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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 Strategic Plan, Catalyst for Change: 2017-2022, 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 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 is key 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 educational research in the following areas:

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

Scholarly Publications and Reports

![Book Icon]  
24

Presentations

![People Icon]  
44

Grants

![Brain Icon]  
11
Total $283,785

Media

![Monitor Icon]  
4

Directed Studies Projects

![Lightbulb Icon]  
17

Educational Leadership Appointments

![Hand and Earth Icon]  
8
Scholarly Publications and Reports


Wong, G, Yeung, J, Gillingham, E. Effective Precepting: A guide to getting started as a pharmacy practice educator. *UBC Open Collections*. 2021. doi:[http://dx.doi.org/10.14288/1.0396732](http://dx.doi.org/10.14288/1.0396732)

University of British Columbia. Office of Experiential Education. Canadian Pharmacy Practice Program: structured practical training practicum policies, procedures & guidelines. *UBC Open Collections*. 2021. doi: dx.doi.org/10.14288/1.0396726


Taheri, A, Fang, K. Entry-to-Practice PharmD Program: Inpatient practicums handbook for students and practice educators. *UBC Open Collections*. 2021. doi: dx.doi.org/10.14288/1.0396876
Scholarly Publications and Reports - continued

University of British Columbia. Office of Experiential Education. Entry-to-Practice PharmD Program: Outpatient practicums handbook for students and practice educators. *UBC Open Collections*. 2021. doi: dx.doi.org/10.14288/1.0396761


Wong, G. Entry-to-Practice PharmD Program: Community service learning handbook for community partners. *UBC Open Collections*. 2021. doi: dx.doi.org/10.14288/1.0396727

Wong, G. Entry-to-Practice PharmD Program: Community service learning handbook for students. *UBC Open Collections*. 2021. doi: dx.doi.org/10.14288/1.0396771

University of British Columbia. Office of Experiential Education. Flex PharmD Program: Practicum policies, procedures & guidelines, *UBC Open Collections*. 2021. doi: dx.doi.org/10.14288/1.0396731


Presentations


Fang KM, Lau GC, Park JY, Tchen P. (2020, October 7). Exploring Factors that Influence Student Engagement in Community-Engaged Learning Activities within a Pharmacy Context (UBC ExCEL-Rx). Poster presentation at the Centre for Health Education Scholarship (CHES) Virtual 10th Annual Celebration of Scholarship, Vancouver, BC.


Min J, Dong A. Implementing an Academic Electronic Health Record in a Large Class Setting. Poster presentation at: 2020 CHES Celebration of Scholarship; 2020 Oct 7; Vancouver BC.

King B, Leung L, Min J. Entry-to-Practice PharmD Interprofessional Education Program Evaluation. Poster presentation at: 2020 CHES Celebration of Scholarship; 2020 Oct 7; Vancouver BC.

Yang S, Min J. Measuring Student Impact of Using the Final Exam as a Pre-course Assessment. Poster presentation at: 2020 CHES Celebration of Scholarship; 2020 Oct 7; Vancouver BC.

Hu F, Albon SP. (2020, October 22). Creating a Research Ethics Vetting Guide for Pedagogical Research in Pharmacy Education. ePoster presentation at the Virtual UBC Celebrate Scholarship of Teaching and Learning (SoTL) event, Vancouver, BC.

Jradi A, Wong G, Dhaliwal N. (2020, October 22). Webinar-Based Development Opportunities for Pharmacy Practice Educators. ePoster presentation at the Virtual UBC Celebrate Scholarship of Teaching and Learning (SoTL) event, Vancouver, BC.

Mira A, Seet T, Xia J, Quan S. An evaluation of physical assessment teaching in entry-to-practice PharmD programs in faculties of pharmacy across Canada (PE01). Poster accepted at AFPC’s cancelled 2020 Canadian Pharmacy Education and Research Conference. Abstract published in the Canadian Pharmacists Journal November/December 2020. Available at: https:/ /journals.sagepub.com/doi/10.1177/1715163520973469

Ladak AR, Mira A, Seet T, Xia, J. Implementing an education focused lunch and learn with students on academic teaching rotations and faculty within an E2P Doctor of Pharmacy program (PE04). Poster accepted at AFPC’s cancelled 2020 Canadian Pharmacy Education and Research Conference. Abstract published in the Canadian Pharmacists Journal November/December 2020. Available at: https://journals.sagepub.com/doi/10.1177/1715163520973469
Presentations - continued


Xia MJ. Patient journey pedagogy: Developing pharmacy students’ empathy and communication skills through interviewing patients and other health care providers (PE18). Poster accepted at AFPC’s cancelled 2020 Canadian Pharmacy Education and Research Conference. Abstract published in the Canadian Pharmacists Journal November/December 2020. Available at: https://journals.sagepub.com/doi/10.1177/1715163520973469


Reardon J. Perceptions of pharmacy students involved in preventative health and wellness events at the University of British Columbia (PE23). Poster accepted at AFPC’s cancelled 2020 Canadian Pharmacy Education and Research Conference. Abstract published in the Canadian Pharmacists Journal November/December 2020. Available at: https://journals.sagepub.com/doi/10.1177/1715163520973469


Presentations - continued


Presentations - continued


Gerber P. (2021, May 17). Evolution in Reflective Learning: From about 'Experiences & Events' to about 'Identity Formation' at the Annual Marketplace: Love it or Lose it, Ideas to Keep in Your Teaching Practice and Ones to Let Go. Presentation at the UBC CTLT Conference.
Presentations - continued


Grants

Recognizing the responsibility of understanding what we mean by “Decolonizing health professional education”: A UBC learner and faculty project in response to the Truth and Reconciliation Calls to Action (PIs: Tal Jarus, Courtney Smith) (CoPIs: Cheryl Holmes, Nadine Caron, Leah Walker, James Andrew, Allison Campbell, Simon Albon, Helen Brown, Leeann Donnelly, Ashley Quinn, Donna Kurtz, Yael Mayer, Kristen Joy, Ashley Lessard, Emilie Nevil). Faculty of Medicine Strategic Innovations Fund, $94,735, September 2020-August 2021.


Xia, J., Seet, T., Mira, A. and Tchen, P. Patient Journey to Cultivate Empathy Project. Faculty of Pharmaceutical Sciences. SoTL Seed Program: Year awarded 2020; Grant estimate: $5,000.

Grosshuesch, J., He, J., & Lee, J. Student perception of competence following an authentic assessment delivered remotely in an E2P PharmD skills lab. Faculty of Pharmaceutical Sciences. SoTL Seed Program: Year awarded 2020; Grant estimate: $1,400.

Larry Leung (Co-PI) and Jason Min’s (Co-PI) project, “UPROOT: A Community-Based Approach to Decolonizing and Indigenizing the Pharmacy Curriculum,” will be funded by the UBC Teaching and Learning Enhancement Fund (TLEF) in the amount of $100,000 for year 2, starting April 2020. The project team consists of a diverse group of co-applicants including Indigenous partners, pharmacy students, faculty members, and UBC supporting units.

Kirsten Milton and Larry Leung (Co-PIs) and Iris Siwallace and Jason Min (Co-Is) were awarded $15,000, starting May 1, 2021, from UBC Community Engagement for their project, "We are each other’s medicine: Preserving and Revitalizing Traditional Nuxalk Medicines Knowledge"

Thanh Lam (Mount Pleasant Neighbourhood House) and Tristan Lai (Faculty of Pharmaceutical Sciences) were awarded $1500 starting July 21, 2021 from the UBC Partnership Recognition Fund for their project, “Into the World Again - A Community Art Exhibit.”


Tim Lim, Leonie Harper, Dr Sandra Jarvis-Selinger and Dr Donna Drynan, were awarded $8,000 from the UBC Anti-Racism Initiatives Fund for their project "Public Health Symposium and Workshop on Racism in the Healthcare System."

Elizabeth Stacy and Patricia Gerber were awarded $4000 over a 12 months term from the Internal Seed Grant Program for Educational Leadership, Faculty of Pharmaceutical Sciences, for their project, "Elder Engagement to Guide Decolonization and Indigenization within the Academic Portfolio."

Tristan Lai, Timothy Lim, and Alex Tang were awarded $4000 over a 12 months term from the Internal Seed Grant Program for Educational Leadership, Faculty of Pharmaceutical Sciences for their project, "Promoting 2SLGBTQQIA+ Inclusion Diversity and Equity in Pharmacy Education (PRIDE-RX)."
Media

Dr. Karen Dahri’s research in pharmacist understanding and assessment of health literacy was featured in the Vancouver Coastal Health Research Institute Research Insider newsletter. The article is titled “Health Literacy in the Pharmacy Could Curb Trips to Emergency.”

Marion Pearson and Jim Orr were mentioned (with photo) in the 2020 Changing Face of Pharmacy, the journal of the Canadian Foundation for Pharmacy (https://cfpnet.ca/bank/document_en/189-2020-changing-face-of-pharmacy.pdf, see p. 25)

B.C. pharmacists get access to province-wide electronic health record CanadianHealthCareNetwork.ca. Feb/21. Featured Faculty Members: Barbara Gobis, Jillian Reardon. Subscription required. Login at https://www.canadianhealthcarenetwork.ca/.

Dr. Sandra Jarvis-Selinger was recently interviewed for a special 20-year anniversary retrospective of the Michael Smith Foundation for Health Research. To read the story visit http://msfhr20.org and scroll to the bottom, then click on 2008.
Directed Studies Projects

Projects: 17 (PHRM 304)

Faculty Supervisors: 20

Students: 34

Project Titles:

- The PERL stream: Developing critical infrastructure
- Physical assessment simulation programs being used in pharmacy education
- Implementation and evaluation of a clinical teaching tool for drug interaction evaluation
- Rural and remote regional practicum models
- Effective online studying and learning
- The flipped exam: a tool kit and systematic review of its implementation and effectiveness in university science classrooms
- Current trends in professional communications for pharmacy
- Online provision of Continuing Pharmacy Professional Development
- Online study skills multimedia presentation
- Global challenges for pharmacy students in the pandemic
- Health advocacy in pharmacy student practice
- Clinical teaching tool for drug interaction evaluation
- Integration Activity (IA) development (PY 1-3)
- Primary care content in pharmacy curricula
- LEAP evaluation
Educational Leadership Appointments

Dr. Patricia Gerber has been appointed Vice-Chair of the Ethics Advisory Committee of the College of Pharmacists of BC, effective April 30, 2021.

Mr. Ali Reza Ladak has been appointed Vice-Chair of the Jurisprudence Examination Committee of the College of Pharmacists of BC, effective April 30, 2021.

Dr. Patricia Gerber was re-appointed for a second term to the Board of Directors of Pacific Blue Cross until July 2024.

Dr. Alexander Smith was appointed Lecturer and Lab Instructor January 2021.

Mr. Jason Min was appointed Assistant Professor of Teaching July 1, 2021.

Mr. Larry Leung was appointed Assistant Professor of Teaching July 1, 2021.

Dr. Fong Chan was appointed Assistant Professor of Teaching July 1, 2021.

Dr. Jessica Kalra was appointed Assistant Professor of Teaching July 1, 2021.