfer equipment (i.e. decommissioning, dismantling, moving, reassembling and/or calibrating)
- Column P: Add Equipment Control Number (a.k.a Asset Tag Number), if available
- Column Q: Add any relevent comments (e.g. missing info, or specification re: vendor support, etc.)

					•	• -				
G	Н	1	J	K	L	M	N	0	P	Q
Space label full	Equipment Item Description	ltem I(▼	Room Qty ▽	to be	Item Qty to be Transferr ed 🕶	Transfer Item Mnfr ▼	Transfer Item Model ▼	Vendor Support Required for Transfer? ✓	Transfer Equipment -	Comments ▼
Lung & Cystic Fibrosis Area (Quon & Leung Lab)	Analyzer, Lab, Microplate Reader, ELISA	PLT002-T	1	0	2					
Lung & Cystic Fibrosis Area (Quon & Leung Lab)	Bath, Water, Single Chamber	BAT001-T	1	0	1					
Lung & Cystic Fibrosis Area (Quon & Leung Lab)	Cabinet, Safety, Biohazard, 2	932811	1	1	0	na	na	na	na	
Lung & Cystic Fibrosis Area (Quon & Leung Lab)	Centrifuge, Micro	L1502.6-T	1	0	2					
Lung & Cystic Fibrosis Area (Quon & Leung Lab)	Centrifuge, Refrigerated, Table Top	L1502.4-T	1	0	1					
Lung & Cystic Fibrosis Area (Quon & Leung Lab)	Furniture, Chair, Task	F0280.1	1	10	0	na	na	na	na	
Lung & Cystic Fibrosis Area (Quon & Leung Lab)	Hood, Fume, 6ft	932959	1	1	0	na	na	na	na	
Lung & Cystic Fibrosis Area (Quon & Leung Lab)	IVD Blotter, Protein	BLT001-T	1	0	1					
Lung & Cystic Fibrosis Area (Quon & Leung Lab)	Lab Incubator, CO2	INC006-T	1	0	1					
Lung & Cystic Fibrosis Area (Quon & Leung Lab)	Refrigerator, Laboratory, Single Door	932888-T	1	0	2	·				
Lung & Cystic Fibrosis Area (Quon & Leung Lab)	Scanner, Microarray	SCN001-T	1	0	1					

Director's Update



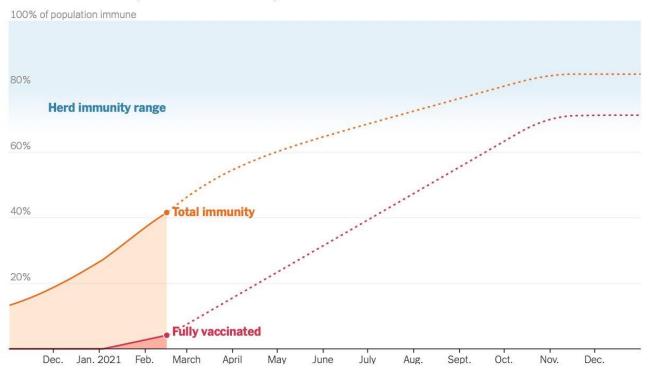
KEY TO 'NORMALCY': HERD IMMUNITY

An estimate for the path to herd immunity

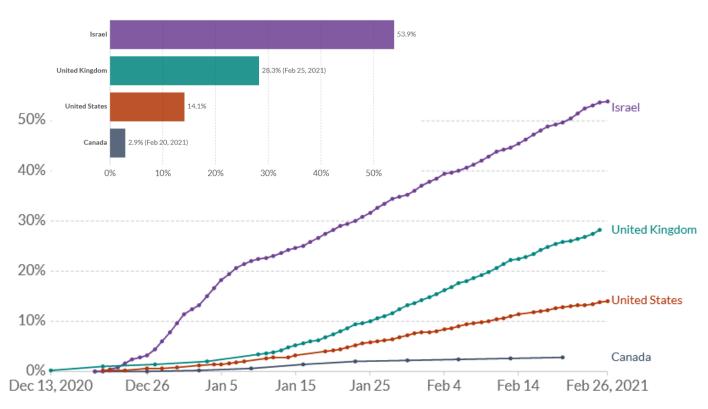


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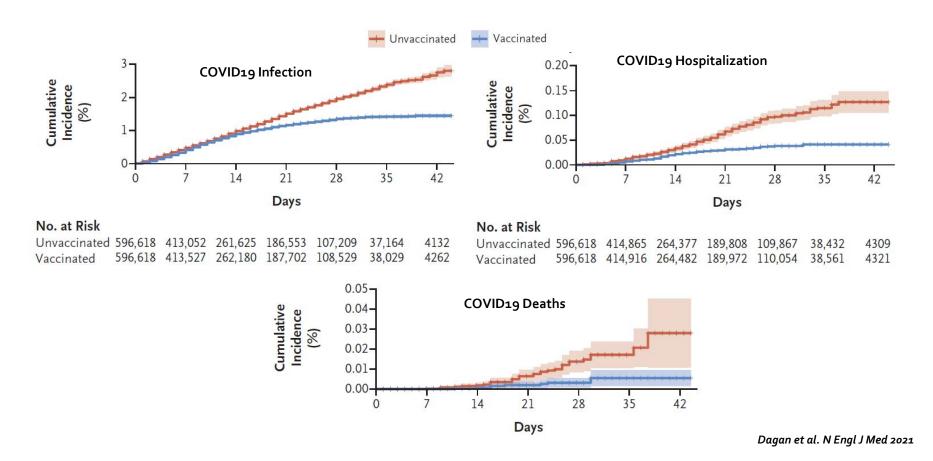


RATE OF VACCINATION IN CANADA & OTHER COUNTRIES



Source: Official data collated by Our World in Data – Last updated 27 February, 10:40 (London time) Our World In Data.org/coronavirus \bullet CC BY

IMPACT OF VACCINATION IN ISRAEL



Operations Updates



HR Update

- New students at HLI
- Workday update
- -> Approvals in Workday
- -> Vacation balances in Workday
- -> Workday general questions/concerns



COVID-19 Vaccine Now Available to HLI

- HLI faculty, staff and students who would like to be vaccinated, are invited to check in with the St Paul's vaccine registration desk on vaccine clinic days to sign up for the 'no show waitlist'.
- Vaccine that has been thawed and would otherwise be discarded will be given to those on the waitlist. (approx. 20-30)
- You must sign up in person, and if called get there within 10 minutes and bring your ID badge and care card.
- Desk is on Level 1 by room 1500. Sign up around 900/930 on clinic days, they will know ~ 230 pm if they have leftovers and will start calling those on the waitlist. (clinics this week Mar 9, 10th,13th)
- Appointment calendar may soon open up for booking on site staff.

https://vancouvercovid19vaccineclinic.janeapp.com/locations/st-paul-s-hospital/book#/treatments/30/2021-03-08





Masks



- Reminder, even if you have been vaccinated, it is still mandatory to wear masks in public indoor spaces. This includes HLI - hallways, corridors, lunchrooms, stairwells.
- If you are working alone in a office you can take it off. If you have visitors, all must wear a mask.
- If you need to work in the lab in close proximity, wear a mask and limit time as able

Non surgical face masks are available at reception, and at hospital main entrance and parking



Research Resumption Documents

As new students and staff come on board, please update your research resumption form (excel sheet):

- 2. If working on new projects add the project REB/ACC number and title to the project info sheet

Monday

Monday

Monday

Monday

- Send to Claire.smits@hli.ubc.ca. Will batch and send to FoM
- Patient based research must have approved documents in place (ethics, safety checklists) check with <u>Julie.hadden@ubc.ca</u> or <u>paula.piper@ubc.ca</u>



Research resumption requirements

- 1)Read HLI's Safety Plan document (updated)
- 2)Complete the UBC SRS Online Course: srs.ubc.ca
- 3)Watch HLI's Safety Plan video on HLI intranet



New Centre Equipment available

 Tissue Micro Array system part of HLI Histology core



 New Photo Workstation with a new camera and lighting will be located in the HLI Registry room

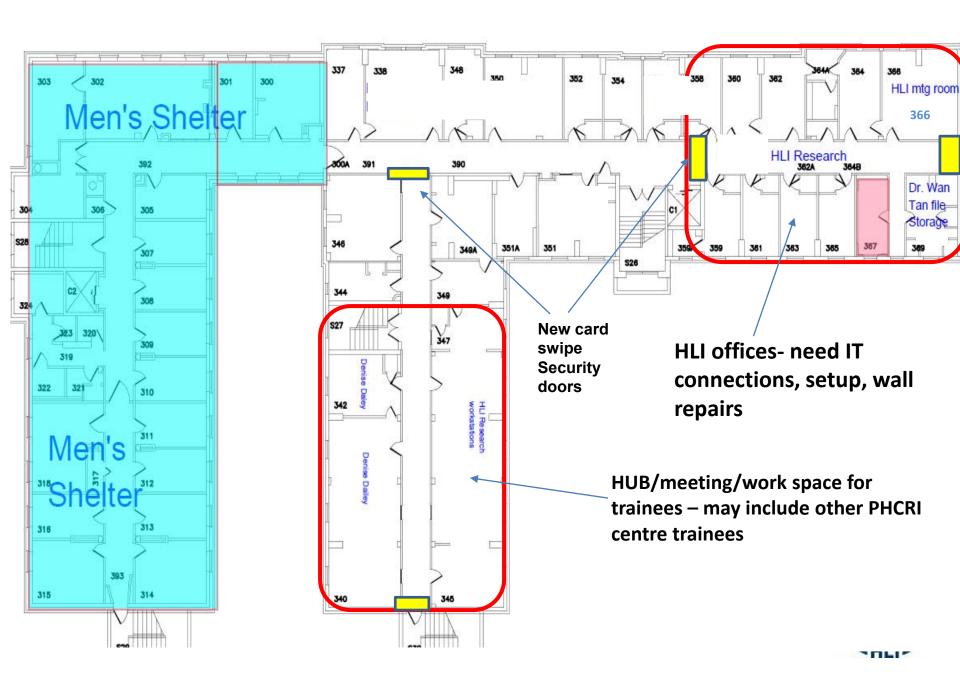


Upcoming cut off dates in Workday

- Reminder to everyone to have your expenses (P-Card expense reports and personal expense reports completed in Workday by Mar 19th.
- Please check you don't have an expense report stuck in 'draft' status
- 1) click under Expenses
- 2) click under Expense Reports
- 3) Choose "Draft" under Expense Report Status, enter in report start/end date, click "OK"
- 4) View reports in Draft status, if they need to be completed or canceled
- to open the Draft report, scroll over to the magnifying class, a three "..."
 will appear, left click and the Actions box will appear
- Scroll over to "Expense Report", and choose appropriated action (Edit, Cancel, Copy, Print
- Please contact Tracy Yang if you have any questions.



Comox 3rd floor



Wet lab space 2021-2026



- Over the next 5 years we will need to densify our existing wet lab space where possible.
- PI's and lab managers: please take a critical look around your lab and determine if any space (even ½ a bench or one side of a bay) could be freed up for future PI's.
- INCENTIVE: They may have funds to contribute to new equipment you can both share. Their staff may have skills to assist with your projects.

International Women's Day Mar 8th 2021



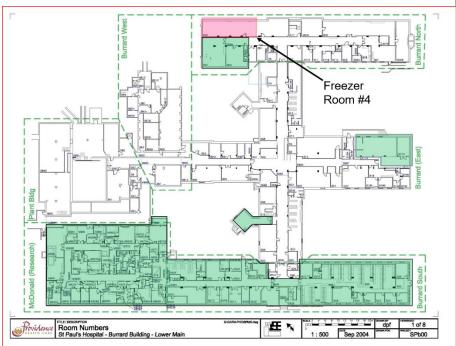
https://events.ubc.ca/international-womens-day/

https://www.womansday.com/life/real-women/g35739830/virtual-international-womens-day-events/



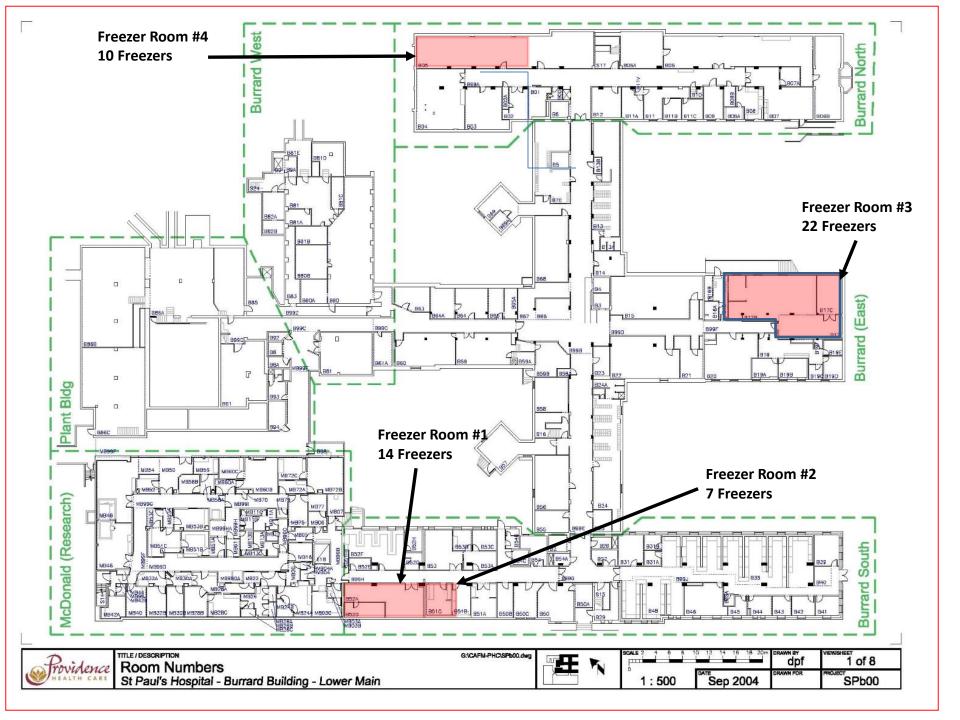
New Freezer Room

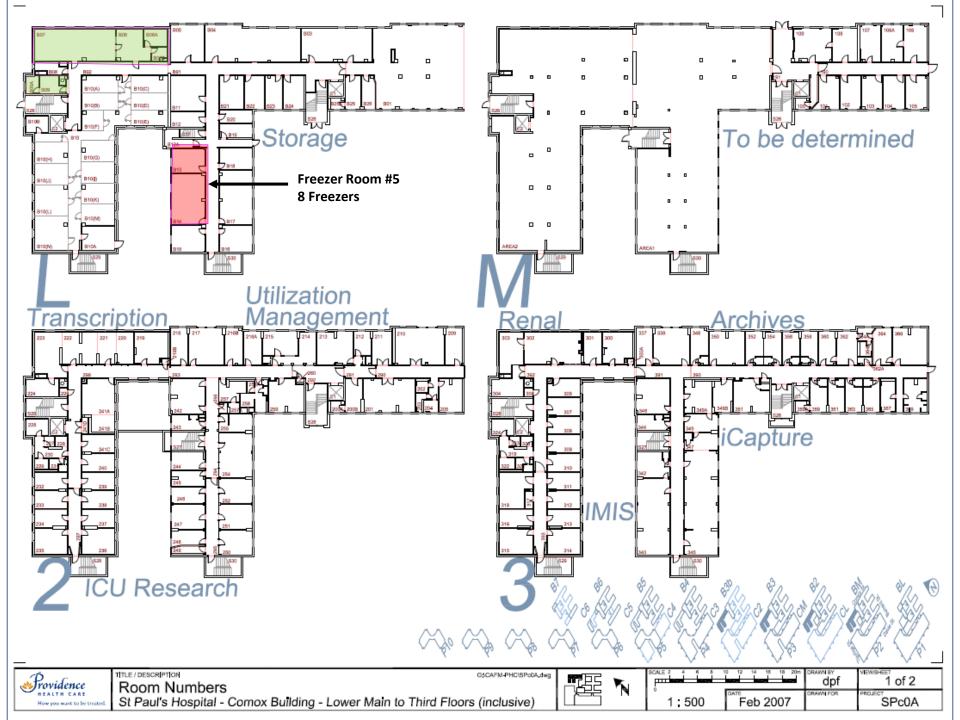
- Freezer Room #4 completed construction in January 2021
- Space for 9 freezers plus 1 one Emergency Back-up freezer
- 3 of the 9 spots have tentatively been assigned











Updates

Health & Safety Education



Health & Safety

- Wipe down frequently touched areas with disinfectant spray or wipes in your area
- Wash your hands frequently and avoid touching your face
- Please ensure you stay safe and if you have signs of illness, stay home



Health & Safety

- New round of Lab Safety Inspections have started kicked off with the Seow lab
- Working from Home Ergonomics Information sheet –
 Contact Dean English if you have any Ergo concern
- Sanitization station supplies (spray bottle & wipes) –
 Contact Ivan Leversage if supplies need replenishing
- Reminder: Conduct your daily self assessment BC COVID-19 Self-Assessment Tool which can be found online at https://bc.thrive.health/covid19/en

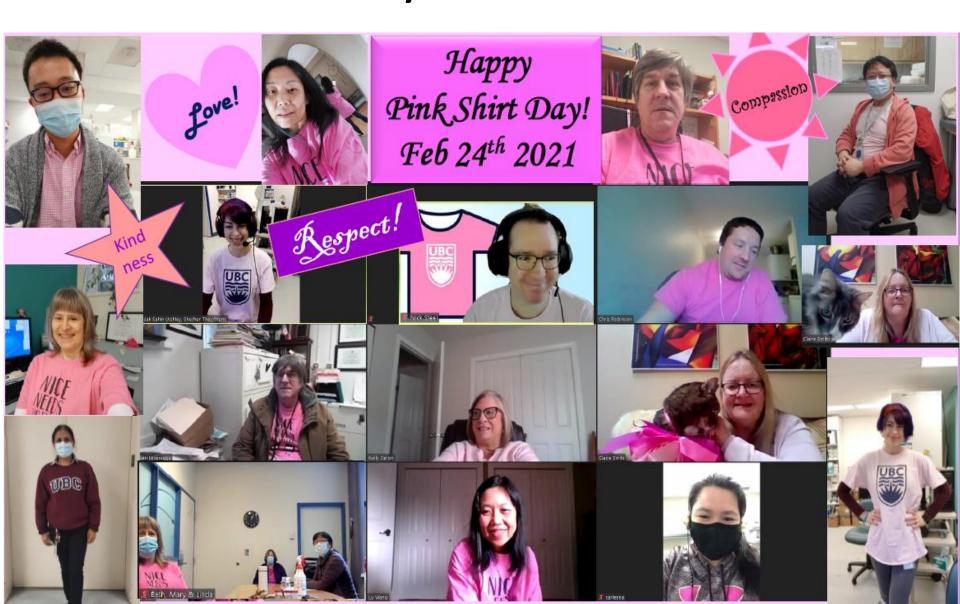
Education

- Virtual RIP Seminar Series started January11th
- Virtual HLI Friday Seminar Series started January 15th
- MEDI/PATH 570 : CARDIOVASCULAR PATHOPHYSIOLOGY
 Disease

 Started January 13th
- MEDI560/PATH 560 : PULMONARY PATHOPHYSIOLOGY -Started January 14th
- Virtual Friday Seminar Speakers –4 spots available
- Summer Student/Trainee Research Day August 20th (in planning stage)



Pink Shirt Day at HLI- THANKS BASAK



Seminars/Events

- IDT Seminar Jan 20th Expanding the CRISPR toolbox:
- HLI's Kind Hearts Day February 12th chocolate hearts distributed
- Grants Workshop Feb 25th Writing Scholarship & Grant Applications
 Thanks to Vivienne Chan for leading this workshop
- Coming up: Road to Successful PCR Seminars : Wed Mar 10th and Wed Mar 17th 1-2:30 pm- Basak Sahin



Healthy Workplace Initiative Program

- We plan on applying for HWIP funding in 2021
- Pilates classes or yoga or something else ?
- All Classes will be virtual
- Send your suggestions to Basak or Claire



- VIRTUAL CLASSES
- 15 people max per class
- A camera setup (your phone is fine) so the instructor can see you
- Complete a participant questionnaire
- 4 people (physical distancing) can join onsite from Gourlay

Dr. Scott Tebbutt Education Director / Trainee Association News



New Training Project:

Knowledge Translation and
Mobilization: Re-imagining Graduate
Student Education to Create the Next
Generation of Health Professionals,
Advocates and Communicators

UBC Advancing Education Renewal Focus Area 3 "Reimagining and Strengthening Graduate Programs"

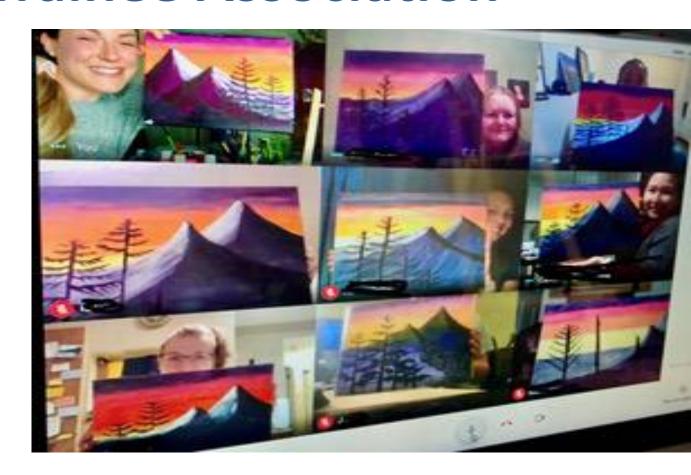


Goals & Activities

- Help trainees develop basic KT and communication skills, and identify ways to build KT into their research projects
 - 1. Developing KT training materials
 - 2. Seminar Series: KT Basics and Implementation in Patient-Oriented Research
 - 3. Workshops: Public Communication
 - 4. Putting Knowledge into Practice: Public and Patient Focus Groups, 3-Minute Thesis (3MT)

HLI Trainee Association

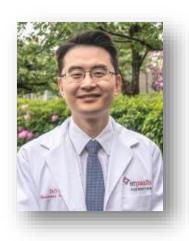
Paint Night (last Feb 26)



Upcoming:

- -Trivia Night (World Tour Edition(3rd week of March)
- -HLI Trainee Association Logo
- -Dr. Sin at a Trainee Association meeting

December 8, 2020 to March 8, 2021



CRC Tier I – Chronic Obstructive Pulmonary Disease (renewal)

Don Sin *\$1,400,000*



CRC Tier I – Asthma and Chronic Obstructive Pulmonary Disease (COPD) Pathobiology and Therapeutics

Tillie Hackett *\$1,400,000*





MSFHR Health Professional Investigator Award Gordon Francis

Redefining Atherosclerosis: Characterizing And Targeting Smooth Muscle Cell Foam Cells For The Treatment And Prevention Of Coronary Heart Disease And Stroke \$270,000



ALS Canada-Brain Canada Discovery Grant Honglin Luo

Cytosolic DNA sensing in ALS-related neuroinflammation \$125,000



UBC Advancing Education Renewal Funds Scott Tebbutt

Knowledge Translation and Mobilization: Reimagining Graduate Student Education to Create the Next Generation of Health Professionals, Advocates and Communicators \$50,000



Public Health Agency of Canada - COVID-19 Immunity Task Force

Co-I: Mari DeMarco (PI: Marc Romney)

Integrating longitudinal epidemiologic, virologic and immunologic analyses to understand COVID-19 immunity and infection outcomes in long term care \$1,199,680



UBC Grants for Catalyzing Research Clusters Don Sin

The Airway Centre \$200,000



UBC Faculty of Medicine's International Women's Day 2021 feature
Tillie Hackett



MITACS Accelerate



The role of regulatory T cells in blood during acute heart transplant rejection (\$30,000)

Supervisor: Scott Tebbutt

Intern: Shanay Niusha

Partner: PROOF Centre of Excellence



Trainee Grants and Awards

HLI James Hogg Awards 2020

Abhinav Checkervarty AlRohet Hossain Carleena Ortega Effimia Christidi Feng Xu Jinelle Panton Kate Huang Katrina Besler Simran Samra Tim Xue Tony Guo



Trainee Grants and Awards



Nominee for the 2020 Killam Postdoctoral Research prize
UBC-O ASPIRE Program

Emmanuel Osei

\$125,000

Assistant Professor, Department of Biology, UBC Okanagan (July 1,2021)



Congratulations to Lubos Bohunek

- Lubos will be retiring HLI March 25th, 2021
- A hardworking, reliable member of the GEM team.
- Sharing his skills in echocardiography, surgical procedures and support for others. Lubos is always willing to jump in and work hard to help out where needed







With the GEM Facility for 15.5 years Before that with the McManus lab for 9 years



Always game for fun and celebrations

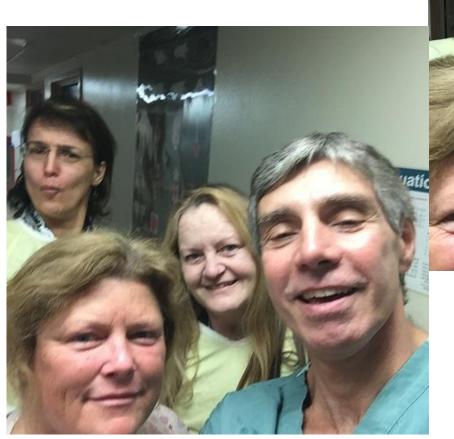


Fond of sweet treats





The GEM team will miss you





HLI will miss you Lubos!





ENJOY YOUR RETIREMENT!





Team Player of the Quarter

Every Quarter we nominate a deserving HLI member for the Team Player of the Quarter Award

The nominee can be a staff member, student or PI. That person did something exceptional and/or caring for their fellow team members and will be rewarded with a \$50 gift card (of their choice)



HLI Spring 21 Team Player of the Quarter Award

Five nominees! Here's what was said about the winner

- He is an amazing resource for all of the complex lab processing we have been doing for our studies especially dealing with COVID samples.
- He has gone over and above to help us with sample processing and protocols. His experience dealing with viruses has been so helpful during this time. He has not only been instrumental with studies but he has helped with other PI's studies as well. He is so collaborative. He is also a pleasure to work with.
- I just wanted to give him a shout out as he really deserves it.
- He is always such a kind person and extremely helpful



And the winner is

Chung Cheung





Next Quarterly Meeting Summer 2021 Monday June 14th 9-10 am

