



THE UNIVERSITY OF BRITISH COLUMBIA

Pharmacy Education Research and Leadership
Faculty of Pharmaceutical Sciences



Annual Report 2022-2023

UBC's Point Grey Campus is located on the traditional, ancestral, and unceded territory of the x^wməθk^wəy'əm (Musqueam) people. The land it is situated on has always been a place of learning for the Musqueam people, who for millennia have passed on their culture, history, and traditions from one generation to the next on this site.

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Introduction



The Pharmacy Education Research and Leadership (PERL) research theme at the UBC Faculty of Pharmaceutical Sciences is Canada's first pharmacy education research collaborative. Formalized in 2017, PERL is one of four core research themes in the Faculty and a leader in pharmacy education scholarship and research locally, nationally and internationally. Aligned with the Faculty's new Strategic Plan, Catalyst for Change 2.0: 2023-2026, PERL's vision is:

“To advance the quality of pharmacy education and practice through world class educational scholarship, research, and knowledge translation.”

The members of PERL are a strong, cohesive community of established and emerging scholars with extensive expertise in teaching, learning, curriculum development, and educational leadership across pharmacy education contexts. Striving towards PERL's vision is their collective goal.

PERL members are engaged in identifying best practices and finding solutions to critical issues facing academic pharmacy today while fostering the next generation of educational leaders and researchers. Rigorous, methodologically diverse, and impactful inquiry and scholarship along with extensive collaborations within and beyond the Faculty of Pharmaceutical Sciences are keys to their success.

PERL members have long recognized that the great diversity of our Faculty's academic programs (E2P PharmD, Flex PharmD, BPSc) provides tremendous opportunities for individual and collaborative educational research in the following areas:

- Professional identity formation,
- Indigenous health and decolonizing educational practices,
- Pharmacy practice simulations,
- Experiential and competency-based education, and,
- Quality Improvement/Quality Assurance scholarship

Highlights



6

Completed Feature Projects



17

Scholarly Publications and Reports



66

Presentations



28

Grants

Total funding: \$1,898,503 with \$1,201,366 from external sources



9

Media



33

Directed Studies Projects



11

Educational Leadership Appointments



4

Awards



8

Capacity-Building Efforts within PERL

PERL Impact Statements

Some ways PERL members are making a difference:

“By better communicating expected student performance at the end of each practicum course as well as longitudinally across the program, a novel assessment rubric based on the Dreyfus Model of Skill Acquisition is intended to better support student learning, minimize subjectivity, and improve consistency between practice educators in evaluating student capability and competence, challenges common with performance assessment.

The development and pilot of a regional practicum model within pharmacy education is hoped to expand access to both education and healthcare within underserved communities and create enhanced experiential learning opportunities and experiences for pharmacy students.”

“Disseminated new insights on student engagement in community-engaged learning within a pharmacy education context through published research.”

Completed Feature Projects

PERL members are deeply engaged in efforts to improve both pharmacy practice and improving education in the pharmaceutical sciences. They lead numerous projects across pharmaceutical sciences education contexts, and over the past year have completed several of these projects:

A Public Health Symposium and Workshop on Racism in the Healthcare Systems

Timothy Lim, Leonie Harper, Sandra Jarvis-Selinger, Donna Drynan

This pilot project seeks to educate faculty, staff and students in UBC's health and human services programs about racism in the healthcare system and its health-related impacts on those who experience it (either as a patient or a care provider).

This multi-disciplinary, two-phase symposium and workshop will provide the context for faculty health professional educators and their trainees to reflect on their positionality in the healthcare system, and promote the development of more compassionate, culturally mindful and anti-racist healthcare providers.

Exploring Factors that Influence Student Engagement in Community-Engaged Learning Activities within a Pharmacy Context (ExCEL-Rx)

Kayla Fang, Gilly Lau, Jamie Park, Paulo Tchen

The curriculum of the Faculty of Pharmaceutical Sciences' Entry-to-Practice PharmD program prepares students to fulfill the clinical components of practice as well as achieve social accountability. Community-engaged learning (CEL) activities are key components of teaching and building social accountability for pharmacy students.

Second-year pharmacy students take a mandatory CEL course, where each student is matched with a community partner organization to fulfill 20 hours of service. Additionally, many UBC pharmacy students are actively involved in voluntary CEL activities, which encompass any extracurricular activity where students elect to provide education to the public on health topics.

Through this phenomenological study, we identified factors that enhance and restrict student engagement in CEL activities, such as having structured learning activities that incorporate reflective learning for mandatory CEL and having a personal interest in the topic for voluntary CEL. We also found overlapping motivations for both mandatory and voluntary CEL, such as having a broader perspective of the diverse populations in the community. We hope to utilize these findings to enhance student engagement in the design of CEL activities in the curriculum.

Using Animated Videos to Inspire Learning during Practicum: Learning Moments on Practicum Video Series

George Pachev, Neelam Dhaliwal, Gilly Lau, Tarique Benbow, Satvir Heer, John Lee, Garrett Tang, Harmen Tatla

Students enter the Faculty of Pharmaceutical Sciences' Entry-to-Practice PharmD program as expert classroom learners. However, the program includes 44 weeks of experiential education practicums, a learning environment that is much less familiar to students. Practicum learning environments include outpatient and inpatient direct patient care, and non-direct patient care settings. Students can benefit from additional support in learning effectively as they transition out of the classroom setting and into these experiential education practicums.

To address this, we created a series of animated videos framed around the theoretical concepts of the "learning cycle" and "learning script" and based on previously completed research on students' "learning moments" on practicum. Please access the following URL to view an example of one video we have created. A total of five videos have been produced, and an evaluation of this project is planned for the near future.

https://learning.media.ubc.ca/media/01%20-%20Learning%20Moments:%20Learning%20Cycle/0_jhmz963h

Developing guidance for ethically-sound Scholarship of Teaching and Learning (SoTL) research at UBC

Emily Wong, Romina Sardari, Simon P. Albon

Have you ever asked the question, "Does my educational scholarship project need formal ethics review?" or "Can I publish this scholarly teaching project without ethics approval?" Currently, UBC provides little guidance to help answer these questions, a situation often leading to ambivalence about the ethics process in education-related scholarship. To address this issue, this project is creating critical guidelines for ethically-sound educational scholarship that includes the Scholarship of Teaching and Learning (SoTL) and quality assurance/quality improvement research in academic contexts. Drawing on national Tri-council ethics guidelines for biomedical research involving humans, project development combines rigorous literature review and web searching for key ethical considerations for SoTL research and existing guidance on ethically-sound SoTL in Canadian Universities with extensive collaboration involving UBC's Institute for the SoTL and Office of Research Ethics, and Research Ethics BC. The intent is to create a comprehensive, user-friendly screening tool that guides educational researchers through the research design/ethics review processes at UBC, and more broadly, across the province's health authorities. The screening tool represents the first of its kind at UBC.

Making our educational contributions more visible and valued

Simon P. Albon, Janet Cooley, Kristin K. Janke

Most faculty members' contributions to pharmacy education are significant but often challenging to document and describe. In addition, contributions may go unrecognized or rewarded unless the work results in a publication or presentation. As part of an on-going, in-depth examination of educational impact, this project focuses on methods for faculty to identify and organize their academic contributions, particularly for those whose primary role is teaching. Building on significant work completed at UBC, the Educational Leadership Mapping (ELM) tool is assisting pharmacy educators in thinking systematically about the full breadth of their education contributions for documenting in CVs and teaching dossiers. Application of the ELM tool in the teaching, service, and research domains of academic work facilitates the development of a more complete picture of education contributions for others to see and appreciate as well as professional development and career advancement decisions. Creating a pharmacy-specific impact framework for scholarly teaching initiatives along with structured visualization and narrative approaches for describing and communicating impact continue this work.

UPROOT: A Community-based Approach to Decolonizing and Indigenizing the Pharmacy Curriculum

Larry Leung, Jason Min, Patricia Bobb, Doreen Hopkins, Teresa Ryan, Glenda Philips, Carolyn MacKinnon, Lindsay Ellefson, Lindsay Swanson, Tia De Groot, Brina Kim, Brittany King, Jessie Li, Nailah King-Hopkins, Idalyia Swanson, Brandon Whitmore, Emma Young

In response to the Truth and Reconciliation Commission Calls to Action, the United Nations Declaration on the Rights of Indigenous Peoples, and UBC's Strategic Plan, health programs are striving to meet our responsibilities to increase Indigenous health learning opportunities. This project strengthened, scaffolded, and expanded Indigenous content by creating two courses: (1) a mandatory pharmacy course on Indigenous health and wellness, (2) an elective course using a blended-model of Indigenous community-based learning and classroom teaching. Students use a strengths-based approach to collaborate with partners in the development of community-based pharmacy projects. The curriculum was overseen by an advisory committee, comprised of Indigenous team members and partners, students, and non-Indigenous allies. The meaningful participation of our partners ensured the approach, development, and evaluation of the project aligned with Indigenous knowledge, values, and practices. The community-based projects will serve as an opportunity for ongoing reciprocity and lasting partnerships. For more information on this project, please visit: <https://tlef.ubc.ca/stories/uproot-approach-decolonization-pharmacy-education/>

Scholarly Publications and Reports

Babadagli HE, Barry AR, Thanassoulis G, Pearson GJ. 2023. Updated guidelines for the management of dyslipidemia and the prevention of cardiovascular disease in adults by pharmacists. *Can Pharm J Rev Pharm Can.* 156(3):117-127. doi:10.1177/17151635231164989.

Barry AR. 2022. Interactive case: deprescribing in cardiovascular disease. In: Jackevicius CA, Patterson JH, editors. *Cardiology Self-Assessment Program, 2022 Book 2, Special Populations.* Lenexa, KS: American College of Clinical Pharmacy. p. 131-137.

Barry AR, Boswell R, Babadagli HE, Chen JW, Pollmann DM, Zhou JS. 2023. Review of the top 5 cardiology studies of 2021-22. *Can Pharm J Rev Pharm Can.* 156(4):188-193. doi:10.1177/17151635231176267.

Barry AR, Grewal M, Blain L. 2023. Use of Guideline-Directed Medical Therapy in Patients Aged 80 Years or Older With Heart Failure With Reduced Ejection Fraction. *CJC Open.* 5(4):303-309. doi:10.1016/j.cjco.2023.01.002.

Bolt J, Barry AR, Yuen J, Madden K, Dhillon M, Inglis C. 2023. Retrospective Cross-sectional Analysis of Older Adults Living with Frailty and Anticoagulant Use for Atrial Fibrillation. *Can Geriatr J.* 26(2):259-265. doi:10.5770/cgj.26.643.

Chan F, Leung R, Seet T, Yeung JK, MacNeil K, Saran JJK, Pammett R, Verma AK, Jarvis-Selinger S. 2023. PHarmacy Students as Educators (PHASE): Implementation and evaluation of an educator's curriculum for pharmacy students. *Curr Pharm Teach Learn.* 15(7):699-708. doi:10.1016/j.cptl.2023.06.024.

Charrois TL, Sewell HD. 2023. Clinical decision-making by fourth-year pharmacy students: Towards an understanding of their uncertainty. *Curr Pharm Teach Learn.* 15(9):779-786. doi:10.1016/j.cptl.2023.07.020.

Dahri K, Araujo L, Chen S, Bagri H, Walia K, Lau L, Legal M. 2023. Community pharmacist perceptions of drug-drug interactions. *Can Pharm J Rev Pharm Can.* 156(1):42-47. doi:10.1177/17151635221140379.

Dahri K, Hong C, Yang C, Chan F. 2023. Implementation and assessment of a novel drug interaction tool (TLC-act) in an entry-to-practice doctor of pharmacy program. *Curr Pharm Teach Learn.* 15(9):836-842. doi:10.1016/j.cptl.2023.07.018.

Fang KM, Lau GC, Park JY, Tchen P. 2022. Exploring Factors That Influence Student Engagement in Community-Engaged Learning Activities Within a Pharmacy Context. *Am J Pharm Educ.* 86(4):8637. doi:10.5688/ajpe8637.

Fazelipour M, Leung L, Min J, Ryan T (Sm'hayetsk). 2022. Building practice-informed indigenous health curricula: A systematic review of pharmacy services for indigenous peoples. *Curr Pharm Teach Learn*. 14(11):1448-1460. doi:10.1016/j.cptl.2022.09.019.

Janke KK, Cooley JH, Albon SP. 2023. Interrogating Our Views on the Impact of Education-Related Scholarship. *Am J Pharm Educ*. 87(6). doi:10.1016/j.ajpe.2023.100085. [accessed 2023 Aug 29]. [https://www.aacpajpe.org/article/S0002-9459\(23\)00086-4/fulltext](https://www.aacpajpe.org/article/S0002-9459(23)00086-4/fulltext).

Li Y (Shirley), Dahri K, Chan F. 2023. Environmental scan of the patient voice in Canadian E2P PharmD programs. *Curr Pharm Teach Learn*. 15(7):680-685. doi:10.1016/j.cptl.2023.06.020.

Nemir A, Pearson M, Kitchin V, Wilbur K. 2023 May 31. Real Patient Participation in Workplace-Based Assessment of Health Professional Trainees: A Scoping Review. *Eval Health Prof.*:01632787231180275. doi:10.1177/01632787231180275.

Taheri A, Chan S, Mira A, Yeung J. 2022. Characterizing the role and associated stakeholder perceptions of a novel pharmacy experiential education facilitator role within the inpatient practice setting. *Curr Pharm Teach Learn*. 14(9):1154-1159. doi:10.1016/j.cptl.2022.07.033.

Wilbur K, Teunissen PW, Scheele F, Driessen EW, Yeung J, Pachev G. 2023. Pharmacist trainees narrow scope of interprofessional collaboration and communication in hospital practice. *J Interprof Care*. 37(3):428-437. doi:10.1080/13561820.2022.2090910.

Yeung JK, Ladak AR, Bruchet N, Pachev G. 2023. Assessing Student Performance Using a Novel Rubric Based on the Dreyfus Model of Skill Acquisition. *Am J Pharm Educ*. 87(6):100060. doi:10.1016/j.ajpe.2023.100060.

Presentations

Wilbur K, Dhatt A, Fazelpour M, Sun T, Nemir A. (30 August 2022) Practicing health advocate competency roles in pharmacist workplace-based training. An International Association for Medical Education (AMEE) Conference. Lyon, France.

Yeung, J. (1 October 2022) Supporting Students in Difficulty - When Rotations Don't Go As Planned... University of Manitoba College of Pharmacy Preceptor Awards and Recognition Event (virtual).

Xia J. (5 October 2022) Understanding biosimilars in Canada: A case-based approach to biosimilars in Rheumatology, Dermatology and Inflammatory Bowel Disease for Pharmacists. Accredited talk to Telus Health Virtual Pharmacy pharmacists from BC, AB, MB, SK, QC, ON via Zoom. This program received an educational grant from Sandoz Canada Inc.

Chan F, Pai A, Kanji T, **Seto K**, **Grosshuesch J.** (12 October 2022) Implementation and Evaluation of a Simulation Stethoscope and Standardized Patient (SIMpathetic) Program for Pharmacy Students. Poster presentation at the UBC Centre for Health Education Scholarship Celebration of Scholarship, Vancouver, BC.

Dhaliwal N, Rishi S, **Yeung JK.** (12 October 2022) Regional Practicum Model for Pharmacy Experiential Education. Poster Presented at: UBC Centre for Health Education Scholarship Celebration of Scholarship, Vancouver, BC.

Dhaliwal N, **Wong G**, Jradi A, **Yeung J.** (12 October 2022) Webinar-Based Training for Pharmacy Practice Educators. Presentation at UBC Centre for Health Education Scholarship Celebration of Scholarship, Vancouver, BC.

Fang KM, **Tchen P**, **Lau GC**, Yu CQ. (12 October 2022) Development of a Community-Engaged Learning Pharmacy Elective Focused on Population and Public Health Concepts. Poster presented at the UBC Centre for Health Education Scholarship Celebration of Scholarship, Vancouver, BC.

Gerber P, Kuskowski A, Wright L, Scheaffer K, Solarik E, Atiyeh L, Abumeeiz S, Fornwald E, Ellis U, Ojo E. (12 October 2022) Supporting Student Understanding of the Impact of Social Media Platforms: The Pharmacy Digital Tattoo Project. Presented at the UBC Centre for Health Education Scholarship Celebration of Scholarship, Vancouver, BC.

Gill JK, **Harper L.** (12 October 2022) Evaluating programs for a post-COVID world: Using data to refine the delivery of UBC's Entry-to-Practice PharmD program. Poster presentation at the UBC Centre for Health Education Scholarship Celebration of Scholarship, Vancouver, BC.

Lim T, Harper L. (12 October 2022) Racism is Deadlier Than You Think: Listening, Unlearning, and Relearning to Enable Anti-Racism in Healthcare Education. Oral presentation at Centre for Health Education Scholarship Celebration of Scholarship, Vancouver, BC.

Lui M, Al-Nuaimi A, Ragsdale P, Wright L, Kim R, **Gerber P.** (12 October 2022) LinkedIn as a Catalyst to Leadership Development and Networking for Alumni and Students of a Leadership Course. Poster presented at the UBC Centre for Health Education Scholarship Celebration of Scholarship, Vancouver, BC.

Pearson M, Brodoway H. (12 October 2022) "It's overwhelming": Perceptions of student workload. Presentation at the UBC Centre for Health Education Scholarship Celebration of Scholarship, Vancouver, BC.

Sardari R, **Albon SP.** (12 October 2022) Creating a working prototype of an ethics screening tool for SoTL and QA/QI work at UBC and broader contexts. Poster presentation at the UBC Centre for Health Education Scholarship Celebration of Scholarship, Vancouver, BC.

Yeung J, Ladak A, Bruchet N, **Pachev G.** (12 October 2022) Assessing Pharmacy Student Performance on Practicum Using a Novel Rubric Based on the Dreyfus Model of Skill Acquisition. Poster presentation at the UBC Centre for Health Education Scholarship Celebration of Scholarship, Vancouver, BC.

Lai T, Tang A. (15 October 2022) Crashing the Cis-stem: Understanding SOGIE Inclusive Pharmacy Practice. Canadian Society of Hospital Pharmacists Manitoba Branch Fall Half-Day. Winnipeg, Manitoba and online.

Yeung J. (19 October 2022) Supporting Students in Difficulty - When Rotations Don't Go As Planned. University of Manitoba's College of Pharmacy Preceptor Awards and Recognition Event (virtual).

Sardari R, **Albon SP.** (21 October 2022). Creating a working prototype of an ethics screening tool for SoTL and QA/QI work at UBC and broader contexts. Podium presentation at the UBC Institute for the Scholarship of Teaching and Learning (ISoTL) Celebration of SoTL Event, Vancouver, BC.

Gerber P, Koskowski A, Wright L, Scheaffer K, Solarik E, Atiyeh L, Abumeeiz S, Fornwald E, Ellis U, Ojo E. (21 October 2022) Enhancing Student Confidence in Navigating Social Media Platforms and in their Emerging Professional Digital Identities: The Pharmacy Digital Tattoo Project. Presented at the Academy for Professionalism in Healthcare annual conference (virtual).

Wong G, Lau G, Yeung J, Dhaliwal N. (25 October 2022) When Things Don't Go Right on Practicum. OEE Practice Educator Development Workshop. Prince George, BC.

Wilbur K. (30 October - 2 November) Writing for audiences beyond the educational community to produce public SoTL, or works of public scholarship informed by SoTL. Lead presenter at ISSOTL2022 for one of the four International Collaborative Writing Group (ICWG) cohorts. Kelowna, BC.

Xia J. (30 November 2022) Understanding Biosimilars in Canada A Case Based Approach to Biosimilars in Rheumatology, Dermatology, and Inflammatory Bowel Disease. Presented as part of the P.A.T.H education series with Rexall Pharmacy via Microsoft Teams Live.

Yeung J. (December 2022) "Development of a Pilot Regional Practicum Model in the UBC Entry-to-Practice PharmD Program" Canadian Foundation for Pharmacy Wellspring Reception (virtual).

Loewen P, Gerber P. (24 January 2023) Resources, tools, and frameworks for building a modular pharmacy medication management curriculum. Workshop for faculty presented at the Qatar University College of Pharmacy. Doha, Qatar.

Gerber P, Loewen P. (24 January 2023) Team decision-making to design and deliver learning activities in a modular pharmacy curriculum. Workshop for faculty presented at the Qatar University College of Pharmacy. Doha, Qatar.

Gerber P, Loewen P. (24 January 2023) Principles and practices for Integrating science and practice in a modular pharmacy medication management curriculum. Workshop for faculty presented at the Qatar University College of Pharmacy. Doha, Qatar.

Loewen P, Gerber P. (25 January 2023) Scaffolding tools for student assessment in an integrated modular pharmacy curriculum. Workshop for faculty presented at the Qatar University College of Pharmacy. Doha, Qatar.

Gerber P, Loewen P. (25 January 2023) Systems and structures for building a student assessment program in an integrated modular pharmacy curriculum. Workshop for faculty presented at the Qatar University College of Pharmacy. Doha, Qatar.

Gerber P. (7 March 2023) Professionalism and Professional Identity: Distinct and Essential Ingredients of an Ever-Evolving Profession. Windsor Regional Hospital (virtual), Windsor, Ontario.

Loewen P. (7 March 2023) Living your best atrial fibrillation life: the importance of self-care. Presented at the 10th annual "Okanagans Embrace Aging Month" café scientifique hosted by UBC Okanagan School of Nursing and supported by the UBC Institute for Healthy Living and Chronic Disease Prevention, Michael Smith Foundation for Health Research, and CIHR. Kelowna, BC.

Burke S, **Mira A.** (18 March 2023) Development of a Peer Feedback Activity to Improve Pharmacy Students' Clinical Documentation Skills. Poster presented at the UBC Multidisciplinary Undergraduate Research Conference, Vancouver, BC.

Lee J, Chan F, **Dahri K,** Hong C. (18 March 2023) The TLC-Act: Acting On Drug Interactions. Presented at the UBC Multidisciplinary Undergraduate Research Conference (virtual), Vancouver, BC.

Lai T, Chen L. (25 March) Queering Pharmacy Education: Navigating the “Straights” and Narrow. Inclusive Health Conference, University of Alberta Faculty of Medicine. Edmonton, Alberta.

Sugiarto E, Leung R, **Yuen J**. (24-27 March 2023) “Pharmacists’ Experience, Knowledge, Attitudes, and Perspectives of Psilocybin in Canada.” American Pharmacists Association Annual Meeting and Exposition, Phoenix, AZ, March 24-27, 2023.

Leung R, Klaassen A, Sugiarto E, Reardon J, **Yuen J**. (24-27 March 2023) “Characterization of Advanced Pharmacy Practice Experience (APPE) Students’ Patient Care at a Pharmacist-led University Affiliated Patient Care Clinic.” American Pharmacists Association Annual Meeting and Exposition, Phoenix, AZ, March 24-27, 2023.

Tang A, Lai T, Ng C. (21 April 2023) Untucking the Pharmacy Experiences of the 2SLGBTQ+ Communities. Oral presentation at the College of Pharmacists of BC Board Meeting. Vancouver, BC.

Harrison M. (24 April 2023) The impact of the first universal biosimilar switching policies for inflammatory arthritis in North America on uptake and spending. The 67th Annual General Assembly and Scientific Meeting of the Japan College of Rheumatology, Fukuoka, Japan.

Fang P, Stacy E, **Yeung J, Leung L, Gerber P**, Zou B, Vallee G, **Harper L, Min J**, Kanji T, Tonnesen C, **Wilbur K**, Chatterton J, Fang S, Liu E, Oleman G, **Jarvis-Selinger S**. (May 2023) Building Foundations for Decolonization and Indignization in Academic Programs within the Faculty of Pharmaceutical Sciences. UBC Teaching and Learning Enhancement Fund Showcase. Vancouver, BC.

Xia J. (23 May 2023) Contraception Prescribing in Community Pharmacy Practice. Presented to Save-On-Foods pharmacists in BC via MS Teams. This program received an educational grant from Viatrix.

Tilli T, **Lim T**, et al. (7-8 June 2023). Expanding Opioid Stewardship: Hospital and Primary Care Pharmacist Collaboration. Oral storyboard presentation presented to the BC Quality Forum 2023.

Yuen J, Sugiarto E, Bleik A, Van T, Reardon J, Nourse A. (7-8 June 2023) Patients and pharmacists partnering in virtual hypertension management – an update with preliminary results. Storyboard presentation presented to the BC Quality Forum 2023, Vancouver, BC.

Bihelek N, Tran A, Schuckel M, Uppal I, Lee O, Martin B, Tuck K, **Leung L**. Building Patient-Informed Medication Resources for Parkinson Disease. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 – 16, 2023. Winnipeg, Manitoba.

Chan F. Simulation and stethoscopes and standardized patients. Oral presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 – 16, 2023. Winnipeg, Manitoba.

Chan F, Mira A, Seet T. Implementation of an academic electronic health record in patient case tutorials within an Entry-to-Practice PharmD Program at the University of British Columbia. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Chen L, Tsai M, **Tang A, Lai T.** Evaluation of the Queer Curriculum Advisory Committee: Co-creating a SOGIE-inclusive pharmacy curriculum through community engagement. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Dahri K, Hong C, Carvalho VN, **Chan F.** Implementation and Assessment of a Novel Drug Interaction Tool (TLC-Act) in an Entry to Practice Doctor of Pharmacy Program. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Dai, M, Bihelek, N, Schuckel M, Uppal I, Chan E, Lee O, Busse A, **Leung L.** Building Resources and Assessments in Neurology (the BRAIN Project) to Optimize Pharmacy Student Learning. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Ellefson L, Swanson S, Whitmore B, **Min J, Leung L.** The UPROOT Indigenous Pharmacy Student Collegium: Creating Safe Spaces and Scholarships for Cultural Learning. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Gerber P. Inclusive leadership: Multi-perspective “deliberative dialogues” in a leadership class. Oral presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Guo L, Luong I, **Min J.** How to enhance paper-based cases with the aEHR - recommendations from student power-users. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Hou C, **Min J.** The use of bonus marks as an incentive to encourage independent learning. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Leung L, Min J. UPROOT: The delivery of a mandatory indigenous health and cultural safety course in pharmacy. Oral presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Li Y, **Dahri K, Chan F**. Environmental Scan of the Patient Voice in Canadian E2P PharmD Programs. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Lim T, Tsai M, D'Amato F, Kapanen A. Deaf, Deaf-Blind and Hard of Hearing Community Needs and Perceptions of Pharmacy Services. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Liu Y, **Pachev G, Verma A**. Pharmacy Students' Perspectives on Reflecting for Effective Learning during Practicum. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Manhas J, Ng C, **Lai T**, Tang C. Evaluation of a mandatory first-year lecture and a second-year workshop on sexual orientation, gender identity, and expression. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Min J, Leung L, Blais T. Indigenous Student Safety in Pharmacy. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Mira A et al. Implementation of a novel and individualized online therapeutic discussion between a student and pharmacist instructor within an Entry-to-Practice PharmD Program at the University of British Columbia. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Mira A et al. Implementation of a Discrimination in Health Care Reflection Assignment within Program Year 1 of an Entry-to-Practice PharmD Program. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Mira A et al. Development and Implementation of a Mental Calculations Module within Program Year 1 of an Entry-to-Practice PharmD Program. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Ragsdale P, Micallef J. Post-Pandemic Pedagogies in Academic Pharmacy: Piloting a technology-enabled hybrid course design for student engagement. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Sheikhi A, **Pachev G, Verma A**. Answering Drug Information Requests (DIR): Resources Used by Pharmacy Students during Outpatient Practicum. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Tang A, Lai T. PRIDE-RX progress updates: Navigating the straights and narrow of higher education. Oral presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Wilbur K, Dhatt A, Fazelipour M, Wan T, Nemir A. Health advocate competency role: A gulf between instruction and practice remains. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Wilby K, **Charrois T**, Perepelkin J, **Wilbur K**. Editors Tell-All: Publishing secrets to get that paper accepted. Oral presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Zhang S, **Pachev G, Verma A**. Effect of group-formation principles on students' academic achievement. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education and Research Conference (CPERC) June 13 - 16, 2023. Winnipeg, Manitoba.

Smith AD. (29 June 2023) A Taste of the Pharmaceutical Sciences: Development of Labs to Support Student Learning. Poster presentation at the 44th Annual Association for Biology Laboratory Education Conference. San Diego, California, USA.

Grants

Kerry Wilbur, Anu Awotunde, Colleen Inglis, Jennifer Bolt, Karen Dahri and 4 other collaborators across other UBC faculties received \$17,000 in the Spring 2022 competition administered by UBC Health for their project, "Optimizing team-used integrated primary care for older adults."

Tristan Lai and M Gaudin received \$1,500 from UBC Partnership Recognition and Exploration Fund (2022) for their project "Community Kitchen Partnership for Wellness and Food Security."

Kerry Wilbur (PI), Laura Nimmon (CI) and Anique Atherley (CI) received \$68,279 over two years from the Social Sciences and Humanities Research Council (SSHRC) Insight Development Grant for their project "Community pharmacists roles in collaborative patient-centered care: a social network analysis."

Tristan Lai and Tobi Newman received \$1,500 from UBC Partnership Recognition and Exploration Fund (2022) for their project "Light Up the Holidays."

Deb Schmitz, Alex Tang, and Jane Xia received \$1,500 from UBC Partnership Recognition and Exploration Fund (2022) for their project "Pharmacy Assessment Tool for Hepatitis C (PATH): Linking Patients to Care at Community Pharmacies."

Kerry Wilbur, Leonie Harper, and Ginette Vallée received \$71,817 from the UBC Teaching and Learning Enhancement Fund (2023-2024) for their project "Hybridization in the PharmD Program (HIPP)."

Tristan Lai and Alex Tang received \$100,227 from the UBC Teaching and Learning Enhancement Fund (2023-2024) for their project "Promoting 2SLGBTQQA+ Inclusion, Diversity, and Equity in Pharmacy Education (PRIDE-RX)."

Tristan Lai, Timothy Lim, and L Chen received a \$900 Move UBC grant (2023) for their project "Category is... Vogue."

Larry Leung and Marilyn Werseen-Lenzen of Multiple Sclerosis of Canada received \$1,500 from the UBC Partnership Recognition and Exploration Fund for their project "Creating a Medication Education Tool to Support Patients with Multiple Sclerosis and Pharmacy Student Learners."

Ali Reza Ladak and Brie Wei received 20 hours of support from the UBC SoTL Seed Program for their project "Perceptions of an online branching community pharmacy case (OBCPC)."

Alex Tang (PI), Gabriella Wong, Sara Hamidi, and Meg Wang received \$6,752 from the UBC Students as Partners Fund for their project "IMPACTS - Improving the Interprofessional Collaboration Practicum Through Student Partnership."

Students P Chang and A Azote, supervised by Fong Chan, were awarded \$7,100 from the UBC Students as Partners Fund for their project "RENAL: Reinforcement of Education for Nephrology Academic Learning."

Jane Xia (PI), Tony Seet, Jocelyn Micallef, Esther Ko (PY3), Ali Reza Ladak, Aileen Mira, Fong Chan, Colleen Brady, Jon Grosshuesch, Michelle Fischer, Neelam Dhaliwal, and Andrea Busse were awarded \$30,000 from the UBC Teaching and Learning Enhancement Fund for the first year of their project (2023-2025) "IMPPaCT Project - Implementing Pharmacy Point of Care Testing Project."

Kerry Wilbur, Ali Reza Ladak and Kathy Seto were awarded \$24,732 from the Faculty of Pharmaceutical Sciences Strategic Plan Implementation Fund for their project "Minor Ailment Prescribing - Program Review for Expanded Practice (PREP)."

Neelam Dhaliwal and Kayla Fang were awarded \$16,044 from the Faculty of Pharmaceutical Sciences Strategic Plan Implementation Fund for their project "Fostering a Culturally Safe Experiential Learning Environment."

Neelam Dhaliwal and Janice Yeung were awarded \$16,752 from the Faculty of Pharmaceutical Sciences Strategic Plan Implementation Fund for their project "Implementing a Regional Practicum Model in the UBC Entry-to-Practice PharmD Program."

Larry Lynd and Mandy Khara, with Judy Wong, Mohsen Sadatsafavi, Shyh-Dar Li, Sandra Jarvis-Selinger, and Thomas Chang were awarded \$15,000 from the Faculty of Pharmaceutical Sciences Strategic Plan Implementation Fund for their project "Catalyze: Advancing Pharmaceutical Research and Partnerships."

Jaris Swidrovich (University of Toronto), J Kellar (University of Toronto), and Sandra Jarvis-Selinger were awarded \$55,889 over 2 years from a SSHRC Insight Development Grant for their project "Exploring the Experience of Senior Indigenous and Black Pharmacy Students' Professional Identity Formation: A Dual Canadian University Site Approach."

J Oshiro, A Nash, K Wisener, B Stanley, P Rahbar, and Sandra Jarvis-Selinger were awarded \$249,350 (2023-2026) from the UBC Indigenous Strategic Initiatives Fund, Stream 2: Transformative Projects, for their project "Bridging the gap to UBC: transforming an online mentoring program to meet the needs of rural Indigenous youth."

Karen Dahri (PI) and students Simroop Ladhar, Ingrid Frank and Jasdeep Gill were awarded \$7,098.40 from the UBC Students as Partners Fund for their project "Building Responsible Environmental Awareness Through Inhaler Education (BREATHE)".

Karen Tran (PI), Sonya Cressman, Karen Dahri, Martin G Dawes, Kendall Ho, Nadia A Khan, Chad A Kim Sing, Meagan Y Mak, Birinder K Mangat, Helen J Novak Lauscher, and Hubert H Wong, were awarded a \$956,250 CIHR Project Grant (5 years) for their project "Telehealth for Emergency-Community Continuity of Care Connectivity via Home Blood Pressure Telemonitoring (TEC4HOME-BP)."

Gabriella Wong (PI), Asal Taheri (CI), and Janice Yeung (CI) received \$27,298 from the UBC Teaching and Learning Enhancement Fund (2023-2024) for their project "Remediation Program for Students Experiencing Academic Challenges during Practicum in the Entry-to-Practice PharmD Program."

Janice Yeung (PI) and Neelam Dhaliwal (CI) received \$5,948 from the Canadian Foundation for Pharmacy (Wellspring Leadership Award) for their project "Development of a Regional Practicum Model in the UBC Entry-to-Practice PharmD Program."

Leonie Harper, Ginette Vallée, J Micallef, Jasmin K Gill, G Song, Marion Pearson, Kathy Seto, Jonathan Grosshuesch, Rob Pammett, Leah Villalobos, Lia Hughes, George Pachev, JP Marchand, Kerry Wilbur, and Paulo Tchen were awarded \$71,817 from the UBC Teaching Learning and Enhancement Fund (TLEF) for one year of their two-year project (2023-2025) "Hybrid Learning in the PharmD Program (HIPPP)."

Rob Pammett, Leonie Harper, and Lynda Eccott were awarded a \$5,500 UBC Climate and Wellbeing Education Grants for a one-year project (2023-24).

Larry Leung (PI), Bailey Martin (PI), Keiran Tuck, Amy Tran, Nicoline Bihelek, Elizabeth Chan, Marie Dai, Olivia Lee, Madailein Schuckel, and Indraj Uppal were awarded \$23,750 from the University of British Columbia Community-University Engagement Fund for their project "Leading by Learning: A Patient-Engaged Education Program for Parkinson's Disease."

Larry Leung and Jason Min received \$100,000 from the Vancouver Foundation for year 2 of their project, "Uprooting Pharmacy: A Two-Eyed Seeing Path for Change."

Amy Tran, Larry Leung, Bailey Martin, and Keiran Tuck received \$15,000 from the Canadian Foundation of Pharmacy for their project, "Optimizing Care and Collaboration for Parkinson's Disease."

Media

Pharmaceutical sciences clinical professor **Dr. Peter Loewen** commented on the flow of prescription goods between Canada and the U.S. for a news story titled “Pharmacists fear more drugs may fall into loophole that saw B.C. Ozempic sent to U.S.” that was picked up by the Toronto Star, Alaska Highway News, and Global News (12 April 2023).

- <https://www.thestar.com/politics/2023/04/12/pharmacists-fear-more-drugs-may-fall-into-loophole-that-saw-bc-ozempic-sent-to-us.html>
- <https://www.alaskahighwaynews.ca/national-news/pharmacists-fear-more-drugs-may-fall-into-loophole-that-saw-bc-ozempic-sent-to-us-6841135>
- <https://globalnews.ca/news/9618159/ozempic-diabetes-weight-loss-drug-policy/>

Larry Leung, Jason Min, and fourth-year students Lindsay Ellefson and Lindsay Swanson were featured in a CTLT article (published 24 May 2023) titled “An UPROOT approach to decolonizing pharmacy education.” URL: <https://tlef.ubc.ca/stories/uproot-approach-decolonization-pharmacy-education/>

Tristan Lai was featured by the Canadian Pharmacists Association (June 2023) in an article titled “Pharmacy Check-in: Meet Tristan Lai.” URL: <https://www.pharmacists.ca/news-events/news/pharmacy-check-in-meet-tristan-lai/>

Alex Tang engaged in a Pride Month Q&A session with the Canadian Pharmacists Association. (14 June 23) in the article “Pharmacy Check-in: Meet Alex Tang.” URL: <https://www.pharmacists.ca/news-events/news/pharmacy-check-in-meet-alex-tang/>

Judith Soon was featured in The Abbotsford News (19 Jun 2023) on the occasion of her being awarded an honorary degree from the University of the Fraser Valley. “Judith Soon awarded UFV honorary degree for work in science education and geriatric systems.” URL: <https://www.abbynews.com/news/judith-soon-awarded-ufv-honorary-degree-for-work-in-science-education-and-geriatric-systems/>

Sandra Jarvis-Selinger was an expert panelist along with Taylor Raiche, University of Saskatchewan; Natalie Kennie-Kaulbach, Dalhousie University; Lalitha Raman-Wilms, University of Manitoba on the “I’m Pharmacy Podcast” discussion on the future of pharmacy education at the 2023 Canadian Pharmacy Education and Research Conference. URL: <https://ow.ly/q2mM50P8HBk>

Tiana Tilli, clinical pharmacist at the Pharmacists Clinic, along with **Timothy Lim** (clinical pharmacist at the Pharmacists Clinic), Kseniya Chernushkin (Royal Columbian Hospital), Arielle Beauchesne (St. Paul's Hospital), Karen Ng (Surrey Memorial Hospital) and Barbara Gobis (pharmacist and director of the Pharmacists Clinic) wrote an article for The Georgia Straight (4 July 2023) titled "How pharmacists are collaborating to manage pain after hospital." URL: <https://www.straight.com/news/commentary-how-pharmacists-are-collaborating-to-manage-pain-after-hospital>

Alex Tang wrote an article featured in the BC Hepatitis Network (2 August 2023) titled "Building a Brighter Future: Community Engaged Learning for UBC Pharmacy Students." URL: <https://bchep.org/ubcpharmcel/>

Tristan Lai and **Alex Tang** were featured in an article published (9 August 2023) in The Tablet, a quarterly magazine for BCPhA members, titled "PRIDE-RX: Advancing Gender And Sexual Health Equity Through Pharmacy Education." URL: <https://www.bcpharmacy.ca/tablet/summer-23/pride-rx-advancing-gender-and-sexual-health-equity-through-pharmacy-education>

Directed Studies Projects

Projects: 33 (PHRM 304, PHRM 306)

Faculty and Staff Supervisors: 28

Students: 47

Project Titles:

- Dermatology Module Curriculum Development
- Development of a Rural Pharmacy Practice Elective Course
- Effective studying and learning in the Pharm D program
- Pharmacy Experiential Practicums: Evidence of Learning
- Integration Activities (IA) Development, PY3 Cases re SOAP notes
- Monitoring Plans in Pharmacy Cases
- Pharmacy Students As Educators (PHASE) - longitudinal student perspective
- Building Resources and Assessments in Neurology (BRAIN) Project
- Frailty-Specific Guidance Provided in Clinical Practice Guidelines
- Translation of Clinical Guidelines for Antihyperglycemics into Practice
- Perceptions of Documentation of Therapeutic Reasoning and Trust in Pharmacist Recommendations in Primary Care
- Deaf, Hard of Hearing, and Deaf-blind Community Needs and Perceptions of Pharmacy Services
- Co-development of an Elective Course Curriculum
- (PHRM 473) Practicum - Literature Review and Evaluation
- Enhancing Student Motivation for Practicum Learning
- IA Development
- IA Development, PY3 Cases
- Injection Training Materials
- Pharmacy Students As Educators (PHASE) - longitudinal student perspective
- PY1 IA Activities
- PY2 IA Activities
- PY3 IA Activities
- Rapid Resources
- Re-Imagining Practicum Orientation Sessions
- UBC Academic Teaching Practicum (Hospital Residency) - Literature Review and Evaluation
- Updating PHRM 351 Practice Management Course
- Wellbeing in the Curriculum
- Mental Health and Patient Stories
- NHPs & Nutrition used for various conditions
- Skin of Colour in Dermatology Evaluation and Resource Creation
- Investigating Discrepancies between Professor's Perspectives and Student's Learning Outcomes
- Readiness of 4th year Doctor of Pharmacy students to engage in prescribing authority
- Perceptions on the Impact of Prescribing Responsibilities in Community Pharmacy

Educational Leadership Appointments

Dr. Peter Loewen served as a doctoral examination chair for the Faculty of Graduate and Postdoctoral Studies between January and December 2022.

Mr. Tristan Lai accepted the position of Lecturer and Coordinator in the Office of Experiential Education as of 5 June, 2023. Tristan will continue to serve as the Course Coordinator for PHRM 270, PHAR 485, and PHAR 495, and as the Lead for Service Learning and Community Engagement (Non-Pharmacy), Tristan is responsible for building and sustaining capacity for community-engaged learning by cultivating relationships with community partners.

Dr. Theresa (Teri) Charrois has joined the Faculty as a Professor of Teaching, valued PERL member, and Associate Dean, Practice Innovation as of July 2023.

Dr. Jane Xia has accepted the position of Assistant Professor of Teaching (tenure-track), focusing primarily on the Entry-to-Practice PharmD program, effective 1 August 2023.

Mr. Ali Reza Ladak has accepted the role of Assistant Professor of Teaching (tenure-track), focusing primarily on the Entry-to-Practice PharmD program, effective 1 August 2023.

Mr. Jonathan Grosshuesch accepted the role of Assistant Professor of Teaching (tenure-track), focusing primarily on the Entry-to-Practice PharmD program, effective 1 August 2023.

Dr. Neelam Dhaliwal has accepted the position of Assistant Professor of Teaching (tenure-track), focusing primarily on the Entry-to-Practice PharmD program, effective 1 August 2023.

Dr. Alexander Smith was appointed to the position Assistant Professor of Teaching (tenure-track), focusing primarily on the Bachelor of Pharmaceutical Sciences program, effective 1 August 2023.

Dr. Janice Yeung was recently reappointed as the AFPC representative to the Canadian Pharmacy Residency Board for a second term (2023-2026). As the AFPC representative, she continues to serve as an accreditation surveyor for multiple pharmacy practice residency programs and acted as the lead surveyor for the William Osler Health System, Hamilton Health Sciences, and Saskatchewan Health Authority surveys.

Ms. Gabriella Wong was re-appointed for a second term (2023-2024) to the Board of Directors, re-appointed as Chair of the By-Laws Committee, and re-elected to the Executive Committee, of the Pharmacy Examining Board of Canada (PEBC).

Dr. Jamie Yuen was appointed membership on the Editorial Advisory Board for the *Journal of the American Pharmacists Association*.

Awards

Janice Yeung received the 2023 Association of Faculties of Pharmacy of Canada (AFPC) / Pharmacy Examining Board of Canada Award for Excellence in Research or Innovation in Assessment of Competence Award for Excellence in Research or Innovation in Assessment of Competence. Presented at AFPC Canadian Pharmacy Education and Research Conference (CPERC) in Winnipeg, Manitoba (2023).

Janice Yeung was awarded the Canadian Foundation for Pharmacy Wellspring Leadership Award (2022) in recognition of her contributions to the pharmacy profession and leadership potential through the initiative for the development of a regional practicum model in the UBC Entry-to-Practice PharmD Program.

Jessica Lee (Supervisors: Dr. Fong Chan, Dr. Karen Dahri, Dr. Casara Hong) received 2nd Place at the 2023 Multidisciplinary Undergraduate Research Conference (MURC; 18 March, 2023) for her virtual presentation "Implementation of the TLC-Act Drug Interaction Tool into Pharmacy Student Education as Part of Integration Activity Cases".

Kerry Wilbur received the 2023 Association of Faculties of Pharmacy of Canada (AFPC) Educational Scholarship Poster Award. Presented at AFPC Canadian Pharmacy Education and Research Conference (CPERC) in Winnipeg, Manitoba (2023).

Capacity-Building Efforts within PERL

The following PERL members have undertaken various programs for professional development purposes and/or to improve basic credentials with the aim of building knowledge and research capacity within the theme:

PERL Member: Dr. Jane Xia

Institution: UBC Centre for Health Education Scholarship

Program: Mini-Sabbatical program

Topic: Exploring patient journey in educational research

Date: Feb 20-24, 2023

PERL Member: Dr. Fong Chan

Institution: UBC Centre for Health Education Scholarship

Program: Mini-Sabbatical program

Topic: Virtual Patient Simulation Programs used for Physical Assessment Teaching

Date: September 8, 27-28 & October 19

PERL Member: Mr. Alex Tang

Institution: University of Ottawa

Program: Master of Education

Topic: Health Professions Education

Start Date: January 2021

Anticipated End Date: December 2023

PERL Member: Mr. Ali Reza Ladak

Institution: Memorial University of Newfoundland

Program: Masters of Education

Topic Specialty: Post-Secondary Education

Start Date: Jan 2022

Anticipated End Date: Dec 2024

PERL Member: Ms. Gabriella Wong

Institution: University of British Columbia

Program: Master of Health Administration

Topic: Health systems, health care quality, health economics, leadership

Start Date: September 2020

End Date: November 2022

PERL Member: Ms. Gabriella Wong

Institution: University of British Columbia

Program: International Program for the Scholarship of Educational Leadership (SoEL): UBC Certificate on Curriculum and Pedagogy in Higher Education

Topic: Curriculum leadership, pedagogical leadership, SoEL inquiry and research design

Start Date: May 2023

End Date: September 2023

PERL Member: Mr. Gilly Lau

Institution: The University of British Columbia

Program: Flexible Doctor of Pharmacy Program

Topic: Pharmacy

Start Date: September 2018

Anticipated End Date: November 2023

PERL Member: Dr. Karen Dahri

Institution: University of British Columbia

Program: International Program for the Scholarship of Educational Leadership (SoEL): UBC Certificate on Curriculum and Pedagogy in Higher Education

Topic: Curriculum leadership, pedagogical leadership, SoEL inquiry and research design

Start Date: May 2022

End Date: September 2022

UBC Pharmacy Education Research and Leadership

**Faculty of Pharmaceutical Sciences
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pharmsci.ubc.ca

pharmsci.ubc.ca/research/research-themes/pharmacy-education-research-and-leadership