



THE UNIVERSITY OF BRITISH COLUMBIA

Faculty of Pharmaceutical Sciences

2021 YEAR IN REVIEW 2022



DEAN'S MESSAGE



Michael Coughtrie BSc(Hons) PhD FCAHS
Professor and Dean

Our annual Year in Review publication is an important communication that our Faculty produces to not only summarize our achievements but to also acknowledge and thank our community of faculty, staff, students, alumni, supporters and partners without whom we would not be able to succeed. And from July 1, 2021 to June 30, 2022, our successes were many. A few key highlights include:

Catalyst for Change: 2017-2022

This year marks the end of the timeframe of our strategic plan, Catalyst for Change: 2017-2022. Overall, the Faculty saw much success in meeting many of the goals established therein but factors beyond our control, the global pandemic being the most significant, did inhibit our ability to fully complete all of them. That being said, the Faculty is well on its way to creating its next strategic plan. This new plan will build on Catalyst for Change and launch later this year. The new plan will chart the direction for the Faculty from this year to 2025 and more details will be communicated at a later date.

Equity, Diversity, Inclusion and Indigeneity

While equity, diversity, inclusion and Indigeneity (EDI+) has always been a priority for the Faculty, this past year we made major strides forward in developing and implementing a number of foundational initiatives to help us operationalize key actions required for the Faculty to make a real impact. Some of these initiatives include the establishment of the Equity, Diversity and Inclusion Advisory Committee; the hosting of virtual and in person anti-racism in health care seminars; the launch of a compulsory course on Indigenous Health and Cultural Safety in our PharmD program, and work towards implementation of the UBC Indigenous Strategic Plan. These initiatives and others represent our commitment to seeing that this important and ongoing work progresses.

Pharmacists in Primary Care Networks Program

The Pharmacists in PCN Program celebrated its first year this past October with a number of major accomplishments including the hiring of 23 Primary Care Clinical Pharmacists (PCCPs), supporting the pharmacists in building their patient care practices, launching a training program on shared patient care for all pharmacists called Pharmacists Aligned in Shared Care Teams (PACT), and engaging with 273 community pharmacies located within the Primary Care Networks (PCNs). The Program is well into its second year and will be reporting out on accomplishments for this timeframe in the months to come.

75th Anniversary Commemorative Initiatives

In December 2021, we concluded celebrating the 75th anniversary of the Faculty. During the year we developed and implemented a series of commemorative initiatives including a special 75th brand (which appeared on all of our communications and marketing content); a series of four feature stories that highlighted key moments and accomplishments over the past 75 years in our four strategic areas of focus: Education, Research, Practice and People and Place; an alumni-focused video; and dynamic website content that showcased where our alumni are now (since graduating from the Faculty) and an interactive timeline spotlighting key milestones throughout our history.

In these and all of our other endeavors the ongoing COVID-19 pandemic had a major impact. However I am honoured to say that the Faculty was able to move forward. The state of affairs regarding the global pandemic remains unpredictable but we remain - together with our community - pledged to our purpose.

AT A GLANCE

2022 QS WORLD UNIVERSITY RANKINGS: PHARMACY & PHARMACOLOGY

#32
WORLDWIDE

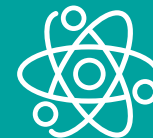
#2
IN CANADA



240
PUBLICATIONS



21
MEDIA HITS



131
GRANTS



33
AWARDS

EDUCATION

1,020
STUDENTS

comprised of 879 Entry-toPractice PharmD, 26 Flexible PharmD, 102 BPhSc, 20 MSc & 42 PhD

1,756
REGISTRANTS

in 37 Continuing Pharmacy Professional Development Programs and 86 Canadian Pharmacy Practice Program students

The Faculty's first award to support Black students in second, third and fourth-year Entry-to-Practice PharmD was established, the Shoppers Drug Mart Award in Pharmaceutical Sciences for Black Students.

765
PRACTICE EDUCATORS

for Experiential Education in 424 practice sites in BC



RESEARCH

\$10.6M
RESEARCH INCOME

7
MICHAEL SMITH
FOUNDATION FOR
HEALTH SCHOLARS

The Michael Smith Foundation for Health Research announced new Scholar Program and Research Trainee Program funding in support of early-career health sciences researchers. Drs. Annalijn Conklin and Jacquelyn Cragg were among the 18 recipients at UBC. [Click here >](#)



PRACTICE

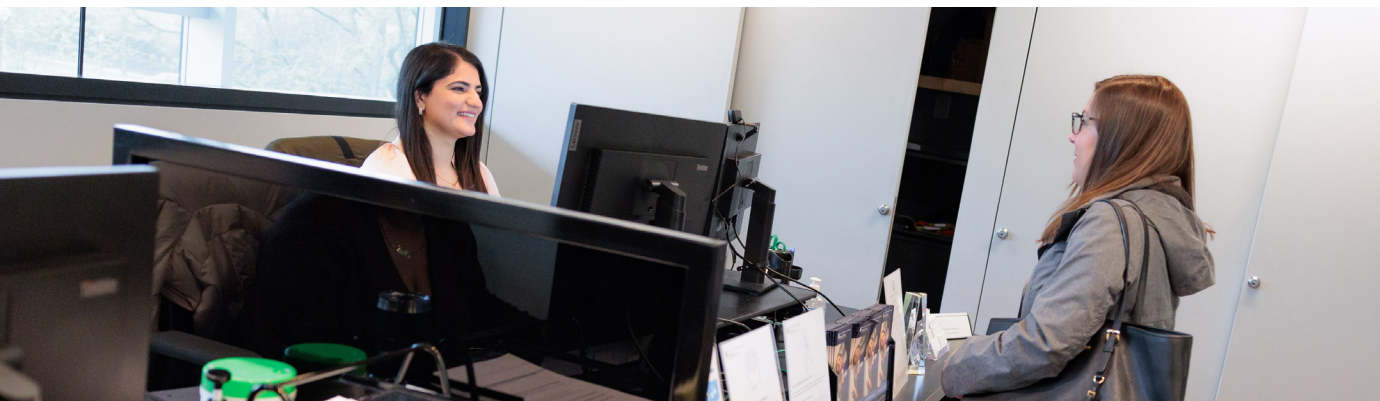
2,255
PATIENTS ENCOUNTERS

at the Pharmacists Clinic from July 2021-June 2022

Over half-way through implementation, the **Pharmacists in Primary Care Network (PCN)** Program team is fully engaged in health care system change and, as of June 30, 2022, there are now **35 Primary Care Clinical Pharmacists** practicing in PCNs across the province to care for medically complex patients.

From February to June, 2022, the Clinic and Program teams established and operated the **COVID-19 Antiviral Support Line** for Clinicians to help pharmacists, physicians and nurse practitioners safely and optimally use Paxlovid for eligible patients. During this time, the Support Line responded to over 500 calls.

The Practice Innovation portfolio is developing pharmacy-specific resources to make sure pharmacy services provided for First Nations people and communities are culturally appropriate, safe, and shared with humility. This initiative is a **partnership between the UBC Pharmacists Clinic, First Nations Health Authority and First Nations advisors.**



Our vision is to be a **catalyst** for change in **pharmacy practice** and the **pharmaceutical sciences.**

PEOPLE AND PLACE

82
TOTAL FACULTY
with 658 Clinical and
41 Honorary

111
TOTAL STAFF
with 20 Postdoctoral Research
Fellow, 5 Research Associates
& 119 Student Workers

7,278
TOTAL ALUMNI

6,836
LIVING

242
NEW

Received **UBC ISP Funding** for student-led project "Indigenous Student Collegium for the Entry-to-Practice PharmD Program."

Established Faculty's ISP Working Group and **completion of Faculty's ISP Self Assessment toolkit**, performance measurement framework and the development of draft short-term and long-term actions goals for the advancement of ISP in the Faculty.

On International Women's Day, we celebrated the achievements, contributions, and tremendous impact of women globally and reflect on how we can advocate for gender equality (#BreakTheBias). In recognition of this special day, members of our UBC Pharm Sci community shared their reflections and advice. [Click here >](#)



Equity, Diversity, Inclusion and Indigeneity (EDI+I)

Formal establishment of PharmSci Equity, Diversity and Inclusion Advisory Committee (EDIAC) in the Faculty directly reporting to and advising the Dean and SMT in EDI initiatives and priorities.

EDIAC work is underway for completing UBC's Inclusive Action Plan (IAP) Self Assessment + identification of IAP related priorities for the Faculty.

Through UBC Anti-Racism Fund, Faculty support/hosted Anti-Racism Symposium & Workshop:

1. "Racism is Deadlier than You Think: An Anti-racist Approach to Health Education and Care" (Virtual Symposium), February 2022

2. "Racism is Deadlier than You Think: Listening, Unlearning, and Relearning to Promote Anti-Racism in Healthcare Education" (In-Person Workshop), June 2022

MORE NEWS AND STORY HIGHLIGHTS

JULY 2021

The first part of the Pharmacists Aligned in Shared Care Teams (PACT) launched

Developed jointly by the Pharmacists in PCN Program team and the UBC Continuing Pharmacy Professional Development, PACT is for anyone working in or interested in shared care between pharmacists across the care continuum.

AUGUST 2021

UBC Pharm Sci faculty members supported by new research funding announced this week

Substantial investments into research at UBC and beyond were announced this week, with recipients including Dr. Jacquelyn Cragg (\$125,000 from the BC Knowledge Development Fund (BCKDF) to establish the laboratory at UBC and help to support the discovery of personalized approaches to the prevention and management of neurological diseases), Dr. Sarah Hedtrich (\$101,408 from BCKDF to support the development of advanced models of human tissues and advance the study of human diseases and facilitate the development of safe and effective new drugs), and Dr. Brent Page (\$125,000 from Canada Foundation for Innovation's John R. Evans Leaders Fund in support of his research project titled "Targeted Inhibition of Oncogenic STAT3 Signaling using Cutting edge Chemical Biology Techniques"). [Click here >](#)

SEPTEMBER 2021

Large CIHR grant supports chronic obstructive pulmonary disease research at UBC

The Canadian Institutes of Health Research (CIHR) have committed \$1,986,406 in funding across four years to support a large-scale UBC research project titled "Implementing Predictive Analytics towards efficient COPD Treatments" (IMPACT). UBC Pharm Sci faculty members involved include Drs. Mohsen Sadatsafavi (co-PI), Larry Lynd, Mary De Vera, and Annalijn Conklin. [Click here >](#)

OCTOBER 2021

Helping patients manage their health at home: UBC Pharmacists Clinic tops 20,000 patient care visits

As of September 2021, the Pharmacists Clinic at the University of British Columbia (UBC) Faculty of Pharmaceutical Sciences has exceeded 20,000 patient care visits. This milestone demonstrates the dedication of expert pharmacists and administrative professionals at the Clinic who care for British Columbians with complex health and drug therapy needs. This milestone is even more significant given that all patient care at the clinic has been provided virtually since March 2020. [Click here >](#)

Commitment and collaboration: Recognizing the Faculty's practice educators and community partners at annual event

UBC Pharm Sci community members gathered virtually on October 13, 2021 to recognize and celebrate the many contributions of our practice educators and community partners. Practice educators and community partners are practicing pharmacists who volunteer their time and expertise to support Entry-to-Practice Doctor of Pharmacy (PharmD) students on their practicums. [Click here >](#)

Undergraduate students showcase summer research project findings

Earlier this month, the Faculty of Pharmaceutical Sciences at UBC hosted the 2021 Summer Student Research Program (SSRP) poster competition, showcasing participating students' research findings. The SSRP is an annual program that allows UBC undergraduate students to spend their summer working on a real-life research project under the guidance of expert faculty researchers. The program culminates in a poster presentation competition whereby students create and display a poster highlighting their research method and results. [Click here >](#)

NOVEMBER 2021

New epidemiology and health outcomes graduate training initiative takes flight

On November 4, 2021 the Faculty of Pharmaceutical Sciences at the University of British Columbia (UBC) launched a new graduate training initiative—the Future Leaders In Epidemiology and Health Outcomes, or FLIGHT, program. The program is unique as the first of its kind among health sciences programs at UBC and is generously supported by Pfizer Canada and Merck Canada. [Click here >](#)

75th Anniversary Story - People and Place: The beating heart of UBC Pharmaceutical Sciences

Measuring 246,000 square feet and towering over the corner of Wesbrook Mall and Agronomy Road, the Pharmaceutical Sciences building is an eye-catching hub for pharmacy and pharmaceutical sciences learning and research at UBC. The Faculty's home for the majority of its 75-years however, was the Cunningham building, a smaller premises located across from what is now the UBC Bookstore. The Cunningham building opened in 1961 and was named after George T. Cunningham in recognition of his extensive service to UBC. [Click here >](#)

75th Anniversary Story - Practice: Creating a space of best-practice patient care

Established in 2013, the UBC Pharmacists Clinic comprises a core function of the Faculty's Practice Innovation portfolio. At the Clinic, expert pharmacists provide patients with the highest possible standard of health consultation services. Although licensed as a community pharmacy, the Clinic operates like a specialty clinic, serving patients who need more time than available under a traditional service model. [Click here >](#)

75th Anniversary Story - Education: A legacy of leadership in teaching and learning

Each year the Faculty of Pharmaceutical Sciences at the University of British Columbia educates almost 900 undergraduate students across three programs, and trains more than 50 graduate students. With over 6,000 alumni, the Faculty's legacy as a leader in pharmacy and pharmaceutical sciences education in British Columbia is unparalleled. [Click here >](#)

75th Anniversary Story - Research: Taking on tough problems in areas of need

Innovative. Impactful. Collaborative. Health sciences research is an important strategic priority at UBC Pharm Sci and one that seeks to address the problems of today, so as to make a difference in patients' lives tomorrow. [Click here >](#)

MARCH 2022

Tackling technical problems, managing risk, and making a difference: A Q&A with Entrepreneur in Residence, Dr. Linh Le

Dr. Linh Le recently joined UBC Pharmaceutical Sciences as an Entrepreneur in Residence (EiR) in partnership with entrepreneurship@ubc. Dr. Le has a BSc in chemistry from Vietnam National University, an MSc from Columbia University, and a PhD in chemical engineering from Stevens Institute of Technology. [Click here >](#)

Celebrating the contributions of our 2022 Alumni Agent of Change recipients

Earlier this month, UBC Pharm Sci community members gathered virtually to celebrate the achievements of the 2022 Faculty of Pharmaceutical Sciences Alumni Agent of Change Sam Louie, BSc(Pharm)'73 and Future Alumni Agent of Change Annick Sevigny, PharmD'19. The event was hosted by Dean Michael Coughtrie and included the unveiling of a special 75th Anniversary alumni video, as well as presentations by the 2022 Award recipients. [Click here >](#)

MAY 2022

From UBC Graduate Student to Published Book Co-Editor: A Conversation with Ariana Saatchi

As a PhD candidate at UBC Pharm Sci, Ariana Saatchi was in a unique position at the outset of the COVID-19 pandemic. With her background and experience in infectious diseases and epidemiology, Saatchi describes feeling "on the cusp of capable but unable to tangibly contribute" to the COVID-19 frontline efforts. That all changed when she was approached to co-edit a new book together with Dr. David Patrick, professor, UBC School of Population and Public Health (SPPH). The book, titled Public Health Intervention for the COVID-19 Pandemic: From Virus to Vaccine, was published by World Scientific in April 2022. [Click here >](#)