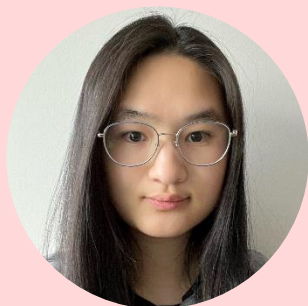


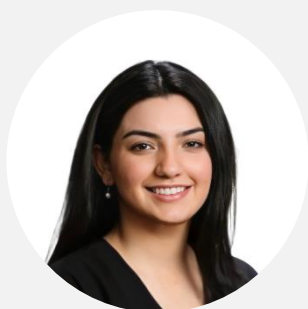
# SUMMER STUDENTSHIP PROGRAM 2022

MEET THE CBR STUDENTS!



## CHRISTINA PAN

Christina is a third-year student in UBC's Biochemistry Honours program. While at UBC, she completed the Science One program in her first year and continues to be involved with this program as a Wellness Tutorial Leader - providing first year students with tools to help them manage their time, stress levels, and general wellbeing. Over the summer, she will be working on a project that seeks to identify substrates of MALT1 and whether or not the cleavage of known substrates will vary with different CBM platforms. Outside of school, Christina enjoys playing the piano and tennis.



## JASMIN MALHI

she/her

"[ j ae s - m ih n ] [ MUL he ]"

Jasmin is a fourth-year Integrated Sciences student at UBC. In the Pryzdial Lab at the Centre for Blood Research, she aims to demonstrate the activity of tissue factor, which has been known to trigger clotting and innate immune responses, on the surface of the model respiratory tract inflammatory coronavirus, HCoV-229E. Jasmin gained laboratory experience and her enthusiasm for research in this lab. She is grateful for the mentorship provided by Dr. Ed Pryzdial and Dr. Michael Sutherland, as well as the opportunity to participate in the Summer Studentship program.



## KATE HALVERSON-KOLKIND

Kate Halverson-Kolkind is a fourth-year student currently enrolled in the Bachelor of Medical Laboratory Sciences at UBC. Kate became interested in research during high school, when she participated in a program offered by Oregon Health and Sciences University. She gained laboratory experience working within the Department of Proteomic where she assisted research in cataract formation. Through the experience, Kate came to appreciate the importance of collaboration, persistence, and curiosity. This summer Kate will assist Dr. Anna Herrmann in developing immunomodulating polymer conjugates to target and treat glycoalyx dysfunction in inflammatory conditions.



## MARCUS SHEW

Marcus Shew is a third-year student at UBC. He is thrilled to be able to continue with research at the CBR and the opportunity to study the quality of red blood cell quality in fatty whole blood donations this summer. He is grateful for the support and mentorship of Dr. Dana Devine, Dr. Narges Hadjesfandiari, as well as the Centre for Blood Research.

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## MELODY WENG

she/her/hers

This summer, Melody is excited to perform research exploring the efficacy of calcium administration in promoting hemostasis and reducing hypovolemic shock in trauma patients. She will be quantifying relationships between calcium administration, patient outcomes, and other relevant laboratory values with data from patient charts. Through her research, she aims to gain more insight into improving trauma patient prognoses by exploring best practices in calcium administration, providing trauma physicians with empirical guidance under time-critical situations.



## NATHAN LOUIE

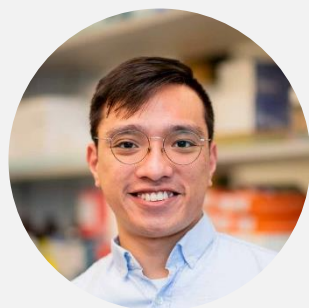
he/him/his  
"nay-thn"

Nathan Louie is excited to be a part of the program and to be working in the Foster Lab this summer! Nathan will be entering the final year of the Microbiology and Immunology program at UBC this upcoming fall, and is interested in research focused on bacteriology and host immune responses. Nathan enjoys running cycling, and going out to eat with friends!



## PANIZ GHAVIMI

Paniz Ghavimi is a second-year student in the faculty of Sciences at UBC. Paniz is interested in human anatomy and physiology, and has a particular interest in the cardiovascular system. This summer, Paniz will be working in Dr. Conway's lab, and investigating and exploring alternative roles for Factor D in vascular homeostasis. Paniz looks forward to developing skills and being a part of the CBR and SBME academic community.



## QUAN NGUYEN

Quan Nguyen recently completed an undergraduate degree in Biochemistry Honours at UBC. Quan worked in the Kim lab for his thesis project, investigating the role of the actin cytoskeleton in platelet microparticle formation and release. During that time, Quan also investigated the mechanisms related to platelet activation by bacterial lipopolysaccharide (LPS) through the toll-like receptor 4 (TLR4) pathway. This summer, Quan looks forward to continuing his project to explore the signaling pathways (and intermediates) downstream of TLR4 activation in platelets.

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## RALPH UY

Ralph Uy is a 4th year student at UBC majoring in Integrated Sciences with a focus on immunology and physiology. Ralph enjoys playing badminton or going to the gym, and is excited to be a part of the program!! As someone who is considering going into research in the future, being able to have the opportunity of working in a lab will help Ralph build skills and experience. Ralph is looking forward to working on his project.



## SOFIA LEVY

Sofie Levy is an undergraduate student at the University of British Columbia completing her Bachelor of Science with a major in Biology. She spent the past year at Oak Tree Clinic as a co-op student assisting with clinical study visits for the BCC3 study which aims to learn more about the healthy aging of women living with HIV. She will now be working in the Côté lab to analyze how persistent viral infections may further contribute to HIV-induced chronic inflammation and affect all-cause mortality risk.



## TIEN DO

she/her/hers  
"ti - en"

Tien has just finished the second year of her Joint Honours Combined UBC-BCIT Biotechnology degree. She is passionate about Microbiology and Molecular Biology, especially about how they can transform human health. As a recipient of the Centre of Blood Research Award 2022, she is going to work at Hancock Lab on evaluating the synergistic interaction between antimicrobial peptides and other antibiotics to tackle the current antibiotic resistance problem.



## WARIS BHATIA

Waris Bhatia is in the final year of his undergraduate degree pursuing a Bachelor of Medical Laboratory Science (BMLSc) in the Department of Pathology. He is currently supporting the universal blood project in the Kizhakkedathu Lab at the Centre for Blood Research (CBR). His interests lie in conducting translational biomedical research as well as interdisciplinary health research. In his free time, he enjoys playing chess, pottery, and going on long hikes!