



THE UNIVERSITY OF BRITISH COLUMBIA

Pharmacy Education Research and Leadership
Faculty of Pharmaceutical Sciences



Annual Report 2021-2022

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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



Scholarly Publications and Reports

19



Presentations

60



Grants

27 Total funding: \$821,185 with approximately half from external sources



Awards

6



Media

1



Educational Leadership Appointments

5



Directed Studies Projects

19

PERL Impact Statements

Some ways PERL members are making a difference:

Development of a screening tool that guides decisions about the need for formal ethics review for SoTL and QA/QI research practices at UBC, a novel development for the education scholar's community.

Continued, longitudinal, and sustained progress in the growth of decolonizing and Indigenizing of the PharmD curriculum that is leading pharmacy education in Canada.

Leading the ongoing development of a national academic electronic health record (aEHR) teaching tool that simulates real-world practice and is used across pharmacy, medicine, nursing, and other health education programs.

Creating the Faculty's first SOGIE-inclusive (sexual orientation, gender identity and expression) pharmacy curriculum that is informed by the expressed needs of 2SLGBTQIA+ communities and external stakeholders, and leads curriculum-diversification efforts in Canada.

Advancing the visibility and value of scholarly teaching and educational scholarship in academic pharmacy in both Canada and the US through the development of a novel theoretical framework for establishing impact of educational contributions.

Optimizing students' clinical reasoning skills and performance during experiential rotations through the use of innovative, virtual patient-simulated learning activities aimed at building students' self-regulated learning skills; amongst the very first published work in this area in academic pharmacy in Canada.

Expanding the accessibility and reach of practice educator training to more than 765 practice educators across BC, in particular reaching pharmacists in 15 communities outside the Lower Mainland, through accredited webinar-based live training, a new modality for pharmacy practice educator training in Canada.

Scholarly Publications and Reports

Albon SP, Hu F. Guiding Ethics Review in Pharmacy Education Research and Scholarship at UBC: Clarifying the Unclear. *Innovations in Pharmacy*. 2021;12(3): Article 24. doi: <https://doi.org/10.24926/iip.v12i3.3919>

Tang A, Jiang J. PHRM 473 Interprofessional Collaboration: Year 4 Report. *UBC Open Collections*. 2021. doi: <https://dx.doi.org/10.14288/1.0398520>

Rusticus S, Albon SP. The Health Education Learning Environment Survey: Factor Structure Analysis with Pharmacy Students. *Am. J. Pharm Educ*. 2022;86(6): Article 8710. doi: <https://doi.org/10.5688/ajpe8710>

Leung L, Min J, Medgyesi N, Soon J. An Indigenous health elective – Perspectives of pharmacy undergraduate students and alumni. *Currents in Pharmacy Teaching and Learning*. 2022;14(5):647-654. <https://doi.org/10.1016/j.cptl.2022.04.007>

Dahri K, Seto K, Chan F, Garvin M, Semene P, Yeung J, MacNeil K. Pharmacy Students' Experiences of Self-regulated Learning through Simulated Virtual Patients. *Innovations in Pharmacy*. 2022;13(2): Article 22. doi: <https://doi.org/10.24926/iip.v13i2.4431>

Wood V, Eccott L, Crowell P. iEthics: An Interprofessional Ethics Curriculum. *Pharmacy*. 2022;10(1):12. <https://doi.org/10.3390/pharmacy10010012>

Taheri A, Chan S, Mira A, Yeung J. Characterizing the role and associated stakeholder perceptions of a novel pharmacy experiential education facilitator role within the inpatient practice setting. *Currents in Pharmacy Teaching and Learning*. 2022;14(2):1154-1159. <https://doi.org/10.1016/j.cptl.2022.07.033>

University of British Columbia. Office of Experiential Education. Entry-to-Practice PharmD Program: practicum policies, procedures & guidelines, May 2022. *UBC Open Collections*. doi: <https://open.library.ubc.ca/cIRcle/collections/facultyresearchandpublications/52383/items/1.0413604>

Lau G, Tang A, Dhaliwal N, Tchen P. Entry-to-Practice PharmD Program: Outpatient practicums handbook for students and practice educators: Introductory and Advanced Pharmacy Practice Experiences (IPPE, APPE) - Outpatient, May 2022. *UBC Open Collections*. doi: <https://open.library.ubc.ca/cIRcle/collections/facultyresearchandpublications/52383/items/1.0413593>

Taheri A, Fang K. Entry-to-Practice PharmD Program: Inpatient practicums handbook for students and practice educators: Introductory and Advanced Pharmacy Practice Experiences (IPPE, APPE) - Inpatient, May 2022. *UBC Open Collections*. doi: <https://open.library.ubc.ca/cIRcle/collections/facultyresearchandpublications/52383/items/1.0413590>

Fang K, Lau G, Tang A. Entry-to-Practice PharmD Program: PHRM 473 practicum handbook for students and practice educators, May 2022. *UBC Open Collections*. doi: <https://open.library.ubc.ca/cIRcle/collections/facultyresearchandpublications/52383/items/1.0413589>

University of British Columbia. Office of Experiential Education. Flex PharmD Program: Practicum policies, procedures & guidelines, May 2022. *UBC Open Collections*. doi:

<https://open.library.ubc.ca/cIRcle/collections/facultyresearchandpublications/52383/items/1.0413603>

University of British Columbia. Office of Experiential Education. Flex PharmD Program: Direct and Non-direct Patient Care Practicums Handbook for Students and Practice Educators: PHRM 491-496, May 2022. *UBC Open Collections*. doi:

<https://open.library.ubc.ca/cIRcle/collections/facultyresearchandpublications/52383/items/1.0413602>

Lau G. Canadian Pharmacy Practice Program: Structured practical training practicum handbook for students and practice educators, May 2022. *UBC Open Collections*. doi:

<https://open.library.ubc.ca/cIRcle/collections/facultyresearchandpublications/52383/items/1.0413601>

University of British Columbia. Office of Experiential Education. Canadian Pharmacy Practice Program: Structured practical training practicum policies, procedures & guidelines, May 2022. *UBC Open Collections*. doi:

<https://open.library.ubc.ca/cIRcle/collections/facultyresearchandpublications/52383/items/1.0413600>

University of British Columbia. Office of Experiential Education. Entry-to-Practice PharmD Program: PHRM 270 Community Service Learning Handbook for Students, September 2022. *UBC Open Collections*. doi:

<https://open.library.ubc.ca/cIRcle/collections/facultyresearchandpublications/52383/items/1.0416611>

University of British Columbia. Office of Experiential Education. Entry-to-Practice PharmD Program: PHRM 270 Community Service Learning Handbook for Community Partners, September 2022. *UBC Open Collections*. doi:

<https://open.library.ubc.ca/cIRcle/collections/facultyresearchandpublications/52383/items/1.0416610>

Leung L, Min J, Medgyesi N, Soon J. An Indigenous health elective – Perspectives of pharmacy undergraduate students and alumni. *Currents in Pharmacy Teaching and Learning*. 2022;14(5):647-654.

<https://doi.org/10.1016/j.cptl.2022.04.007>

Price I, Regehr G. Barriers or costs? Understanding faculty resistance to curricular change. *Canadian Medical Education Journal*. 2022;13(3):113-115. doi: <https://doi.org/10.36834/cmej.74041>

Presentations

Kim R, Gerber P. (2021, October 6). Coaching as a Catalyst for Student Leadership Development. Podium presentation at the UBC Centre for Health Education Scholarship (CHES) Virtual 11th Annual Celebration of Scholarship, Vancouver, BC.

Leung L, Min J, King B. (2021, October 6). Indigenous Advisory Committee Members Perspectives: Principles for Success. Podium presentation at the UBC Centre for Health Education Scholarship (CHES) Virtual 11th Annual Celebration of Scholarship, Vancouver, BC.

Leung L, Swanson I, Min J. (2021, October 6). Building Community-Based Medication Practices for a Self-Governing Remote Indigenous Community. Podium presentation at the UBC Centre for Health Education Scholarship (CHES) Virtual 11th Annual Celebration of Scholarship, Vancouver, BC.

Li J, Min J, Leung L. (2021, October 6). A Better Practices Framework for Building Indigenous Health Courses. Podium presentation at the UBC Centre for Health Education Scholarship (CHES) Virtual 11th Annual Celebration of Scholarship, Vancouver, BC.

Nemir A, Wilbur K, Reardon J. (2021, October 6). Let the Patient Teach: Patient's Voice in Workplace-Based Assessment of Pharmacy Learners. Podium presentation at the UBC Centre for Health Education Scholarship (CHES) Virtual 11th Annual Celebration of Scholarship, Vancouver, BC.

Shunmugam M, Williams-Yuen J, Jarvis-Selinger S, Hubinette M. (2021, October 6). Covid as a Catalyst: Medical Student perspectives of Professional Identity formation. Podium presentation at the UBC Centre for Health Education Scholarship (CHES) Virtual 11th Annual Celebration of Scholarship, Vancouver, BC.

Price I, Nicholl T. (2021, October 6). Benefits of a Group Faculty-Student Mentoring Program in the Entry-to-Practice Doctor of Pharmacy Program to Support Student Wellness and Success. Podium presentation at the UBC Centre for Health Education Scholarship (CHES) Virtual 11th Annual Celebration of Scholarship, Vancouver, BC.

Tang A, Jiang J. (2021, October 6). A Novel Interprofessional Collaboration Practicum. Poster presentation at the UBC Centre for Health Education Scholarship (CHES) Virtual 11th Annual Celebration of Scholarship, Vancouver, BC.

Lee J, Tang G, Tatla H, Benbow T, Dhaliwal, N, Lau G, Pachev G. (2021, October 6). Using Animated Videos to Inspire Learning during Practicum. Poster presentation at the UBC Centre for Health Education Scholarship (CHES) Virtual 11th Annual Celebration of Scholarship, Vancouver, BC.

Brodoway H, Pearson M. (2021, October 14). Student and Faculty Perceptions of Student Workload in the E2P PharmD Program. Poster presentation at the Faculty of Pharmaceutical Sciences 2021 Summer Student Research Program (SSRP) Poster Competition, Vancouver, BC.

Dhatt A, Fazelipour M, Sun T, Newir A, Wilbur K. (2021, October 14). The Novel UBC Health Advocacy Framework in Pharmacy Student Practice. Poster presentation at the Faculty of Pharmaceutical Sciences 2021 Summer Student Research Program (SSRP) Poster Competition, Vancouver, BC.

King B, Leung L, Min J. (2021, October 14). Indigenous Advisory Committee Member Perspectives: Principles for Success. Poster presentation at the Faculty of Pharmaceutical Sciences 2021 Summer Student Research Program (SSRP) Poster Competition, Vancouver, BC.

Li J, Min J, Leung L. (2021, October 14). A Better Practice Framework for Building Indigenous Health Courses in Pharmacy. Poster presentation at the Faculty of Pharmaceutical Sciences 2021 Summer Student Research Program (SSRP) Poster Competition, Vancouver, BC.

Swanson I, Leung L, Min J. (2021, October 14). Building Community-based Medication Practices for a Self-Governing Remote Indigenous Community. Poster presentation at the Faculty of Pharmaceutical Sciences 2021 Summer Student Research Program (SSRP) Poster Competition, Vancouver, BC.

Young E, Leung L, Min J. (2021, October 14). Perceptions of Online Community-based Student Projects: Building Sustainability and Reciprocity with Indigenous Partners. Poster presentation at the Faculty of Pharmaceutical Sciences 2021 Summer Student Research Program (SSRP) Poster Competition, Vancouver, BC.

Lai T, Lim T, Tang A. (2021, October 28-29). Promoting 2SLGBTQQIA+ Inclusion, Diversity, and Equity in Pharmacy Education (PRIDE-RX). Poster presentation at Summit 2021, Community-Based Research Centre, Vancouver, BC.

Albon SP. (2021, December 2). Developing guidance for ethically-sound QA/QI and SoTL at UBC. Virtual presentation and discussion at the UBC ISoTL Advisory Committee meeting, Vancouver, BC.

Levine M, Pearson MP, Price I, Albon SP. (2022, February 4). Guidance on Career Development for Early Career Educational Leadership Faculty. Presentation in the Faculty of Pharmaceutical Sciences' Mentoring Program, Vancouver, BC.

Carvalho V, Dahri K, Can F, Hong C. (2022, March 19). Creation of Educational Material and Implementation of the TLC-Act Drug Interactions Management Tool in Pharmacy Education. Presentation at the UBC Multidisciplinary Undergraduate Research Conference 2022, Vancouver, BC.

Wong E, Sardari R, Albon SP. (2022, March 21). Developing guidance for ethically-sound Scholarship of Teaching and Learning (SoTL) research at UBC. Poster presentation at the UBC Multidisciplinary Undergraduate Research Conference 2022, Vancouver, BC.

Albon SP, Harper L, Maharaj A, Ragsdale P, Zihlmann O. (2022, April 29). Mobilizing Action Towards Indigenizing and Decolonizing our Programs and Practices: Sharing Updates and Seeking Input on Fundraising and Recruitment Efforts for Indigenous Students. Virtual presentation by the Pharmaceutical Sciences Sharing Circle team for the UBC Indigenizing and Decolonizing Health Professions Education Community of Practice Group, Vancouver, BC.

Yeung J. (2022, April 30). Strategies on How to Be a Great, not just Average Preceptor. Invited presentation at the 2022 Virtual Pharmacy Association of Saskatchewan's PharmaTalk: PAS Conference, Regina, SK.

Guo L, Leung L, Min J, Murphy P, Pau C, Pollock C. (2022, June 14-17). Optimizing Online Interprofessional Case-based Learning for all Health Disciplines Involved. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Fang K, Taheri A. (2022, June 14-17). Transitioning Students from Class to Practice - A Review of Institutional Practice Skills Course in Entry- to-Practice PharmD Program. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Fang K, Taheri A. (2022, June 14-17). Transitioning Students from Class to Practice - A Review of Institutional Practice Skills Course in Entry- to-Practice PharmD Program. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Yeung J, Bruchet N, Ladak A. (2022, June 14-17). Assessing Pharmacy Student Performance on Practicum Using a Novel Rubric Based on the Dreyfus Model of Skill Acquisition. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Bring B, Naylor J, Yeung J. (2022, June 14-17). Impact of the COVID-19 Pandemic on Canadian Pharmacy Student Experiential Education. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Dhaliwal N, Wong G, Jradi A, Yeung J. (2022, June 14-17). Webinar-Based Training for Pharmacy Practice Educators. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Lai T. (2022, June 14-17). Utilizing Near-Peer Teaching in a Pharmacy Community Service Learning Course. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Lai T, Tang A. (2022, June 14-17). Promoting 2SLGBTQQIA+ Inclusion, Diversity, and Equity in Pharmacy Education (PRIDE-RX). Oral Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Gerber P, Bishop L, Crown N, Dobson R, Framp H, Letarte N, Makhinova T, Méthot J, Vercaigne L, Waite N. (2022, June 14-17). Faculty Updates on Student Leadership Development. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Lui M, Al-Nuaimi A, Ragsdale P, Wright L, Kim R, Gerber P. (2022, June 14-17). Supporting Connection and Leadership Development in Alumni of a Leadership Course. Poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Fang K, Tchen P, Lau G, Yu CQ. (2022, June 14-17). Development of a Community-Engaged Learning Pharmacy Elective Focused on Population and Public Health Concepts. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Ragsdale P, Plowright A, Coughtrie M. (2022, June 14-17). A novel online mapping resource for the recruitment of rural, remote, and Indigenous students to the UBC Faculty of Pharmaceutical Sciences. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Pearson M, Harper L, Gill J, Wilbur K. (2022, June 14-17). UBC Update: Evaluation of curriculum and assessment delivery approach in the entry-to-practice PharmD Program following experiences during COVID. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Pearson M, Brodoway H. (2022, June 14-17). "I'm overwhelmed": Perceptions of student workload. Oral and poster presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Price I, Eccott L. (2022, June 14-17). An approach to promote student well-being in the Faculty of Pharmaceutical Sciences at UBC. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Leung L, Min J. (2022, June 14-17). UPROOT: The building and delivery of mandatory Indigenous health and cultural safety course in pharmacy. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Lim T. (2022, June 14-17). Racism is deadlier than you think: An anti-racist approach to health education, care and systems. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Cooper J, Min J, Chong M, Lee A. (2022, June 14-17). AFPC academic electronic health record. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Jarvis-Selinger S, Charrois T, Hall J, Kellar J, Kennie-Kaulbach N, Wilbur K. (2022, June 14-17). Professional identity formation in pharmacy: Why should we care and what can we do? Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Taheri A, Fang K. (2022, June 14-17). Preparing Students for Inpatient Practicum Experiences: A Virtual Workshop. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Ladak AR, Pachev G, Bruchet N, Yeung J. (2022, June 14-17). Assessing Pharmacy Student Performance on Practicum Using a Novel Rubric Based on the Dreyfus Model of Skill Acquisition. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Min J, Swanson I, Leung L. (2022, June 14-17). Supporting Self-governance of Medication Practices in a Remote Indigenous Community. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Yuen J, Lim T, Leung R, Hefford H, Chew C. (2022, June 14-17). Pharmacy Student and Practice Educator Considerations on Developing a Virtually Delivered Direct Patient Care Practicum at a University Clinic. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Dhaliwal N, Rishi S, Yeung J. (2022, June 14-17). Regional Practicum Model for Pharmacy Experiential Education. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Tang A, Jiang J. (2022, June 14-17). A Novel Interprofessional Collaboration Practicum. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Seet T, Ladak AR, Barbour G, Siy A. (2022, June 14-17). Development, Implementation, and Evaluation of a Remote Medication Adherence Simulation Activity within Program Year 1 of an Entry-to-Practice PharmD Program. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Taheri A, Fang K. (2022, June 14-17). Transitioning Students from Class to Practice - A Review of Institutional Practice Skills Course in Entry- to-Practice PharmD Program. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Reardon J, Phan V, Yuen J, Lim T. (2022, June 14-17). Primary care content in undergraduate pharmacy curricula - a systematic review. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Kanji T, Zou B, Burton O, Stacy E, Oleman G. (2022, June 14-17). Decolonization and Indigenization of UBC's Faculty of Pharmaceutical Sciences: Literature Review and Environmental Scan. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Min J, Li J, Leung L. (2022, June 14-17). A Two-Eyed Seeing Framework for Building Indigenous Health Courses in Pharmacy. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Chao PH, Min J. (2022, June 14-17). A cautionary tale of digital badges. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Guo L, Leung L. (2022, June 14-17). Optimizing Online Interprofessional Case-based Learning for all Health Disciplines Involved. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Dhaliwal N, Wong G, Jradi A, Yeung J. (2022, June 14-17). Webinar-Based Training for Pharmacy Practice Educators. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Zhou L, Tang A. (2022, June 14-17). A Novel Instructional Media for Accessible Teaching and Education (ANIMATE). Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Bihelek N, Leung L. (2022, June 14-17). Impact of Online Seminar Course on Pharmacy Student Career Decisions and Understanding of the Pharmacist Role. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Leung L, Young E, Min J. (2022, June 14-17). Perceptions of Online Community-based Student Projects: Building Sustainability and Reciprocity with Indigenous Partners. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Pachev G, Busse A, Attanayake V, Zhai D. (2022, June 14-17). Two-stage examinations: An approach to determining the ratio of individual and group results in the composite score. Presentation at the Association of Faculties of Pharmacy of Canada (AFPC) Canadian Pharmacy Education Research Conference (CPERC), St. Johns, NL.

Albon SP. (2022, August 24). Educational leadership at UBC: contributions and impact. Presented at the UBC Scholarship of Educational Leadership program, Vancouver, BC.

Grants

Jason Min and Janet Cooper (co-PIs) received a \$71,172 grant from Canada Health Infoway (October 2022-March 2024) to continue the ongoing development of their "Academic Electronic Health Record (aEHR) Project."

Alex Tang (PI) received \$1,000 from the UBC Scholarship of Teaching and Learning Dissemination Fund (2022 cycle) for the project "A Novel Instructional Media for Accessible Teaching and Education (ANIMATE)."

Jason Min, Jessie Li, and Larry Leung received \$3,500 from the Centre of Community Engaged Learning Advancing Community Engaged Learning Fund 2021 for the project "Matchmaker: Developing a Pairing System for Students Participating in Community-Based Projects."

Jason Min and Pamela Jules received \$25,000 from the UBC Community-University Engagement Support Fund 2022 for the project "Improving Medication Access with the Southern Stl'atl'mix Health Society."

Tristan Lai and Alex Tang (co-PIs) received \$104,880 from the UBC Teaching and Learning Enhancement Fund (April 2022 to March 2023) for the project "Promoting 2SLGBTQQIA+ Inclusion, Diversity, and Equity in Pharmacy Education (PRIDE-RX)."

Larry Leung and Jason Min (co-PIs) received \$22,620 (project year 3; April 2022 - March 2023) from the UBC Teaching and Learning Enhancement Fund for the project "UPROOT: A Community-Based Approach to Decolonizing and Indigenizing the Pharmacy Curriculum."

Elizabeth Stacy, Gerry Oleman, Sandra Jarvis-Selinger, Jennifer Chatterton, Patricia Gerber, Tamiz Kanji, Kerry Wilbur, Janice Yeung, Larry Leung, Jason Min, Leonie Harper, Stella Fang, Charissa Tonnesen, and Brenda Zou received \$50,000 from the UBC Teaching and Learning Enhancement Fund, 2022/2023 for the project "Building Foundations for Success in Decolonization and Indigenization within Pharmacy-focused Academic Programs in the Faculty of Pharmaceutical Sciences."

Georgina Barbour, Ali Reza Ladak, Tamiz J. Kanji, Jocelyn Micallef, Kathy Seto, Colleen Brady, Tony Seet, Jon Grosshuesch, Adam Bleik and Hanna Dawood received \$49,601 from the UBC Teaching and Learning Enhancement Fund, 2022/2023 for the project "The Next STEP-PF: A Standardized Teaching Education Program for Pharmacist Facilitators."

Asal Taheri (co-PI), Kayla Fang (co-PI), Janice Yeung, Fong Chan, Jason Min, Kathy Seto, Colleen Brady, Aileen Mira, Tila Pelletier, Stephanie Staysko, and Maria Ahmed received \$49,574 from the UBC Teaching and Learning Enhancement Fund, 2022/2023 for the project "Building Blocks of Inpatient Pharmacy Practice Experience in the Entry-to-Practice PharmD Curriculum."

Tessa Nicholl and Colleen Inglis received \$31,530 from the UBC Teaching and Learning Enhancement Fund, 2022/2023 for the project "Development, Implementation and Evaluation of Suicide Prevention Training in Year 3 Entry to Practice PharmD Students."

Larry Leung and Jason Min received \$300,000 from the Vancouver Foundation Participatory Action Research Investigate Grant program for the project "Uprooting Pharmacy: a Two-Eyed Seeing Path for Change."

Lindsay Ellefson, Lindsay Swanson, Larry Leung, and Jason Min received \$43,350 from the UBC Indigenous Strategic Initiatives Fund Stream 3: Student-Led Projects for the project "Indigenous Student Collegium for the Entry-to-Practice PharmD Program."

Jason Min, Leslie Guo, Irene Luong, and Alyssa Azote received \$7,090 from the UBC Students as Partners in Course Design program for the project "Reinventing the approach to mental health therapeutics in the Entry-to-Practice PharmD Program."

Larry Leung, Nicoline Bihelek, and Andrea Busse received \$7,100 from the UBC Students as Partners in Course Design program for the project "The BRAIN Project: Student-based Resources and Assessments in Neurology."

Dalton Lam, Chris Koster and Kerry Wilbur received \$7,100 from the UBC Students as Partners in Course Design program for the project "Redesign with Knowledge Users in Mind: The Healthcare Quality Improvement Course in Pharmaceutical Sciences."

T. Jarus, L.A.D. Hershler, L.Y. Bulk, C. Cook, Y. Mayer (PIs) with co-PIs G. Belliveau, S. Murphy, M. Pearson, C. Krekoski, E. Roberts, A. Michalovich, and H. Graf received \$5,500 from the UBC Equity Enhancement Fund, 2022-2023 for the project "Promoting Justice, Equity, Diversity and Inclusion in Health and Human Service Professions Education: Developing a Theatre-based Interactive Educational Program."

Tristan Lai received \$1,000 from the UBC Scholarship of Teaching and Learning Dissemination Fund (2022 cycle) for the project "Utilizing Near-Peer Teaching in a Pharmacy Community Service Learning Course."

Neelam Dhaliwal and George Pachev (co-PIs) received \$2,873 from the Faculty of Pharmaceutical Sciences Internal Seed Grant Program for Educational Leadership for the project "Ready or Not: Aligning Assessments and Program Goals Regarding Practice Readiness in the UBC Entry-to-Practice PharmD Program."

Janice Yeung and Neelam Dhaliwal (co-PIs) received \$4,000 from the Faculty of Pharmaceutical Sciences Internal Seed Grant Program for Educational Leadership for the project "Development of a Regional Practicum Model in the Entry-to-Practice PharmD Program."

Simon Albon and Romina Sardari received \$4095 from the Faculty of Pharmaceutical Sciences Internal Seed Grant Program for Educational Leadership for the project "Creating a working prototype of an ethics screening tool for SoTL work at UBC and QA/QI for broader use."

Simon Albon and Jean Ruiz received \$2,500 from the UBC Office of Research Ethics for the project "Creating a working prototype of an ethics screening tool for SoTL work at UBC and QA/QI for broader use."

Simon Albon and Terri Fleming received \$5,000 from Michael Smith Health Research BC (Research Ethics BC) for the project "Creating a working prototype of an ethics screening tool for SoTL work at UBC and QA/QI for broader use."

Simon Albon received \$2,700 from the UBC Student Affairs Careers Work Learn Program for the project "Creating a working prototype of an ethics screening tool for SoTL work at UBC and QA/QI for broader use."

Neelam Dhaliwal and George Pachev (co-PIs) received \$5,000 (estimated) from the UBC SoTL Seed program for the project "Ready or Not: Aligning Assessments and Program Goals Regarding Practice Readiness in the UBC Entry-to-Practice PharmD Program."

Arun Verma (PI), George Pachev and Serena Zhang (co-investigators) received \$5,000 (estimated) from the UBC SoTL Seed program for the project "Impact of small group formation on student learning and experiences in an Entry-to-Practice PharmD program."

Ingrid Price (PI) received \$5,000 (estimated) from the UBC SoTL Seed program for the project "Development, Implementation and Evaluation of Suicide Prevention Training in Year 3 Entry to Practice PharmD Students."

Neelam Dhaliwal, Janice Yeung, and Charissa Tonnesen received \$5,000 from the Rural Health Services Research Network of BC Symposia Grant program for the project "Regional Practicum Model Symposium."

Awards

Idaylia Swanson (supervisors: Larry Leung and Jason Min, Assistant Professors of Teaching) received 2nd Place in the 2021 Faculty of Pharmaceutical Sciences Summer Student Research program (SSRP) poster competition (October 14, 2021, Vancouver BC) for the project "Building Community-based Medication Practices for a Self-Governing Remote Indigenous Community."

Marion Pearson (Professor of Teaching) won the inaugural Educational Scholarship Poster Award at the 2022 Association of Faculties of Pharmacy of Canada, Canadian Pharmacy Education and Research Conference in St. Johns, NL for the project "I'm overwhelmed": Perceptions of student workload." This new award recognizes the best innovative and effective educational scholarship poster presented by a faculty member. Marion's poster was selected from the Top 5 of 46 original submissions. **Special note:** three of the Top 5 finalists in this competition were PERL members.

Arwa Nemir (supervisor: Kerry Wilbur, Associate Professor and Executive Director, Entry-to-Practice Education) received a 2021/2022 Killam Graduate Teaching Assistant Award for her teaching service in the UBC Faculty of Pharmaceutical Sciences.

Larry Leung (Assistant Professor of Teaching) was the recipient of the 2022 West Coast Teaching Excellence Award. Through this award, the British Columbia Teaching and Learning Council honours excellence in teaching in publicly funded colleges, institutes and universities in British Columbia and the Yukon.

Jason Min (Assistant Professor of Teaching) received the 2022 Association of Faculties of Pharmacy (AFPC) Award for Innovation in Education recognizing the development of a significant innovation in teaching, learning and/or assessment that has been implemented and evaluated by faculty members. Jason earned this award for his work on the academic electronic health record (aEHR) project, a pan-Canadian initiative to bring case-based learning into simulated digital charts.

Kerry Wilbur (Associate Professor and Executive Director, Entry-to-Practice Education) received the UBC Health Award for Excellence in Interprofessional Teaching and Learning. The award recognizes outstanding educators who demonstrate excellence in facilitating interprofessional groups of learners at UBC Vancouver or UBC Okanagan.

Media



Jason Min and Larry Leung (Assistant Professors of Teaching) were featured in a UBC Library article (published October 6, 2021) titled "Xwi7xwa Library brings an integrative approach and Indigenous knowledge systems to pharmacy education." URL: <https://about.library.ubc.ca/2021/10/06/xwi7xwa-library-brings-an-integrative-approach-and-indigenous-knowledge-systems-to-pharmacy-education>.

Educational Leadership Appointments

Dr. Patricia Gerber was appointed to the Health Foundation Board of Pacific Blue Cross for a second year ending September 2023.

Dr. Patricia Gerber was re-appointed as Vice-Chair of the BC College of Pharmacists Ethics Advisory Committee for a 1 year term, ending on April 30, 2023.

Dr. Jessica Kalra joined the membership of the UBC Institute for the Scholarship of Teaching and Learning (ISoTL) as an ISoTL Scholar. Members work to strengthen the UBC community of SoTL practitioners, engage in independent and collaborative SoTL within and beyond the classroom, and support scholarly dissemination.

Dr. Arun Verma joined the membership of the UBC Institute for the Scholarship of Teaching and Learning (ISoTL) as an ISoTL Scholar. Members work to strengthen the UBC community of SoTL practitioners, engage in independent and collaborative SoTL within and beyond the classroom, and support scholarly dissemination.

Dr. Marion Pearson completed her two-year term as Chair of UBC's Senior Appointments Committee in July 2022.

Directed Studies Projects

Projects: 19 (PHRM 304B)

Faculty and Staff Supervisors: 27

Students: 37

Project Titles:

- The PERL theme: Creating a working prototype of an ethics screening tool for SoTL work at UBC and QA/QI for broader use
- Integration activity development and research (PY 1-3)
- PHASE educational research and integration activity development
- The patient voice in pharmacy curricula
- Decolonization and Indigenization strategic planning in the Academic portfolio
- Effective studying and learning
- Modernization of E2P PharmD admission prerequisites
- Curriculum and assessment delivery approaches in the Entry-to-Practice PharmD program
- Implementation and evaluation of a clinical teaching tool for drug interaction evaluation
- Supporting connection and leadership development in students and alumni of LEAP via LinkedIn
- Revision of cough and cold curriculum
- Development and evaluation of an anti-racism workshop for faculty and staff
- PHRM 361 (Administration of Injections) development
- Mock OSCE - Remote administration and design
- Development and evaluation of a standardized teaching education program for pharmacist facilitators
- Course syllabus development for a patient journey pharmacy elective
- POCT (Point of Care Testing) skills in the integration activity curriculum
- Prevention and remediation strategies to support students in difficulty on practicum
- The Case Peer Teaching Project