

MURC

MULTIDISCIPLINARY
UNDERGRADUATE
RESEARCH
CONFERENCE

CURIOSITY WITHOUT BORDERS

MURC 2026



CELEBRATING STUDENT RESEARCH



THE UNIVERSITY OF BRITISH COLUMBIA
Centre for Community Engaged Learning
Student Affairs

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LAND ACKNOWLEDGEMENT



We acknowledge that MURC 2026 takes place on lands that have been cared for by Indigenous Peoples since time immemorial. We specifically recognize that the University of British Columbia's Vancouver Point Grey campus is located on the traditional, ancestral, and unceded territory of the $x^w m \theta k^w \acute{a} y \acute{a} m$ (Musqueam) people, and that UBC's Okanagan campus is located on the traditional, ancestral, and unceded territory of the Syilx Okanagan people.

As a conference dedicated to undergraduate research, we recognize that curiosity and inquiry are always shaped by place. The questions we ask, the methods we use, and the knowledge we produce are influenced by the lands on which we gather and learn. Being present on unceded territories invites us to reflect on whose knowledge has historically been valued in research spaces, and whose has been excluded.

As we come together to celebrate student research at MURC 2026, we are reminded that meaningful inquiry carries responsibility. This includes approaching research with humility, respect, and accountability to the lands, communities, and knowledge systems that make our work possible.

ABOUT MURC 2026

“

Our theme this year, “Curiosity Without Borders: Celebrating Student Research,” challenges researchers to venture beyond the boundaries of their own disciplines while embracing the unique perspectives and experiences that shape their work.

We aim to foster a spirit of collaboration that encourages attendees to engage in open dialogue, share ideas across fields, and discover new ways of thinking. This year’s conference will highlight how interdisciplinary collaboration can spark innovation and generate impactful answers to some of the most complex academic and societal challenges.

”

THIS YEAR

MURC

MULTIDISCIPLINARY
UNDERGRADUATE
RESEARCH
CONFERENCE

IS EXCITED TO FEATURE

250+ PRESENTATIONS

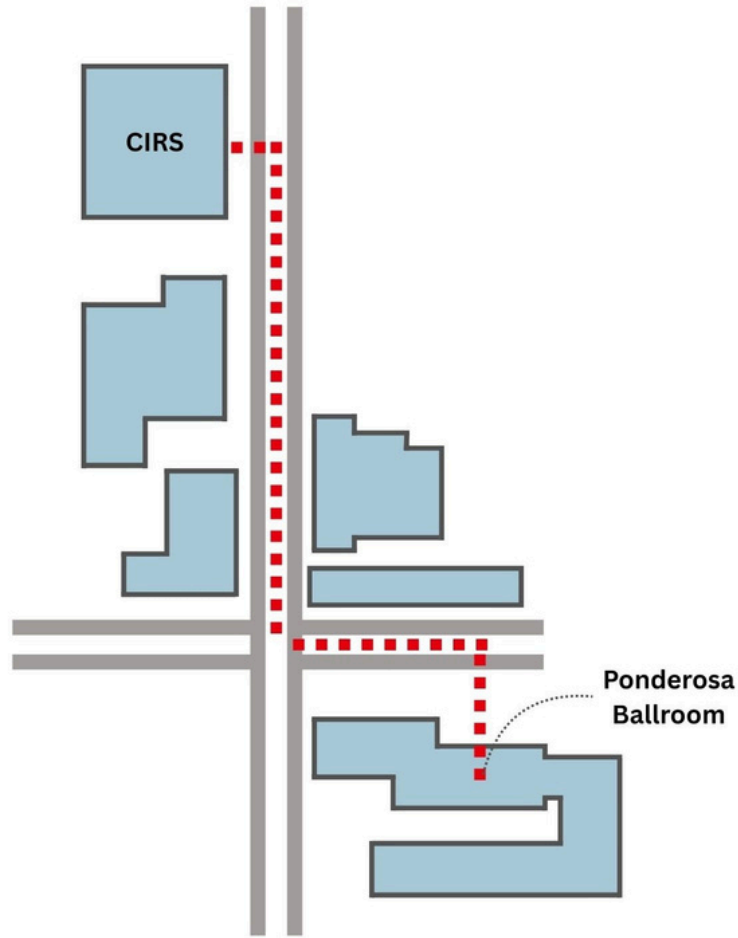
FROM

350+ UNIQUE PRESENTERS

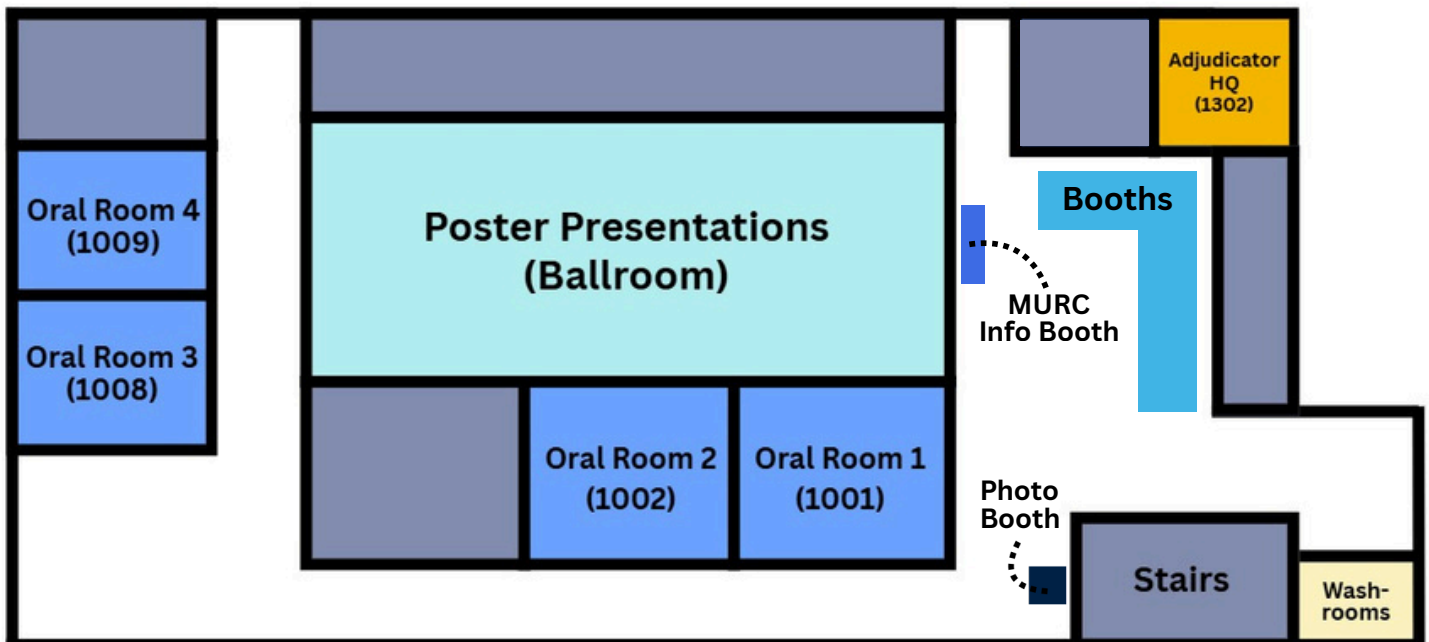
SCHEDULE

Time	Event	Location
9:00 AM – 10:15 AM	Wave 1 Oral & Poster Presentations	Ponderosa North
8:30 AM – 3:30 PM	Presenter Registration (Open All Day)	CIRS
10:30 AM – 11:45 AM	Wave 2 Oral & Poster Presentations	Ponderosa North
12:00 PM – 12:30 PM	Keynote Speech with Dr. Afsoun Afsahi	CIRS
12:45 PM – 1:45 PM	Roundtable Networking Session with Refreshments	CIRS
2:00 PM – 3:15 PM	Wave 3 Oral & Poster Presentations	Ponderosa North
3:30 PM – 4:45 PM	Wave 4 Oral & Poster Presentations	Ponderosa North
5:15 PM – 6:15 PM	Celebration Reception with Food	CIRS

CONFERENCE MAP



Ponderosa Commons North Floorplan:



PLANNING COMMITTEE

Malika Kahlon

Co-Chair

Hargun Dhillon

Co-Chair

Jenifer Dua

*Workshops & Promotions
Co-Director*

Ivy Guo

*Workshops & Promotions
Co-Director*

Naomi Isak

*Communications & Promotions
Co-Director*

Julia Le

*Communications & Promotions
Co-Director*

**Sandhyaa Parangimalai
Madan Kumar**

*Logistics & Programming
Co-Director*

James Wu

*Logistics & Programming
Co-Director*

Natalie Ma

Volunteers Co-Director

Elizabeth Fu

Volunteers Co-Director

UBC STAFF

Judy Wang

Program Assistant

Sheker Mammegurban

Team Lead

Cora Li

Program Assistant

KEYNOTE SPEAKER

Dr. Afsoun Afsahi (She/Her)

*Assistant Professor of Political Theory
in the Department of Political Science.*

**Talk Title: On the Use of Coded
Language in Democratic
Politics**



Dr. Afsoun Afsahi works at the intersection of democratic theory, political philosophy, and empirical social science, studying how people reason under conditions of power and inequality. Her research combines work on justice and representation with experimental studies on how identity shapes political voice and participation. Her work has appeared in venues such as *Political Theory*, *Political Studies*, and other leading journals in political science and philosophy, and she brings a comparative perspective shaped by living across five countries.

PASSIVE PROGRAMMING

ROUNDTABLE NETWORKING

Increase your professional network and personal goals by attending the Roundtable Networking Session on Saturday, March 21st, from 12:45 PM to 1:45 PM at the CIRS BC Hydro Theatre. This fast-paced event connects you with expert panelists from fields such as medicine, psychology, and public policy to discuss research careers and post-graduation paths. It is a unique opportunity to ask personalized questions, gain professional insights, and discover the diverse opportunities available to you during and after graduation.



PASSIVE PROGRAMMING

ROUNDTABLE SPEAKERS



Viviana Shiffman

Viviana is a UBC PhD student studying how sex and age influence pulmonary trainability. She is also a sessional instructor in the Department of Kinesiology and a researcher at Lululemon Athletica.

Daria Rudykh

Daria is a UBC graduate student using visible light in continuous-flow reactors to build biologically active molecules, including cancer therapies, in faster, cleaner ways. By improving the scalability of light-driven chemistry, her work helps turn renewable energy into sustainable chemicals.



Mia Simmons

Mia is a UBC Master's student researching genetic factors that may predict adverse responses to chemotherapy in children with cancer, using a combined bioinformatics and experimental approach.

Reilly Perovich

Reilly is a UBC graduate student and biologist who has conducted research across the Tree of Life. He now uses advanced volumetric microscopy (including FIB-SEM and fluorescence microscopy) to study the cell and structural biology underlying Cannabis sativa secondary metabolism.



PASSIVE PROGRAMMING

BOOTHING

Want to learn more about research opportunities available at UBC and beyond? Stop by our bothing area at Ponderosa Commons North from 9 AM to 4:45 PM to talk with local research-based companies, UBC programs, and student organizations! Bothing organizations are featured below and include the Canadian Journal of Undergraduate Research (CJUR), McCall MacBain Scholarships, UBC Go Global, and many more! Talk with local representatives from these organisations to take your research to the next level, while winning cool swag!



Undergraduate Research Opportunities (URO)

URO coordinates programs to provide undergraduate students with valuable research opportunities, such as Life Sciences Research Night, the Research Experience Program, and the Research Involvement Fair.



Canadian Journal of Undergraduate Research (CJUR)

CJUR is a student-led, peer-reviewed journal that aims to provide Canadian undergraduate students of all disciplines the opportunity to publish their research.



UBC iGEM

UBC iGEM is a student-led genetic engineering design team composed of undergraduate students supported by graduate advisors and faculty. Their goal each year as a team is to produce a feasible, tangible project that employs cellular engineering but also considers ethical, societal, and economic implications of the project, following responsible research & innovation.



UBC BIOMED

UBC BIOMOD is an undergraduate molecular engineering team based in the LSI, where they design innovative, technology-driven biological solutions to tackle real medical challenges. They strive to provide undergraduates with hands-on access to leading wet-lab, computational, and design skills that prepare them for advanced research.



UBC CCEL

At CCEL, they catalyze, design, and implement opportunities for students to apply their knowledge and skills to help address the most critical social and environmental issues by collaborating with diverse university and community partners and stakeholders.



Go Global

Go Global is UBC's international learning office, connecting students to transformative experiences abroad through exchange, research, and Global Seminars. They support students at every step, from choosing a program to preparing for departure, so students can build academic, personal, and professional skills around the world.



McGill McBain Scholarships

Are you active in your community and considering graduate school? Apply for the 2027 McCall MacBain Scholarships at McGill, Canada's largest leadership-based scholarships for master's and professional studies. Find out more at MURC!

PASSIVE PROGRAMMING

PRINT PHOTOBOOTH

This year's MURC photobooth is brought to you by Photoism! We are very excited to partner with **Photoism**, a local business run by UBC Alumni. Stop by our photobooth to capture your MURC 2026 memories in custom print frames. Fun props and signs will be available!

Post your photos and tag **@photoism.togo** on Instagram for a chance to win swag items and coupons to Photoism locations at the UBC Nest or across Metro Vancouver. Follow **@photoism.togo** for a bonus entry!

Location: Ponderosa

Time: 10:30 AM - 4:00 PM

photoism



PASSIVE PROGRAMMING

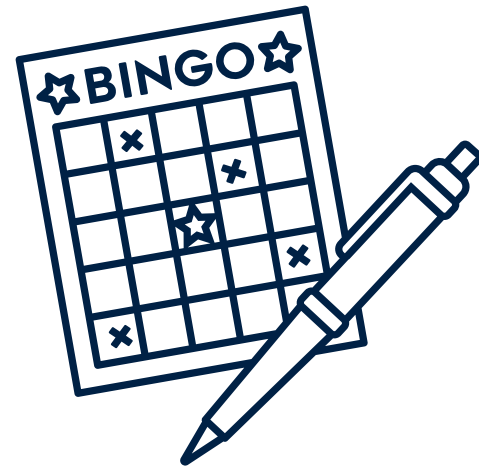


SPIN-THE-WHEEL

Test your luck with our Spin The Wheel feature! Be warned, you might have to answer trivia, do pushups, or post your MURC photos on Instagram! Prizes consist of various MURC merch such as stickers, and tote bags for you to capture your MURC experience! Find us inside Ponderosa bottom floor.

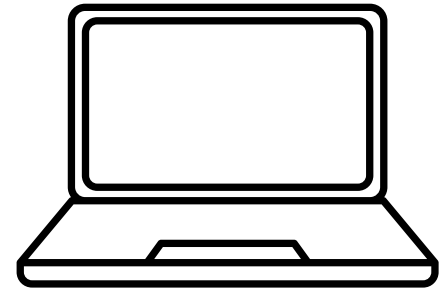
BINGO

Make the most of your MURC 2026 experience by participating in our interactive Conference Bingo! Pick up a Bingo sheet at the MURC Info Booth in Ponderosa Commons North and collect stamps from volunteers as you engage with poster presentations, oral sessions, and other passive programs. Once you complete your sheet, return to the booth to claim exclusive MURC swag like tote bags, mugs, tattoos, or stickers. It is the perfect way to explore diverse research while winning limited-edition prizes!



ACKNOWLEDGEMENTS

We would like to thank the Woodward and David Lam Library for providing us with technology for the conference.



REVIEW COMMITTEE

We would like to thank the Review Committee for their thoughtful feedback on students' abstracts, for providing the opportunity to revise and submit a final version, and for supporting emerging researchers in strengthening their research communication skills.



Andis Klegeris
Ashley Welsh
Bruce Moghtader
Chelsea Birks
Christine Evans
Evelyn Lang
Han Li
Hyung-Suk Yoo
Inari Sosa Aranda
Irene Ballagh

Jiayu Zhang
Kim Snowden
Kimberly Richards
Kyle Nelson
Lindsey Daniels
Marina Adshade
Mark Beauchamp
Olena Morozova
Susan Grossman

ACKNOWLEDGEMENTS

We would like to thank the Workshop Hosts for sharing valuable guidance on delivering compelling presentations, and the Adjudicator Training Facilitators for leading our sessions and ensuring consistent evaluation standards.

WORKSHOP HOSTS

ORAL PRESENTATION WORKSHOP



Nathan Chang



Paniz Ghavimi

POSTER PRESENTATION WORKSHOP

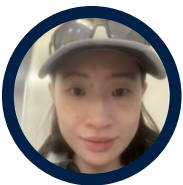


Kyra McKinnon



Nimmy Sebastian

ADJUDICATOR TRAINING FACILITATORS



Cora Li



Inari Sosa Aranda

ADJUDICATORS

We would like to acknowledge all of our adjudicators for generously volunteering their time and energy, and for their dedication and thoughtful evaluation of our presenters. We deeply appreciate the knowledge and expertise they bring in selecting our award recipients.

Ahmed Alkarkhi
Akshdeep Sandhu
Alexandra Dolling
Allyson Schweitzer
Angela Xu
Aster Huang
Audrey Siu
Ayomide Ademola
Bahareh Kashani
Bei Deng
Becca Ladouceur
Bjorn Holst
Braedon Pauzé
Brodie Kelly
Capri Kong
Carmen Choo
Carmen Golnaraghi
Celeste Bouchaud
Charlotte Taylor
Christa Agoawike
Christina Hofer
Christina Lam
Christina Stockdale
Claudia Fu
Crystal Leung

Daria Rudykh
David Lin
Diya Dodhia
Dlorah Agama
Dolapo Makinde
Elena Timakova
Elly Thistlethwaite
Elva Vidya
Emma Friesen
Fatemeh Arian Nejad
Gahan Diwan
Gloria Gu
Hanna Elford
Hannah Illing
Haoyu Zhao
Hazel Chen
Henry Luo
Ivy Chiu
Isabella Martin
Jackie DaSilva
Jamie Kwon
Jasleen Kaur Matta
Jeenat Mehareen
Jeffrey Niu
Jenny Zhao

Jennifer (Jisoo) Lim
Jessica Siu
Jessica Stockdale
Jolie Wu
Joy Yang
Judy (Jingdi) Li
Judy Kim
Kai-Wei Chang
Kat Benevides
Kate Huang
Katelyn Teng
Katelynn Kowalchuk
Kayla Wen
Kersten Smith
Kiana Pashaoskooie
Ling Guo
Ling Li
Leo Chung
Lulu Liu
Mahder Teffera
Mai Truong
Manpreet Kaur
Mattison Stojcic
Mehran Jamshidi
Michaelyn Hoven

ADJUDICATORS

Michael Rowley

Michelle Lin

Miku Wake

Miriam Fenniri

Natalie Jones

Noah Stewart

Paria Sokhanran

Parisa Javadian

Quaila Trang

Radman Rakhshandehroo

Raha Eskandari

Rainie Fu

Ramin Rezaeianzadeh

Rick Hu

Ruth Wang

Sadie Lee

Salome Ayuak

Sam Bakteria

Samadhee Kaluarachchi

Samantha Graham

Samir Damji

Sarina Saffarian

Serene Rodrigues

Shaima Hourani

Sofia Serrano

Soyoo Yoo

Susan Zhang

Tal Shalev

Tatum Narode

Tianyu Wang

Veronica Vologodskaya

Vivian Elrick Penner

Willie Wu

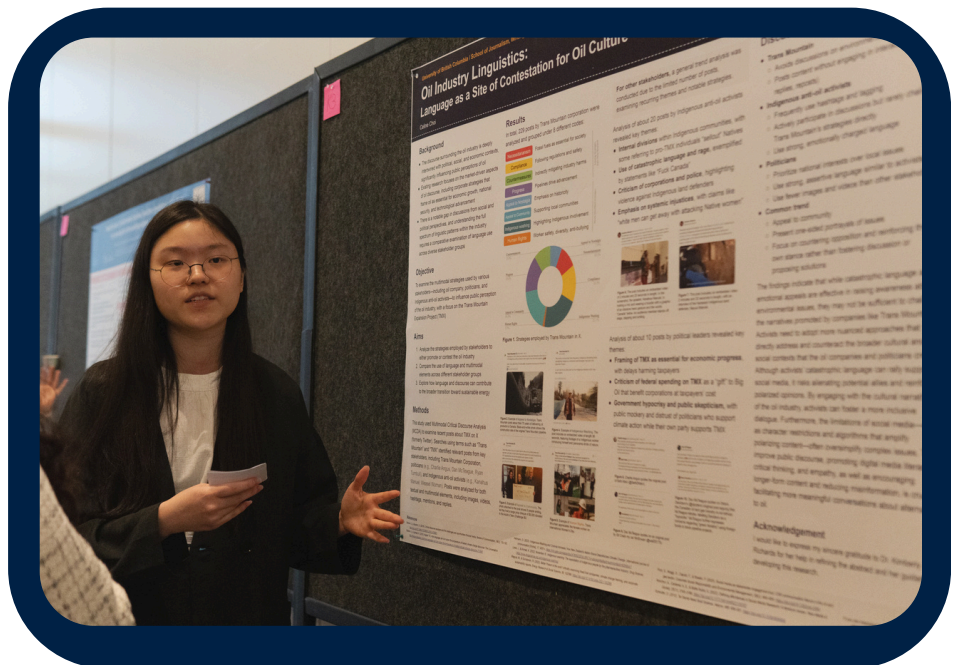
Yasmine Tremblay

Yasith Samarasinghe

Yazmeen Wardman

Yenah Byun

Zige Huang



EVENT VOLUNTEERS

We would like to acknowledge all of our MURC volunteers for generously giving their time and energy, and for their dedication and hard work in ensuring the conference runs smoothly. We would not be able to host MURC without their invaluable support.

Aashita Goyal
Alysha Gauba
Amanda Maximo
Amani Shamoon
Ami States
Amika Arora
Amy Lin
Angie Chen
Anureet Kaur
Arianna Trentini
Arshdeep Panesar
Aryanna Wu
Ashley Lau
Audrey So
Baxter Sharman
Benjamin Chen
Bernice Ho
Cameron Ching
Chloe Lee
Crystal Li
Dana Yong
Daniel Ignatiuk
Daniel Zhang
Dhruv Mehta
Elisa Nasimi
Emma Kinsella

Evelyn Mitchell
Greta Liu
Himani Rana
Iris Wang
Isaac Wong
Isabel Lau
Ishita
Jae Yates
Aritra Saha
Janice Leung
Jiajie Deng
Jimmy Cao
Kalyana Dey
Kayla Zhang
Kashish Bhandari
Lara Akar
Leila Aghabi
Leinah He
Marie To
Meeka Khaira
Megan Ye
Mia Vuong
Mia Zhu
Minal Rehan
Mohammad Saim
Muhammad Teqi

Nhi Vo
Nicole Tan
Nora Chen
Rachel Pan
Rayna Pang
ReAnhna Hong
Saina Zhiani
Saliha Buyukgezirci
Sarah Masse
Shahdad Shafiei
Sharon Kim
Shreeya Parekh
Sofia Yarysh
Sydney Van Ginhoven
Taran Dhesi
Tedra Gunn
Theron Lou
Valeria Gonsalez
Wenhao Li
Wulan Saputri
Melissa Fletcher
Yuki Wong
Yuting (Yoyo) Huang
Zara Ahmed



Wave 1

9:00 AM
10:15 AM

POSTER PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Denali Gordon, Rachael Zhang	A Vector-Based Approach to Surveillance of Antimalarial Drug Resistance	Ponderosa Ballroom
Elena Meng	Addressing the Gap Between Undergraduate Regulatory Education and Entry-Level Professional Roles: An Industry-Informed Needs Assessment	Ponderosa Ballroom
Bonnie Wong	Affordable Folate and Iron Co-Fortified Margarine to Improve Bioaccessibility and Reduce Deficiency	Ponderosa Ballroom
Armita Bagheri, Kimmy Kwok	An In-Depth Analysis of Low-Cost Portable Ultrasound Devices: Improving Maternal Health in Rural and Underserved Communities	Ponderosa Ballroom
Dilnar Mamatyusuf	Antimicrobial Susceptibility Patterns of Carbapenem-Resistant Uropathogens: Implications for Empirical Therapy in British Columbia Outpatient Settings	Ponderosa Ballroom
Anna Dinh, Jenna Juma, Caitlyn Cheong	Applications of Biodegradable Treatments on Bacterial-Cellulose-Based Leather to Enhance Material Properties	Ponderosa Ballroom
Dariga Tanabayeva	Assessing Long COVID Severity in British Columbia: A Composite Survey-Based Approach	Ponderosa Ballroom
Danani Perera, Danika Oreskovic, Aashna Desai, Aryan Seth	Assessing Mold Presence and Prevention Strategies in Student Residences at UBC: A Student-Designed Mold Detection Approach	Ponderosa Ballroom
Daniel Simões Brandão, Cosmo Pearson-Young	Baker's Yeast : A Scientist's Battery : Creating a Mathematical Model for <i>Saccharomyces cerevisiae</i> Microbial Fuel Cells	Ponderosa Ballroom
Dylan Ricci Ravanera	Barriers and Enablers to Healthcare Access for Immigrant and Racialized Populations with Long COVID: A Scoping Review	Ponderosa Ballroom

POSTER PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Dishita Kumar	Beyond the Individual Self: Immigrant Meaning-Making and the Limits of Western Psychotherapy	Ponderosa Ballroom
Celine Choi, Sibio Zhang, Ho Tak Chan, Mathew Fu	CAPSizeD: Effect of Water Temperature on Mammalian Diving Reflex	Ponderosa Ballroom
Eesha Rathod	Chromo Domain Influence on Translation Termination and Ribosome Recycling	Ponderosa Ballroom
Amber Lu	Comparing Cognitive Modes Underlying Pain Experience and Pain Empathy	Ponderosa Ballroom
David Gao	Comparing RTK GPS and Mobile Devices for Measuring Walking Speed	Ponderosa Ballroom
Benedict Sutanto	Contributions and recognition of patient partners in pediatric health research: a rapid scoping review	Ponderosa Ballroom
Darya Laptieva	Designing islet-specific TCR Tregs for Type 1 Diabetes	Ponderosa Ballroom
Jessica Xin	Developing an In-house Luciferase-based Assay for Screening Retinoic Acid-Related Orphan Receptor (ROR) Modulating Factors	Ponderosa Ballroom
Jae-Yoon Kim	Developing Scalable, Clean, and Affordable Growth Factor Production for Cell Culture	Ponderosa Ballroom
Emerson D'Sylva, Rozina Khoja	Drivers of Orca Population Dynamics in the Salish Sea: A Multi-factor Systems Model	Ponderosa Ballroom

POSTER PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Anna-Liisa Volohhonski	EEG Dynamics Across the Dying Process: Neural Signatures of Brain Ischemia	Ponderosa Ballroom
Danielle Keith	Epstein-Barr Virus modulates autoreactive lymphocytes in a mouse model of psoriatic arthritis.	Ponderosa Ballroom
Cameron Smith	Examining Intramuscular Pressure During Aerobic Exercise	Ponderosa Ballroom
Brianna Laskosky	Feasibility of online mindfulness groups for postpartum depression and anxiety: clinician perspectives	Ponderosa Ballroom
Ellie Mcgregor, Ryan Fraser, Sofia Rybchynska	From Snapshots to Motion: Predicting Where Cells Are Headed	Ponderosa Ballroom
Anush Mutyala, Iana Gerasimenko, Jason Kwok, Matthew Lee, Marwa Attai	HackerFab: Student-Built Semiconductor Tools for Accessible Microfabrication	Ponderosa Ballroom
Christel Mazzek	Hidden Cardiovascular Outcomes in Non-Obese Children With Obstructive Sleep Apnea	Ponderosa Ballroom
Angelina Hang	In Silico Evaluation of Foeniculum vulgare Phytochemicals as Potential SARS-CoV-2 Mpro Inhibitors	Ponderosa Ballroom
Donny Xu	Intranasal estradiol administration in rats for brain-targeted delivery: time and dose dependant effects in the periphery	Ponderosa Ballroom
Élise Roy	Investigating Melatonin as a Treatment Pathway for Multiple Sclerosis	Ponderosa Ballroom

POSTER PRESENTATIONS

Presenter(s)	Presenters	Location
Clare Vu	Investigating the Outcomes of Neonates with Severe Hypoxic-Ischemic Encephalopathy after Cessation of Intensive Care	Ponderosa Ballroom
Emily Park	KBG Syndrome Teeth - Epithelial Requirements for Ankrd11 in Erupted Teeth	Ponderosa Ballroom
Cynthia Loyo Yebra	Long-term Opioid use for Chronic Pain in Geriatric Populations: A Systematic Review	Ponderosa Ballroom
Alycia Ma, Jason Lee	Metabolic Effects of Caffeine on <i>Saccharomyces Cerevisiae</i> : A Study of CO ₂ Production	Ponderosa Ballroom
Daniel Zhang	Neuron-Microglia Interactions in Progranulin Haploinsufficiency-Associated TDP-43 Pathology	Ponderosa Ballroom
Catriona Fang	Pediatric Ear Culture AntibioGram	Ponderosa Ballroom
Arella Ng	Play the Part, Chart the Heart: A Naturalistic Exploration of Fantasy Play and Its Relationship to Cognitive Development	Ponderosa Ballroom
Annabelle Lui, Esther Lu	Preparing Future Pharmacists for AI: Development of Foundational GenAI Learning Content for UBC's E2P-PharmD Program	Ponderosa Ballroom
Azargol Cholmaghani, Rucha Kulkarni	Protein Kinases as Master Regulators of Vesicular Crosstalk in Cancer	Ponderosa Ballroom
Brennan McLaughlin	Reading the Connection: Can third-party observers accurately predict liking after watching short, platonic initial interactions over Zoom?	Ponderosa Ballroom

POSTER PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Cyrus Lau	Risk Factors of Vascular Injury During ALIF: A Retrospective Cohort Study	Ponderosa Ballroom
Ellie Taghavi	SchedRL: A Reinforcement Learning Platform for Systematic Reward Engineering in High-Level Synthesis Scheduling	Ponderosa Ballroom
Cc Liang, Wendi Ke	The Effects of Syncopation Weights, Duration, and Beats on Perceived Rhythmic Complexity	Ponderosa Ballroom
Rojina Nariman	Understanding Balance Control Through Ankle-Generated Torques	Ponderosa Ballroom
Emily Wong	Understanding how weather conditions influence high- and low-frequency bat emergence	Ponderosa Ballroom
Alina Yu	Unveiling the relationship between CETP and Alzheimer's Disease: An Immunohistostaining Study	Ponderosa Ballroom
Charvi Saboo, Quincy Chong, Yan Fung, Adrian Bartolome	Why Suppression Isn't Enough: BC Wildfires Through a Systems Thinking Lens - Sustainability Drivers, Feedback Loops, and Leverage Points	Ponderosa Ballroom

ORAL PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Alina Wang	Artificial Intelligence takes on the Multidisciplinary Committee: A Single-Center Study for Rectal Cancer Management	PCN 1001
Amanda Moniz, Suri Zheng, Tyson Hutt, Colin Kwok	Assessing the Impact of Defect Distribution Index (DDI) on Treatment Response in Patients With Cystic Fibrosis	PCN 1001
Dasnoor Kaur	Assessing the Relationship Between Reproductive Hormones and Dyslipidemia in Women Living With and Without HIV in the BCC3 Cohort	PCN 1008
Dewi Wahono	Below the Snow Line: An Exploratory Study of Immigrant Labour and Housing in Whistler	PCN 1008
Andy Lin	Beyond the ER: EMC5's Putative Role in Yeast Cell Wall Integrity (CWI)	PCN 1001
Gino Cunanan, Clara Joo	Clinical Decision Support Systems (CDSS) to Reduce Medical Errors: Testing Ponseti Clubfoot Navigator (PCN), an AI-Powered System for Clubfoot Treatment.	PCN 1009
Jamie Robson	Determination of Gas Age Distribution of Air trapped in polar firn at EastGRIP	PCN 1001
Ella Glade	Does a blind mind's eye impact imagery and planning of actions?	PCN 1008
Hamrah Riyaz	Effects of Hypoxia Mimicry on Axonal Regeneration	PCN 1009
Rachel Dong, Shubham Kumar, Anika Lee	Evaluating the effective and safe use of Stream Platform by a lay user in a simulated environment	PCN 1002

ORAL PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Clianta Anindya	HDAC3 Inhibition Modulates Microglial and Depressive-Like Responses to LPS-Induced Inflammation in Female Mice	PCN 1002
Gurnoor Kaur Suri	I was bullied as a child, and it still shapes my life: How autoethnography can be used to understand the lasting impacts of childhood bullying	PCN 1009
Gloria Zhuo	Investigating MED15 as a Therapeutic Target in Pediatric Neuroblastoma	PCN 1009
Ellie Manzano	Masculinity In Fighting Game Communities	PCN 1008
Erika Laurence	Older Canadian Women's Experiences of Playing Recreational Ice Hockey	PCN 1009
Callum Ruthe	Optimization of an Antifouling and Antibiofilm Coating for Use in Self-Sterilizing Blood Bags	PCN 1002
Chantal Hemmann	Photometric Colours of Faint Jovian and Saturnian Irregular Moons	PCN 1002
Connor Flynn	Prophylactic Use of Salbutamol for Pediatric Exercise-Induced Bronchoconstriction	PCN 1008
Akuol Riak, Madeleine Quong-Lee	Reducing Relationship Self-Sabotage: A Cognitive-Behavioral Therapy Approach	PCN 1001
Daniyal Aleem	Sexual function in men after Spinal Cord Injury: Assessing quadriplegic vs paraplegic questionnaire results	PCN 1008

ORAL PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Connor Church	The Effect of Salinity on the Distribution, Movement, Olfaction, and Grazing Habits of the Hairy Hermit Crab, <i>Pagurus hirsutiusculus</i>	PCN 1002
Caitlin Liang	The Impact of Peer Support Intervention on Return to Work and Productive Activities After Traumatic Brain Injury	PCN 1002
Amreen Aulakh, Tate Mcgovern	Using Xenon MRI to Predict Pulmonary Exacerbations in Cystic Fibrosis Patients	PCN 1001



Wave 2

10:30 AM
11:45 AM

POSTER PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Howard Chen, Geoff Abacado	Addressing biological heterogeneity in PDAC through NMF-driven lymphocyte-based subtyping	Ponderosa Ballroom
Abaigeal Kelso	Age-related differences in muscle endurance responses to resistance exercise with and without blood flow occlusion	Ponderosa Ballroom
Eva Wang	An In Vivo Study of the Effects of β -glucan Induced Trained Immunity Against <i>Clostridioides difficile</i> Infections	Ponderosa Ballroom
Juliane Lou, Tanvir Kanwal, Vicky Tan, Coco Lei	Are you listening?: A Narrative Review on the Communication of Gynecological Conditions to Adolescents Compared to Adults	Ponderosa Ballroom
Jessie Luo	CAR-T cell therapy as an early intervention in pediatric B-cell acute lymphoblastic leukemia	Ponderosa Ballroom
Janelle Saada, Nelly Yeung	Cellular Senescence in Ovarian Aging: Drivers, Functional Impacts & Emerging Therapeutics	Ponderosa Ballroom
Jasmine Rehal	Colour Normalization of Hyperspectral Scanned H&E Stained Tissue	Ponderosa Ballroom
Gabriel (Tolu) Oloworaran	Comparing insulin and glucagon secretion between male and female mice with broad applications to gender-based health	Ponderosa Ballroom
Kate Porter, Kelly Hong, Kate Young, Mahdiyah Rashid	Comprehensive Review of the Mechanisms Underlying Emphysema Associated Interstitial Lung Disease In Patients with Cancers	Ponderosa Ballroom
Hunter Wyndham	Differences in Treatment Response Between BRCA1-Mutated and Sporadic Basal-Like Breast Cancers	Ponderosa Ballroom

POSTER PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Fiona Zhang	Do Facets Outperform Traits? A Review of Facet-Level vs. Trait-Level Predictive Validity for Grit-Related Behavioural Outcomes	Ponderosa Ballroom
Jenny Xinxin Zhang	Drug-Exercise Interactions in Metabolic Syndrome: Synergistic and Antagonistic Effects of Common Pharmacological Therapies	Ponderosa Ballroom
Rachel Dong	ECHO Autism as a Model for Expanding Learning and Capacity for Primary Care Providers: Scoping Review	Ponderosa Ballroom
Jin-Sun Cho	Enhancing Pedagogical Practice: The Impact of Integrated Activity Lunch and Learns on the Incorporation of Evidence-based Pedagogical Strategies into the Entry-to-Pharmacy Program at UBC	Ponderosa Ballroom
Jason Kwok, Adriel Villanueva, Sneha Vadodariya, Ember Wu	Exploring Crosslinking Strategies for Alginate Membranes in Aqueous Redox Flow Batteries	Ponderosa Ballroom
Junseo Park	Genetic Algorithm Derived Compact MRI Radiomic Signatures for MGMT Methylation Prediction	Ponderosa Ballroom
Evan Chen	Glioma Grading Using Optimized k-Nearest Neighbors as an Alternative to Synthetic Resampling	Ponderosa Ballroom
Jeffrey To, Amanda Morales, Nathan Zhao, Shuhan Wang, Jay Huang	Glowing Beer: Illuminating Yeast Physiology Under Brewing Stress	Ponderosa Ballroom
Evelyn Lewicki	Harnessing Komgataibater Diversity for Waste Valorization	Ponderosa Ballroom
Jonassen Kenrick, Janice Aurelia	Hydrologic Flow Regimes in Manitoba: Understanding Streamflow-Baseflow Relationships Across River Systems	Ponderosa Ballroom

POSTER PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Jaewon Jang, Abraham Kuttikkattu Idicula	Identifying the underlying genetic architecture associated with the Bu gene conferring resistance to Raspberry bushy dwarf virus Scottish Strain (RBDV-S) in raspberries	Ponderosa Ballroom
Emma Goucher	Impact to Outcome: Investigating PRS and Post-TBI Trajectories in the All of Us Research Program	Ponderosa Ballroom
Harleen Randhawa	Improving Perinatal Mental Health: A Scoping Review of Socio-structural Barriers and Holistic Supports for Immigrant and Racialized Women in North America	Ponderosa Ballroom
Evan Randityo	Integrative Analysis of Surface Circulation in the Banda Sea from In-Situ Drifter Observations and Supporting Datasets	Ponderosa Ballroom
Kaitlyn Tonary, Nadia Lee, Breanna Ho, Uzair Mohammed	Investigating Phototaxis in Non-Photosynthetic and Photosynthetic Euglenids	Ponderosa Ballroom
Fatima Mazhar	Investigating Transient “White Coat” Hypertension in Hypertensive Patients Presenting to the Emergency Department at Vancouver General Hospital	Ponderosa Ballroom
Emmanuella Esebor	Light Work: Heptazines Turning Sunshine Into Reaction Power	Ponderosa Ballroom
Isabella Valdez, Vinna Xia, Hoang Minh Vuong Nguyen	Long Distance Roundness Harmony in Àúga	Ponderosa Ballroom
Jakob Farnon	Neuronal pentraxins gate complement-mediated synaptosis by microglia carrying progranulin haploinsufficiency	Ponderosa Ballroom
Ahmed Makhoulouf	Oral Antimicrobial Options for Joint Infections: Guided Through Cumulative Antimicrobial Susceptibility Test Data Report	Ponderosa Ballroom

POSTER PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Kaligua Rochon	Oxygen and transcriptomics: gene expression in Pacific herring after exposure to hypoxia during early development	Ponderosa Ballroom
Esther Lu, Annabelle Lui	Preparing Entry-to-Practice PharmD students to use generative artificial intelligence tools in pharmacy practice: Practical considerations for their integration	Ponderosa Ballroom
Grace Que	Role of Cefixime and Ceftriaxone versus SMX-TMP in SPICE-HaM-Associated UTIs in Children	Ponderosa Ballroom
Karina Budhwani	Screen Time and Early Childhood Development: A Review of Recent Evidence	Ponderosa Ballroom
Heather Ranger, Breanne Llewellyn	Shifting the Mix: Comparing the Feasibility and Cost of 3-in-1 Commercial vs 2-in-1 Compounded Parenteral Nutrition	Ponderosa Ballroom
Jaysheen Badohal	Somatostatin and thyroid hormone modulators regulate proliferative signaling in differentiated thyroid cancer models	Ponderosa Ballroom
Firila Najma Wahidah	Statistical Modeling of Correlations among Earthquake Parameters	Ponderosa Ballroom
Kairavi Deshpande	Synthesis and Characterisation of Functionalisable Polyesters via Indium-Catalysed Ring-Opening Polymerisation	Ponderosa Ballroom
Jay Park	Targeting MDM2 to Stabilize p53 and Impede Proliferation in MCD-DLBCL	Ponderosa Ballroom
Eric Zhou	The Effect of Helper Lipids on PEG-Free LNP Formulations	Ponderosa Ballroom

POSTER PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Jimin Park	The Effectiveness of Resistance Training on Improving Balance and Fall Prevention in Older Adults	Ponderosa Ballroom
Jane Hsu	The Influence of Specific Drug Categories on Survival and Neurological Outcomes Following Drug-Associated Out-of-Hospital Cardiac Arrest	Ponderosa Ballroom
Helena Hormozi, Michael Kamaszewski, Ryan Chen, Maria Rudas Caldera, Yeojin Lhee	The Utilization of VISTA Associated Chimeric Switch Receptors to Combat the Suppressive Effects of the Tumour Effects of the Tumour Environment in CAR T-Cell Therapy	Ponderosa Ballroom
Jiayi Zhang	Tooth loss and cognition: the mechanistic pathways	Ponderosa Ballroom
Kyra Mckinnon	Trajectories of Self-Compassion and Fear of Compassion During Residential Eating Disorder Treatment	Ponderosa Ballroom
Johanna Marshall	Trophic ecology of non-indigenous freshwater jellyfish	Ponderosa Ballroom
Heather Lu	Validating a novel gnotobiotic isolator for behavioural testing of mice	Ponderosa Ballroom
Eric Jin	What story do teeth tell? Morphological evidence of temporomandibular joint degeneration and occlusal wear	Ponderosa Ballroom

ORAL PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Julie Sieg	Disentangling butterfly-plant associations across Canada using Machine Learning and community-contributed data	PCN 1009
Jessica Song	Age-dependent shifts in dopamine-mediated behavior in a LRRK2 <i>Caenorhabditis elegans</i> model of Parkinson's disease	PCN 1002
Alena Plaksina	Bimetallic Catalysts for Activation and Conversion of Small Molecules	PCN 1002
Heather Wang, Yuejia Wang, Simreen Guram, Chanyoung Park	Complementary and Alternative Medicine for Chronic Pain Among Individuals With Opioid Use Disorder / Non-prescription Opioid Use / Addiction Settings	PCN 1001
Hoang Quan Dang	Determining the effects of scheduling in combinatorial drug treatment utilizing olaparib PARP inhibitor against BRCA-deficient cell lines	PCN 1001
Jae-Yoon Kim	Developing a Dendritic Cell-Targeting Cancer Vaccine	PCN 1001
Laian Saleh Nour	Environmental and Social Implications of Urbanization-Driven Mangrove Decline	PCN 1009
Jessica Xin	Evaluating a Novel Bile Acid for Treating Steroid-Insensitive, Type 2-Low Asthma	PCN 1008
Kate Shen	How is First Nations' sovereignty represented in academic and journalistic literature focused on pipeline development in British Columbia?	PCN 1009
Kiara Sun	Investigating Mouse Purkinje Cell Dendritic Activity during Cerebellum-Dependent Associative Learning	PCN 1009

ORAL PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Jamie Robson	Investigation of Community Earth System Model (version 2) Dynamical Temperature Trends using Circulation Analogs in multiple climate scenarios	PCN 1002
Hannah Fok	Lessons from recent extreme floods in British Columbia: towards sustainable riverbank stabilization	PCN 1001
Keyaan Jaffer, Sarah Lai, Josh Mardik, Kevin Sendra, Yanle Li	Mapping CSR2P's Substrate Recognition in Yeast Nutrient Sensing	PCN 1009
Julia Zhu	My Friends, My Audience: Instagram Close Friends Stories and the Construction of Intimacy and Social Identity	PCN 1008
Kevin Deng-Han, James Horvat, Tran Linh Dan Nguyen	P-Gel: A Protein Producing Hydrogel	PCN 1009
Jasleen Saini	Parental Attitudes Toward Pediatric Research Participation - Community Consultation in the Emergency Department	PCN 1002
Jaijit Sidhu	Paths to Belonging: Multiculturalism and Canadian Political Identity Among Middle-Aged Punjabi Immigrants in the Lower Mainland	PCN 1001
Jana Abdelhameed	Privacy and Stigma Surrounding Brain-Computer Interfaces in Marginalized Communities in Canada: A Mixed-Methods Analysis of Website Communication and Public Trust	PCN 1002
Jiarui Ding, Yutong (Amy) Kang	Psychological and Cognitive Factors in Young Adults' Emotional Bonding with AI for Mental Health Support	PCN 1008
Jalen Faddick	Racial Power Dynamics in the Vancouver Rental Housing Market: An Audit of Landlord Practices	PCN 1001

ORAL PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Jocelyn Chu	Reworking Parenting and Family Belonging: Hong Kong Migrant Families in Vancouver After the 2019 Political Crisis	PCN 1008
Joshua Robin	The Effect of Light and Temperature Shifts on Anthocyanin Production in <i>Rubus idaeus</i>	PCN 1008
Ruby Dyck Steinmann	Understanding Young Women's Information Sources and Influences for Contraceptive Decision Making	PCN 1008
Jess Lee	What Poetry Knew Before Medicine: Early Modern Sexual Health	PCN 1002



Wave 3

2:00 PM
3:15 PM

POSTER PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Marco Yeung	A Lightweight Dual-Domain CNN for Audio Classification	Ponderosa Ballroom
Khushi Goyal	A Systems Mapping Approach to using fMRI for Major Depressive Disorder	Ponderosa Ballroom
Katelyn Croy	Aerial analysis: Using drone imagery to evaluate alpine plant responses to human disturbance and climate change in Garibaldi Provincial Park, BC	Ponderosa Ballroom
Parita Mehta	An Analysis of Health Professional Facing Web-based Platforms for Improving Access to Abortion in Canada	Ponderosa Ballroom
Maitra Patel	ASCME Study: High-Dose Lisdexamfetamine and Contingency Management for Methamphetamine Use Disorder	Ponderosa Ballroom
Nethkini Liyanage	Assessing Double-Strand Break Formation in Dominant Translesion Synthesis Polymerase Variants Using Rad52 Foci	Ponderosa Ballroom
Osho Chandra	Assessment Of Mental Health Symptoms in Pediatric Inflammatory Bowel Disease: A Scoping Review of Measurement Practices (2015-2025)	Ponderosa Ballroom
Katerina Popke	Assessment of the Metabolic Impacts of Stress on UBC CAPS Students	Ponderosa Ballroom
Kia Salouti, Barbod Nazembafghi	Brief Dry-Heat Exposure Rapidly Degrades Dried Salmon Genomic DNA and Reduces PCR Yield	Ponderosa Ballroom
Rojina Nariman	Comparative Effects of Different Breathing Patterns on Pelvic Floor Muscle Activation	Ponderosa Ballroom
Lana Navarro	Does Hearing Loss in Older Adults Increase Social Withdrawal and Depressive Symptoms?	Ponderosa Ballroom
Nicole Huang	Does Raspberry Color Influence Flavor Perception? A Chemical and Sensory Analysis	Ponderosa Ballroom

POSTER PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Noor Bhutta, Chloe Cheung	Effects of different types of social relationships on depression among adults with diabetes: A systematic review	Ponderosa Ballroom
Omar Harb	Exploring IRAK Kinases and BCL-10 as Novel Therapeutic Targets in Diffuse Large B-Cell Lymphoma	Ponderosa Ballroom
Kathy Zhao	Exploring the relationship between agricultural aid, crop specialization, and dietary diversity in Sub-Saharan Africa	Ponderosa Ballroom
Kay Li	First Broad Scale Survey of Echinoderm Associated Protists	Ponderosa Ballroom
Max Li, Alina Jarvis	From Concept to Cure: Scientific and Ethical Barriers to Clinical Pig-to-Human Liver Xenotransplantation	Ponderosa Ballroom
Nick Wu, Jasmine Ren, Hailey Park	Gaussian density reanalysis	Ponderosa Ballroom
Mohit Kang	Geochemical and petrological study of the Gambier Group, Harrison Lake, British Columbia: insights into Early Cretaceous arc evolution	Ponderosa Ballroom
Niloo Nasiri Faskhodi, Jack Latham, Thales Paulino	Granzyme Producing T Cells in Multiple Sclerosis Pathogenesis	Ponderosa Ballroom
Laurence Xie, Caden Lee, Marcus Cordeiro, Chloe Lim	Helminth-Based Therapies for Autoimmune and Atopic Diseases: A Scoping Review	Ponderosa Ballroom
Muskan Poddar	Hippocampal gene expression changes following high-fat diet consumption	Ponderosa Ballroom
Keira Uy	How do hospital-school liaison programs, which integrate Individualized Education Plans (IEP) and tele-education, influence the academic progress and education reintegration of hospitalized children aged 6-12 with dyslexia: a literature review	Ponderosa Ballroom
Lauren Farahani, Anna Morrison	Human values in the narratives of women resisters and rescuers	Ponderosa Ballroom

POSTER PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Muntaqim Syed, Alice Pu	Identifying Temporal Core Gut Microbes Across Animal Species	Ponderosa Ballroom
Markus Hanson	Impacts of Mechanical Fuel Treatments on Modelled Wildfire Behaviour in Akisqnuq First Nation Forests	Ponderosa Ballroom
Madeline Cameron, Lindsay Winaryo, Hitaishi Makwana, Naveen Ramalingam, Clemence De Cormis	Improving Access to X-ray/CT Imaging in Rural Canada Through Low-Cost Radiography Training Resources	Ponderosa Ballroom
Matthias Warin	In Silico Evaluation of Terminalia Chebula Phytochemicals as Inhibitors of the SARS-CoV-2 Main Protease	Ponderosa Ballroom
Madison Wong	Incidence, characteristics and timing of severe maternal morbidity in British Columbia Canada	Ponderosa Ballroom
Esther Lu	Intravenous push antibiotics in the emergency department: A single-center retrospective cross-sectional feasibility and cost analysis	Ponderosa Ballroom
Kitty Song, Sarah Yin	Long-term air pollution exposure and dementia in aging populations: An integrated analysis of socioeconomic and environmental risk factors	Ponderosa Ballroom
Mo Suberu, Maisha Morshed, Marin Yao, Jason Ma, Zeyus Spenta, Isabella Manuel	Mapping Equity in Academic Medicine: Analyzing Gender, Race, and Leadership Representation at UBC's Medical Faculty	Ponderosa Ballroom
Maya Lee	Methylo-trophic Methanogenesis in the Cattle Rumen: Implications for Methane Mitigation under 3-NOP Supplementation	Ponderosa Ballroom
Nadine Tabbaa	Molecular Docking Study of Pistacia lentiscus Phytochemicals Targeting the SARS-CoV-2 Main Protease for Potential Antiviral Activity	Ponderosa Ballroom
Narissa Gillani	Physical Demands of Shiftwork: An IMU Based Analysis on Movement Intensity and Post-Shift Sleep Quality in Nurses	Ponderosa Ballroom

POSTER PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Maximillian Wu, Prem Khanvilkar, Kyla Tsuyuki, Prapti Pathak, Yuliia Veres	Quercetin Impact on Insulin Secretion in Human Islet Cells	Ponderosa Ballroom
Manan Shahi, Danielle Kim, Jenny Liu, Kylie Yan, Evan Jung	The Gut-Brain Axis and Neurodegeneration: A Review on the Roles of Microbial Metabolites and Immune Signalling	Ponderosa Ballroom
Max Berkenblit, Arnav Ketineni, Sarah Clark	The optical impacts of intensifying forest fires on the waters of the Howe Sound	Ponderosa Ballroom
Kyra Mckinnon	The Prospective Relationships Between Teamwork, Social Identity, and Athlete Thriving in Adult Team Sport Athletes	Ponderosa Ballroom
Nicole Sia	The Protective Role of KDM6A in Female Urothelial Carcinoma	Ponderosa Ballroom
Kent Narita, Somie Tang, Aadya Singh	Traditional vs Robot-Assisted Gait Training in Incomplete Spinal Cord Injuries: A Longitudinal Study of Perturbation-Based Locomotor Adaptation	Ponderosa Ballroom
Mabel Chen	Transparency Labels for Artificial Intelligence: Informing Users About Capabilities, Limits, and Risk	Ponderosa Ballroom
Nusaiba Shahid	Under the Skin: Comparing TCF3 in Atopic Dermatitis and Immunodeficiency	Ponderosa Ballroom
Miikka Ho	Understanding the volatile composition of raspberries and the contributions of these chemical compounds on overall raspberry quality and sensory perception	Ponderosa Ballroom
Lavanya Menon	Unifying Levels of Graph Anomaly Detection in Provenance-Based Threat Detection Systems	Ponderosa Ballroom
Parnian Akrami	Visualization of Deep Eye Layers and Blood Vessels Using Optical Coherence Tomography (OCT), a Non-Invasive Imaging Method	Ponderosa Ballroom
Mio Wang	Whose in "More" Pain?: A Systematic Review on Chronic Pain Assessment Between Care Providers	Ponderosa Ballroom

ORAL PRESENTATIONS

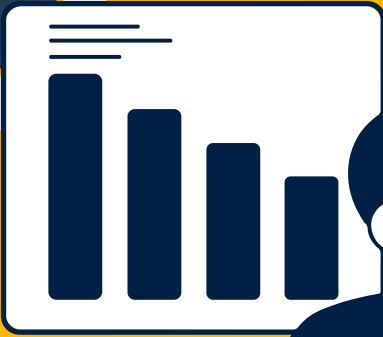
Presenter(s)	Presentation Title (A-Z)	Location
Noah Marquie	A Survey of Machine Learning Solutions to Better Estimate Cell Type Proportions in Human Tissue Samples	PCN 1002
Maya Balzarini	Analyzing Gender-Based Motivations Within Environmental Engineering and Related Environmental Fields of Study in Canada	PCN 1001
Mehak Dhaliwal	Beyond the Books: Public Libraries as Key Community Health Resources for Older Adults	PCN 1001
Riya Gandhi	Cellular and molecular characterization of the hippocampal-amygdaloid transition area across the mouse brain	PCN 1009
Molly Strain,	Characterizing The Effects of Posterior Tibial Nerve Stimulation on Pelvic Floor Muscle Activity	PCN 1001
Pani Ayoubizadeh	Collapse of an Aquatic Insect's Tracheal System at Depth	PCN 1008
Rain (Huarui) Sheng	DGRP Genetic Lines and Sexual Size Dimorphism: A DGRP-Based Study on Body Size	PCN 1009
Rachael Lee	English as a Second Language (ESL) students and Exam Modifications	PCN 1009
Nathan Lam	Global POISE: Improving Implant Outcomes for Children Worldwide	PCN 1002

ORAL PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Rajalakshmi Narasimhan	Hearspace Volatilome Profiling of Pathogens Associated with Infections in People with Cystic Fibrosis with A Focus on Diverse Burkholderia Species	PCN 1009
Olivia Akins	Impacts of Neuroscience on Canadian Involuntary Admissions Policy	PCN 1008
Patricia Nugrahani, Yara Seifeddine, Aneka Khanna	Labour Exploitation in On-Demand Grocery and Food Delivery Services: A Comparative Study of Developed and Developing Economies	PCN 1008
Olivia Yin	Narrative Literature Review: The Influence of Interpersonal Relationship to Voluntary Treatment-Seeking Behaviors Among Adults Diagnosed with NPD	PCN 1008
Nichita Bulbuc	Narrative Space Construction in Video Games	PCN 1002
Lauren Foulkes	Predicting the Morphometry of the Left Common Carotid Artery: Insights From a Cadaveric Study	PCN 1001
Mufaro Machaya, Rodrigo Moreno Gonzalez, Sonja Deng	Scalable Automatic Identification of On-Street Parking Land via Street View Image Segmentation for Smart City Development	PCN 1002
Nardine Estawro	Sociodemographic Influences on Goal Completion in Young Adults Following Traumatic Knee Injury: Secondary Analysis from the Stop OsteoARthritis (SOAR) Randomized Delayed-Controlled Trial	PCN 1002

ORAL PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Oz Susskind	Switchin' the Positions for You: Sexual Agency and the Modern Female Pop Star	PCN 1008
Maria Cheema	The Effect of Hypoxia on the Mitochondrial Enzyme Activity of Three-Spined Stickleback	PCN 1001
Rania Lallouani	The Effects of Intergenerational Cultural Passion Projects on Eudaimonic Well-Being in Older Adults in Long-term Care	PCN 1009
Madeleine Quong-Lee	Understanding Divorce Through Systems Theory and Conflict Theory: A Theoretical Analysis of Family Change	PCN 1001
Paxton Lin	Weather effects on microhabitat use and diel activity in BC mammals	PCN 1008
Charlotte Lee	When the Air Turns Hostile: Cellular Effects of Pollen and Wildfire Smoke	PCN 1009



Wave 4

3:30 PM

4:45 PM

POSTER PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Shanaiya Jamal	Acid Taste Impact on Egg-laying Decisions by <i>Drosophila melanogaster</i> and <i>Drosophila suzukii</i>	Ponderosa Ballroom
Aaron Tieu	Age-dependent impacts of Epstein-Barr virus infection on multiple sclerosis severity in mouse models	Ponderosa Ballroom
Vesper Parkinson, Rojin Khashei, Grace Leung, Olujimi Olayemi	Assessing Adult Incapability in Emergency Care: A Comparative Analysis of the HCCCFAA and the AGA in British Columbia	Ponderosa Ballroom
Vivien Roye, Liah Mah	Asthma and Antimicrobial Resistance	Ponderosa Ballroom
Simren Ahuja	Biomarkers and Neuropathology as Predictors of Cognitive Decline in Aging Populations	Ponderosa Ballroom
Subin Mun	Changes in antimicrobial susceptibility breakpoints against <i>Neisseria gonorrhoeae</i> and practice implications	Ponderosa Ballroom
Sofia Blouin	Characterizing head kinematics in people with and without spinal cord injury (SCI) using IMU sensors	Ponderosa Ballroom
Romy Zhang	Detecting changes in stance width: Psychophysical assessment of lower-limb position sense during free-standing	Ponderosa Ballroom
Polina Novoseltseva	Drugs vs. Bugs: Cumulative Antimicrobial Susceptibility Testing (CAST) of Community-Acquired Bloodstream Infections	Ponderosa Ballroom
Tai Belke	Early Detection of Glioblastoma Through Multi-Omic Machine Learning Models	Ponderosa Ballroom
Raisa Allarakhia	Effect of Intestinal Inflammation & Dysbiosis on A β Plaque Aggregation State and Neuroprotective Microglia Functions in a 5xFAD Alzheimer's Disease Mouse Model	Ponderosa Ballroom
Siddharth Das	Effects of End-Tidal Carbon Dioxide Concentration on Depth of Anesthesia in Children Undergoing Total Intravenous Anesthesia	Ponderosa Ballroom
Stephen Chen, Jonah Friesen, Nunu Ishaka, Jakob Parent, Abha Sapaliga	Effects of Organic Acids on the Water Resistance of Sawdust-Magnesium Oxychloride Cement Composites	Ponderosa Ballroom

POSTER PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Simran Behniwal, Chloe Chan	Effects of Substrate Groove Depth, Width, and Density on <i>Aedes aegypti</i> Oviposition Preference	Ponderosa Ballroom
Thomas Langley, Gurfathe Brar, William Lulashnyk	Fluid Saturation Effects on Rock Acoustic Emissions	Ponderosa Ballroom
Sajjid Barcelona, Sulaymana Malik	Food Insecurity and Mental Health Among Canadian University Students	Ponderosa Ballroom
Siyue Jia	Hormone-Driven Changes in Specific X-Chromosome Inactivation (XCI) Chromatin Remodelers Contribute to Osteoporosis Risk After Menopause	Ponderosa Ballroom
Renee Huang	How can students perform effective literature searches? A study on student learning aids in the era of Generative AI	Ponderosa Ballroom
Sofia Sutherland	Hydroaminoalkylation of Gaseous Alkenes	Ponderosa Ballroom
Wendy Zhou	In Silico Identification of Piper longum Phytochemicals as Potential SARS-CoV-2 Main Protease Inhibitors	Ponderosa Ballroom
Tiffany Choi	Indium Heterobimetallic Catalysis of ROCOP	Ponderosa Ballroom
Sasha Norman	Internal Representation of Lower Limb Movement Sense in an Upright Posture: A Pilot Study	Ponderosa Ballroom
Tianne Kussat	Investigating malignant transformation in synovial sarcoma via induced pluripotent stem cell reprogramming	Ponderosa Ballroom
Riko Murata	Investigating the Novel Role of the Chemical Synapse Protein CLA-1 in Gap Junction Regulation in <i>C. elegans</i>	Ponderosa Ballroom
Ruby Shah	Key factors that relate to the success or failure of mangrove conservation efforts	Ponderosa Ballroom

POSTER PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Rachel Chiu, Akira Kudo	Low-Cost Vision-Based System Identification to Enable Reinforcement Learning Robot Control	Ponderosa Ballroom
Songhee Yang	Mental Health related to Cancer on Instagram: An Inductive analysis of #cancermentalhealth and #cancerandmentalhealth	Ponderosa Ballroom
Xuan Zhao	Navigating Health Online: Forms of Capital and Health Information Seeking among Chinese Older Adults	Ponderosa Ballroom
Zahra Savoji	Neonatal NSG mice as suitable models for studying B-cell acute lymphoblastic leukemia development (B-ALL)	Ponderosa Ballroom
Sophie Liu-Desrochers	Opening Rings, Closing the Loops: A Novel Aluminum Catalyst for the Polymerization of Cyclic Poly(lactic acid)	Ponderosa Ballroom
Rachel Mcdonald, Amra Ashad, Abian Latif, Binish Saqlain	Personalized Mediterranean-Style Diet to Improve Sarcopenia and Nutrition in Gastroenteropancreatic Neuroendocrine Neoplasms (GEP-NENs): A Pilot Trial	Ponderosa Ballroom
Thomas Mcilwraith	Predicting temperate rainforest ecosystem respiration and gross primary productivity using artificial neural networks	Ponderosa Ballroom
Pim-On Ingkanisorn, Hagan Du Monde	Raltegravir Antiretroviral Therapy Effects on Long Term Platelet Monocyte Reactivity	Ponderosa Ballroom
Pionie Kwok	Reassessing Third-Generation Cephalosporins and Oral Alternatives for Uncomplicated Urinary Tract Infections Caused by SPICE Organisms: Evidence from Community Urine Cultures in British Columbia	Ponderosa Ballroom
Raminder Bal	Restoration Revealed: Comparing wildlife monitoring techniques in Gorongosa National Park, Mozambique	Ponderosa Ballroom

POSTER PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Vania Amani	Severe Hyperostosis with Abducens Nerve Compression and Frontal Cortical Atrophy: A Cadaveric Case Report	Ponderosa Ballroom
Sydney Cormack	The First Interaction Matters: An Environmental Scan Improving Intake Assessments in Community Exercise Programs for Adults With Spinal Cord Injury, Multiple Sclerosis, and Post-Polio Syndrome	Ponderosa Ballroom
Vanesse Li	Touchscreen Test for Visual Discrimination in Mice	Ponderosa Ballroom
Rosha Mehrad	Understanding Feelings of Anxiety after an Anterior Cruciate Ligament Reconstruction; a Qualitative Study	Ponderosa Ballroom
Tanesha Chakraborti	Understanding the Motivations of Feral Rabbit Feeding in British Columbia	Ponderosa Ballroom
Stephanie Tamkee	Unequal Green: How differences in accessibility of urban green spaces can affect the well-being of Canadians	Ponderosa Ballroom
Tiana Yu, Halla Zarroug	Using transposable element activities to monitor neural stress and vulnerability to neurodegenerative diseases	Ponderosa Ballroom
Sofia Kung	Video Verification of Instrumented Mouthguard Data in University Rugby	Ponderosa Ballroom
Eric Jin	Why we learn from errors we cannot detect: The role of motor prediction in learning	Ponderosa Ballroom

ORAL PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
Siena Lapointe	Analysis of the Relationship Between Armillaria and Alder Bark Beetle	PCN 1002
Sarah Fuller	Autism and suicide: investigating sociological roots through integration, regulation, and anomie	PCN 1001
Tamia Parmar	Care navigation for older adults after stroke - A systematic review and meta-analyses to guide social prescribing	PCN 1008
Selma Rezavand	Computational Visualization of Particle Trajectories Around Black Holes in General Relativity	PCN 1001
Tiana Phi	Delayed Hospital Arrival is Associated with Elevated Troponin Levels in Older Adult Hip Fracture Patients	PCN 1008
Yomna Bedaiwy	Digital Storytelling as Knowledge Translation: Investigating The Impacts of Digital Stories on Viewer's Attitudes Towards Endometriosis	PCN 1009
Soroush Torfehnejad	Epigenetic Regulation and Bivalent Promoter Resolution in Synovial Sarcoma	PCN 1002
Zander Hadikin	Exploring the reflex relationship between sensory inputs from the lower leg with pelvic floor muscle activity in adults with spinal cord injury	PCN 1009
Sofia Colmenares	Fabrication and Characterization of Pectin-Protein Microgels as Alternative Emulsifiers	PCN 1002
Sophia Li	Heat, Housing, and Power: Tenant Vulnerability in Vancouver's Climate Response Policies	PCN 1002
Sama Alizadeh, Sofia Potesta	Improving the Detection of Money Laundering Using AI Models	PCN 1001

ORAL PRESENTATIONS

Presenter(s)	Presentation Title (A-Z)	Location
William Freer	Investigating Drug-Induced Immune Stimulation; an Undergraduate Flow Cytometry Teaching Laboratory in Pharmaceutical Sciences	PCN 1009
Thanat Rongbundit	Life History Variation among Threespined stickleback (<i>Gasterosteus aculeatus</i>) species pair	PCN 1008
Taylor Schepella	Logics of Governance in a Nonprofit Community Organization	PCN 1008
Wato Ito	Luxury Consumption and Identity Among Young Japanese Women	PCN 1009
Sameena Somani	Navigating Healthcare Access in Rural and Remote British Columbia: Transportation, Coordination, and Community Pathways	PCN 1001
Yalda Khaje	Restlessness Phenotypes in Children with ADHD and/or Sleep Disturbances/Disorders (SDDs)	PCN 1009
Sunny Yang	Sex Differences in Muscle Strength Are Not Explained by Extracellular Matrix Characteristics	PCN 1002
Sloane Madden	Shifting Values and Tried Tools: Mapping Student Implementation of GenAI	PCN 1002
Tara Tseng-West	State Commemoration and the Making of Collective Memory in Canada: A Comparison of 1967 and 2017	PCN 1008
Samantha Schwenger	Study of Hyperpolarised Imaging Following CFTR Modulator Therapy change in Cystic Fibrosis (SHIFT): Study Protocol	PCN 1001
Teagan Maclachlan	The mountain heather hybrid <i>Phyllodoce</i> × <i>intermedia</i> originates from convergent bidirectional hybridization between <i>P. empetriformis</i> and <i>P. glanduliflora</i> in British Columbia	PCN 1008
Yasna Vafi Manshadi	Transcranial Magnetic Stimulation Induces Acute Changes in Global Functional Connectivity	PCN 1009
Julia Do	Watching Protest: How Surveillance Became a Routine Part of U.S. Policing	PCN 1001

THANK YOU



MURC 2026 began as an idea and became a community.

Early mornings. Late nights. Countless details brought to life by a shared belief that student research deserves to be seen and celebrated.

To our presenters, thank you for your courage. This conference exists because of you.

To our adjudicators, review committee, workshop hosts, volunteers, partners, keynote speaker, and UBC staff, thank you for the care and commitment that made this day possible.

To the MURC 2026 Planning Committee, this conference stands on your leadership. You transformed Curiosity Without Borders into a space where ideas connect and students lead.

MURC 2026 is more than a single day. It is proof that knowledge grows in community.

May the conversations continue. May the ideas create impact.

Curiosity without borders, today and always.