



Association of Faculties
of Pharmacy of Canada

Association des facultés
de pharmacie du Canada

CPERC 2018

9th Annual Canadian Pharmacy Education and Research Conference

75th
Annual Meeting
of AFPC

Delta Ottawa City
Centre, Ottawa

June 12-15, 2018



Co-hosted by:



UNIVERSITY OF TORONTO
LESLIE DAN FACULTY OF PHARMACY



UNIVERSITY OF
WATERLOO

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CPERC 2018 Resources on AFPC Website

www.afpc.info/content/conference-program

1. [CPERC 2018 Sessions Information](#): document includes details on the following sessions:
 - a. Faculty Updates on Innovation in Education
 - b. Abstracts for Mini-Sessions
 - c. Session overviews and abstracts for SIG Education Sessions
 - d. Overviews and discussion questions for Roundtable Sessions
2. [CPERC 2018 Poster Abstracts](#): 53 abstracts of posters presented by pharmacy faculty members and students, under the categories of pharmacy education (PE), pharmacy practice (PP) and pharmaceutical science (PS).
3. [AFPC 2018 Award Winners](#)

Welcome

On behalf of the Leslie Dan Faculty of Pharmacy, University of Toronto, and the University of Waterloo School of Pharmacy, we are very pleased to welcome you to Ottawa for the 9th Annual CPERC conference and 75th Annual General Meeting for AFPC. For the first time, the conference is being co-hosted by two universities, demonstrating AFPC's strong commitment to creating partnerships among our Faculties.

The conference will open with a presentation on Advancing Curricula through Inquiry delivered by Dr. Kristin Janke, one of North America's leading experts in Educational Scholarship in pharmacy education. This session will provide the framework for the post-CPERC Educational Scholarship Symposium. On Thursday, keynote speaker Dr. Allan Peterkin will instruct delegates on the importance of the Humanities and how to teach skills such as critical reflection in pharmacy education. Additional plenary sessions will include a description of a patient care assessment tool developed as a collaborative project between programs in Ontario, and a Pharmacy Deans Leadership Session in which deans will share their thoughts and reflections on academic leadership. New this year will be a session devoted to "Faculty Updates", with each school giving a brief presentation on innovative approaches to pharmacy education. Additional sessions will include roundtable sessions, mini-sessions, SIG education sessions and an AFPC Townhall session. We look forward to celebrating with the AFPC award winners at the Awards Banquet.

This year's conference was planned by the 2018 CPERC Working Group (University of Toronto: Natalie Crown & Jamie Kellar; University of Waterloo: Rosemary Killeen, Kenneth Manson, Colleen Maxwell, Tom McFarlane, Nardine Nakhla & Cynthia Richard; I fan Kuo, University of Manitoba; Gilles Leclerc, Université de Montréal), with guidance from the AFPC Education Committee. In addition, we would like to express our sincere gratitude to Janet Cooper, Executive Director for AFPC, and Doreen Sproule, AFPC Administrative Assistant for their substantial work in organizing the conference.

We trust that you will enjoy the conference, and have a great time exploring our nation's capital!

Sincerely,



Heather Boon, BScPhm, PhD
Professor and Dean
Leslie Dan Faculty of Pharmacy
University of Toronto
Chair, AFPC Council of Deans



Jamie Kellar RPh, BSc HK, BScPhm, PharmD
Acting Director, Doctor of Pharmacy Program
Assistant Professor – Teaching Stream
Leslie Dan Faculty of Pharmacy, University of Toronto
Chair, AFPC Education Committee



David Edwards, BScPhm, PharmD, MPH
Hallman Director and Professor
School of Pharmacy, University of Waterloo
President, AFPC Board of Directors



Cynthia Richard, BScPh, PhD
Clinical Lecturer
School of Pharmacy, University of Waterloo
Chair, CPERC 2018 Working Group

AFPC Board, Committees and Working Groups

2017-2018 AFPC BOARD OF DIRECTORS

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University of Waterloo
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Lalitha Raman-Wilms

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College of Pharmacy and Nutrition
University of Saskatchewan
Saskatoon, SK

Tannis Jurgens

College of Pharmacy
Dalhousie University
Halifax, NS

2017-2018 AFPC COUNCIL OF DEANS

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University of Toronto

Xiaochen Gu

(Ending July 31, 2017)
College of Pharmacy
University of Manitoba

Lisa Bishop (Ending

March 31, 2018)
School of Pharmacy
Memorial University

Susan Mansour, Vice Chair

College of Pharmacy
Dalhousie University

Lalitha Raman-Wilms

(Effective August 1, 2017)
College of Pharmacy
University of Manitoba

Shawn Bugden

(Effective April 1, 2018)
School of Pharmacy
Memorial University

Michael Coughtrie

Faculty of Pharmaceutical Sciences
University of British Columbia

David Edwards

School of Pharmacy
University of Waterloo

Neal Davies

Faculty of Pharmacy &
Pharmaceutical Sciences
University of Alberta

Lyne Lalonde

Faculté de pharmacie
Université de Montréal

Kishor Wasan

College of Pharmacy and Nutrition
University of Saskatchewan

Jean Lefebvre

Faculté de pharmacie
Université Laval

2017-2018 AFPC COUNCIL OF FACULTIES

Gilles Leclerc, Chair

Faculté de pharmacie
Université de Montréal

Cynthia Richard, Vice Chair

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University of Waterloo

Patricia Gerber

Faculty of Pharmaceutical Sciences
University of British Columbia

Ann Thompson

Faculty of Pharmacy &
Pharmaceutical Sciences
University of Alberta

Ed Krol

College of Pharmacy and Nutrition
University of Saskatchewan

I fan Kuo

College of Pharmacy
University of Manitoba

Jamie Kellar

Leslie Dan Faculty of Pharmacy
University of Toronto

Julie Méthot

Faculté de pharmacie
Université Laval

Tannis Jurgens

College of Pharmacy
Dalhousie University

Beverly FitzPatrick

School of Pharmacy
Memorial University

CPERC 2018 WORKING GROUP MEMBERS

Janet Cooper, Executive Director

Association of Faculties of Pharmacy
of Canada

Cynthia Richard, Chair

School of Pharmacy
University of Waterloo

Jamie Kellar

Leslie Dan Faculty of Pharmacy
University of Toronto

Colleen Maxwell

School of Pharmacy
University of Waterloo

Heather Boon

Leslie Dan Faculty of Pharmacy
University of Toronto

Kenneth Manson

School of Pharmacy
University of Waterloo

Gilles Leclerc

Faculté de pharmacie
Université de Montréal

I fan Kuo

College of Pharmacy
University of Manitoba

Rosemary Killeen

School of Pharmacy
University of Waterloo

Nardine Nakhla

School of Pharmacy
University of Waterloo

Natalie Crown

Leslie Dan Faculty of
Pharmacy
University of Toronto

Thomas McFarlane

School of Pharmacy
University of Waterloo

Program-at-a-Glance

TUESDAY, JUNE 12		
0830-1700 h	AFPC Council of Deans, Board of Directors, Annual General Meeting of Voting Members and SIG business meetings	
1800-2030 h <i>Panorama (Penthouse)</i>	Opening Reception	
WEDNESDAY, JUNE 13		
0700-0830 h <i>Foyer & Ballrooms B-C</i>	Buffet Breakfast	
0700-1800 h <i>Ballrooms B-C</i>	Poster Viewing	
0830-0845 h <i>Ballrooms B-C</i>	Opening Remarks	
0845-0945 h <i>Ballrooms B-C</i>	Keynote: Advancing Curricula through Inquiry: Bringing our Might to Bear on Educational Challenges <i>Dr. Kristin Janke, University of Minnesota</i>	
0945-1015 h <i>Ballrooms B-C</i>	Plenary: Ontario Pharmacy Patient Care Assessment Tool (OPPCAT) – A Collaborative Project Between Pharmacy Programs <i>Kenneth Manson, University of Waterloo & Annie Lee, University of Toronto</i>	
1015-1045 h <i>Foyer & Ballrooms B-C</i>	Morning Break & Poster Viewing	
1045-1215 h <i>Ballrooms B-C</i>	Faculty Updates on Innovation in Education	
1215-1330 h <i>Foyer & Ballrooms B-C</i>	Buffet Lunch & AFPC Annual Business Meeting & Townhall	
1330-1430 h	Mini-session #1 – Melding AFPC Outcomes with Teaching in the Classroom <i>Ballroom B</i>	Mini-session #2 – Teaching and Learning in Clinical and Online Environments <i>Ballroom C</i>
1430-1530 h	SIG Education Session: Truth and Reconciliation SIG <i>Ballroom B</i>	SIG Education Session: Medicinal Chemistry SIG <i>Ballroom C</i>
1530-1615 h <i>Foyer & Ballrooms B-C</i>	Afternoon Break & Poster Viewing/Judging	
1615-1715 h	SIG Education Session: PEP-C Experiential Education SIG <i>Ballroom B</i>	SIG Education Session: Skills Lab SIG <i>Ballroom C</i>
1830-2200 h <i>Panorama Room</i>	AFPC Awards Reception & Banquet	

THURSDAY, JUNE 14		
0700-0830 h <i>Foyer & Ballrooms B-C</i>	Buffet Breakfast	
0700-1330 h <i>Ballrooms B-C</i>	Poster viewing	
0830-0930 h <i>Ballrooms B-C</i>	Keynote: Fostering the New Revolution in Canadian Health Professions Education – a “Humanities Toolkit” <i>Dr. Allan Peterkin, University of Toronto</i>	
0930-1015 h <i>Ballrooms B-C</i>	Pharmacy Deans Leadership Session – Academic Leadership: Thoughts and Reflections Transformational leadership philosophy <i>Dr. Kishor Wasan, University of Saskatchewan</i> Recruitment and mentoring – keys to leadership success <i>Dr. Michael Coughtrie, University of British Columbia</i> 5 Tips for successful academic leadership <i>Dr. Heather Boon, University of Toronto</i>	
1015-1045 h <i>Foyer & Ballrooms B-C</i>	Morning Break & Poster Viewing	
1045-1230 h <i>Ballrooms B-C</i>	Roundtable Sessions: Current Topics in Pharmacy Education	
1230-1330 h <i>Foyer & Ballrooms B-C</i>	Buffet Lunch	
1330-1430 h	Mini-session #3 – Specific Skill Sets for Pharmacy Students <i>Ballroom B</i>	Mini-session #4 – Challenges for Educational Excellence <i>Ballroom C</i>
1430-1500 h <i>Foyer & Ballrooms B-C</i>	Afternoon break	
1500-1600 h	SIG Education Session: Assessment and Program Evaluation SIG <i>Ballroom B</i>	SIG Education Session: Informatics SIG <i>Ballroom C</i>
1600 h	Close of CPERC 2018	
1800-2100 h <i>Panorama (Penthouse)</i>	Post-CPERC Educational Scholarship Symposium – Advancing Quality in Pharmacy Education through Educational Scholarship: Session & Dinner <i>(additional registration fee)</i>	
FRIDAY, JUNE 15		
0800-1200 h <i>Panorama (Penthouse)</i>	Post-CPERC Educational Scholarship Symposium – Advancing Quality in Pharmacy Education through Educational Scholarship <i>(additional registration fee)</i>	
0800-1600 h <i>Pinnacle (Penthouse)</i>	Health Informatics Peer Leader Workshop <i>(by invitation only)</i>	

Conference Program

TUESDAY, JUNE 12, 2018

1800–2030 Opening Reception

Panorama Room (Penthouse)

WEDNESDAY, JUNE 13, 2018

0700–0830 **Buffet Breakfast and Poster Viewing**

Ballrooms B-C

Poster session overview: 52 posters from pharmacy faculty members and students will be displayed, under the categories of pharmacy education (PE), pharmacy practice (PP) and pharmaceutical science (PS). Poster presenters have been asked to be at their posters during breaks to facilitate discussion with their colleagues. All student posters will be judged for the AFPC-Whit Matthews poster awards, which will be announced at the awards banquet. See [CPERC 2018 Poster Abstracts](#) on AFPC website for further details.

0830–0845 **Opening Remarks from Host Universities**

Ballrooms B-C

University of Waterloo: David Edwards & Cynthia Richard

University of Toronto: Heather Boon & Jamie Kellar

0845–0945 **Keynote: Advancing Curricula through Inquiry – Bringing our Might to Bear on Educational Challenges**

Session overview: At the conclusion of this presentation, delegates will be able to describe the interface and interplay between educational scholarship and quality improvement in pharmacy education; describe the shift in health professions educational research questions; explain a model for change and the opportunities to use data to support change and identify opportunities to develop skills in educational scholarship.

Moderator: *Simon Albon, University of British Columbia*

Presenter: *Kristin Kari Janke, Ph.D.*

Director, Wulling Center for Innovation & Scholarship in Pharmacy Education

Professor, Pharmaceutical Care & Health Systems

University of Minnesota College of Pharmacy, Minneapolis, MN

0945–1015 **Plenary: Ontario Pharmacy Patient Care Assessment Tool (OPPCAT) – A Collaborative Project between Pharmacy Programs**

Session overview: The Ontario Pharmacy Patient Care Assessment Tool (OPPCAT) was a province-wide collaborative project between the University of Toronto, University of Waterloo, Ontario College of Pharmacists and Hospital Pharmacy Residency Forum of Ontario. OPPCAT was developed to assess learner/candidate competency across all practice-based patient care settings in Ontario. This session will present the development, implementation and evaluation of OPPCAT, as well as considerations for future steps.

Moderator: *Tom McFarlane, University of Waterloo*

Presenters: *Annie Lee, BScPhm, MSc(T), ACPR*

Associate Professor, Teaching Stream

Leslie Dan Faculty of Pharmacy, University of Toronto

Kenneth Manson, BSc(Hons), BSP

Experiential Coordinator, Patient Care Rotations

School of Pharmacy, University of Waterloo

1015–1045 Morning Break & Poster Viewing

1045–1215 Faculty Updates on Innovation in Education

Session overview: Each faculty of pharmacy across Canada will provide a brief update on an innovative initiative at the university. See the [CPERC 2018 Sessions Information](#) document posted on the AFPC website, which includes a description of each faculty presentation. This document also contains abstracts for mini-sessions, session overviews for SIG education sessions and details for the Roundtable session.

Moderators: Rosemary Killeen, *University of Waterloo*; Natalie Crown, *University of Toronto*

1. Using reflective thinking and visual representations to improve first year pharmacy students' ethical thinking
Beverly FitzPatrick, Memorial University
2. IPE at Dal: introduction to immersion
Kim Sponagle, Dalhousie University
3. Innovations in the PharmD program at Laval University: focus on exploration projects and tutors
Julie Methot, Université Laval
4. Community pharmacy practice site accreditation process
Nathalie Letarte, Université de Montréal
5. Team-based learning: a strategy for collaborative learning
Natalie Crown & Heather Kertland, University of Toronto
6. Has a regional approach to rotations delivered?
Nancy Waite, University of Waterloo
7. Expanding PharmD practice experiences in primary care, interprofessional education, and northern and rural communities
Lavern M. Vercaigne, University of Manitoba
8. Experiential immersions in year 1 of the PharmD program
Yvonne Shevchuk, University of Saskatchewan
9. Health Aisle Blog publication in the therapeutics module – dermatology, ears, eyes, nose and throat (Year 1)
Ravina Sanghera, University of Alberta
10. Seminar series in Entry-to-Practice PharmD program at the University of British Columbia
Larry Leung, University of British Columbia

1215–1330 Buffet Lunch & AFPC Annual Business Meeting & Townhall

Session overview: AFPC President, Dr. David Edwards, and Executive Director, Janet Cooper, will present highlights of AFPC's initiatives over the past year, followed by dialogue with members. Dr. Lucinda Maine, Executive Vice President & CEO of the American Association of Colleges of Pharmacy, will bring greetings on behalf of AACP.

1330–1430 AFPC Mini-Sessions

Mini-Session #1: Melding AFPC Outcomes with Teaching in the Classroom

Ballroom B

Moderator: Sandra Bjelajac-Mejia, *University of Toronto*

1. Beyond drug therapy experts: nurturing communicator and collaborator roles in a large classroom setting
Natalie A. Crown, University of Toronto

2. Teaching and assessing professionalism: a user guide to facilitate implementation of the professional role
Patricia Gerber, University of British Columbia
3. Eleven years of experience with the electives program at the College of Pharmacy, University of Manitoba
Silvia Alessi-Severini, University of Manitoba

Mini-Session #2: Teaching and Learning in Clinical and Online Environments *Ballroom C*

Moderator: *Nardine Nakhla, University of Waterloo*

1. The Pharmacists Clinic: integration into academics and research
Larry L. Leung & Jason Min, University of British Columbia
2. Inter-institutional collaboration addresses harassment in clinical practice settings for pharmacy and medical learners
Elaine Lillie, University of Waterloo
3. Utilizing best practices in online learning: focus on patient/medication safety for healthcare professionals
Sonya Dhanjal, University of Waterloo; Certina Ho, University of Toronto

1430–1530 AFPC Special Interest Groups Education Sessions

Truth & Reconciliation SIG

Ballroom B

Moderators: *Jaris P. Swidrovich, University of Saskatchewan & Elaine Lillie, University of Waterloo*

1. Indigenizing curriculum innovation in Canadian pharmacy education
Jaris P. Swidrovich, University of Saskatchewan
2. Incorporating the student voice when indigenizing curriculum
Elaine Lillie, University of Waterloo

Medicinal Chemistry SIG

Ballroom C

Moderator: *Carlos A. Velázquez-Martinez, University of Alberta*

1. Status of the special interest group in medicinal chemistry
Carlos A. Velázquez-Martinez, University of Alberta
2. Overview of medicinal chemistry instruction in Canadian pharmacy programs
Ed Krol, University of Saskatchewan
3. Synopsis of medicinal chemistry curriculum and pedagogical practices in Canadian schools of pharmacy
Simon Albon, University of British Columbia

1530–1615 Afternoon Break & Poster Viewing / Judging

1615–1715 AFPC Special Interest Groups Education Sessions PEP-C Experiential Education SIG

Ballroom B

Moderator: *Kenneth Manson, University of Waterloo*

1. Survey of Atlantic Canadian hospital pharmacists preceptors: results and linkages to the Dalhousie University College of Pharmacy program evaluation strategy
Harriet Davies & Anne Marie Whelan, Dalhousie University
2. Novel models of precepting: production of guidebooks for preceptors
Ann Thompson, University of Alberta

Skills Lab SIG

Ballroom C

Moderator: Cynthia Richard, University of Waterloo

1. Survey of skills lab courses for pharmacy programs in Canada
Natalie Kennie-Kaulbach, Dalhousie University
2. Learning through teaching: peer-assisted teaching across and within programs
Theresa Charrois, University of Alberta

1830–2200 **AFPC Awards Reception & Banquet**

Panorama Room (Penthouse)

THURSDAY, JUNE 14, 2018

0700–0830 **Buffet Breakfast and Poster Viewing**

Ballrooms B & C

0830–0930 **Keynote: Fostering the New Revolution in Canadian Health Professions Education: a “Humanities Toolkit” – How to Teach Clinical Learners using Visual Arts, Literary Texts and Film Clips**

Session overview: There is a growing body of research that suggests that exposing trainees to the humanities (including literature, film, poetry and visual arts) fosters enhanced critical reflection and empathy in clinician-patient encounters. Furthermore, such exposure celebrates the subjective and emotional facets of learning alongside more conventional scientific/evidence-based approaches. During this session, delegates will learn approaches to teaching critical reflection and close reading of texts and images, gain experience and ability to teach these skills, and explore future directions for the integration of humanities competency into pharmacy education.

Moderator: Gilles Leclerc, Université de Montréal

Presenter: Allan D. Peterkin, MD, FCFP, FRCP

Professor of Psychiatry and Family Medicine

Head, Health, Arts and Humanities Program and UGME/Post-MD Studies Humanities Lead

University of Toronto (www.health-humanities.com)

Senior Fellow, Massey College, Toronto, ON

0930–1015 **Pharmacy Deans Leadership Session – Academic Leadership: Thoughts and Reflections**

Moderator: David Edwards, University of Waterloo

1. Transformational leadership philosophy
Kishor Wasan, RPh, PhD, FAAPS, FCSPS, FCAHS
Professor and Dean
College of Pharmacy and Nutrition, University of Saskatchewan
Adjunct Professor and Distinguished Scholar, University of British Columbia
2. Recruitment and mentoring – keys to leadership success
Michael Coughtrie, BSc(Hons), PhD, FCAS
Professor and Dean
Faculty of Pharmaceutical Sciences, University of British Columbia
3. 5 Tips for successful academic leadership
Heather Boon, BScPhm, PhD
Professor and Dean
Leslie Dan Faculty of Pharmacy, University of Toronto

1015–1045 Morning Break & Poster Viewing

1045–1230 AFPC Roundtable Sessions: Current Topics in Pharmacy Education

Session overview: AFPC's roundtable discussions are informal platforms designed to allow for interactive information exchange on current topics in pharmacy education. They provide a venue to meet colleagues with similar interests and with varying perspectives. The session will be a "speed-dating" format of dialogue, networking and collaboration, with 1-2 discussion facilitators at each table. Participants take a seat at a table of their interest and share their experiences, ideas, concerns, solutions and learn about what others are doing or thinking around the topic. Participants will rotate to different tables at 30-minute intervals, for a total of three rotations. See [CPERC 2018 Sessions Information](#) document on the AFPC website for details and discussion questions for each roundtable.

Moderator: *Kenneth Manson, University of Waterloo*

Table #1: Keeping curriculum current

Facilitators: Rosemary Killeen & Nardine Nakhla, University of Waterloo

Table #2: Remediation approaches

Facilitators: Gilles Leclerc, Université de Montréal; Tom McFarlane, University of Waterloo

Table #3: Innovative approaches to teaching

Facilitators: Natalie Crown, University of Toronto; Carlos A. Velázquez-Martinez, University of Alberta

Table #4: Incorporation of new AFPC outcomes

Facilitators: Jamie Kellar, University of Toronto; Jaris Swidrovich, University of Saskatchewan

Table #5: Transition to academic life

Facilitator: David Edwards, University of Waterloo

Table #6: Graduate programs for pharmacists

Facilitators: Patricia Gerber, University of British Columbia; Julie Methot, Université Laval

Table #7: Strategies for interprofessional education and collaborative learning

Facilitators: Della Croteau, University of Toronto; Elaine Lillie, University of Waterloo

Table #8: Humanities in pharmacy education

Facilitator: Beverly FitzPatrick, Memorial University; Allan Peterkin, University of Toronto

1230–1330 Buffet Lunch

1330–1430 AFPC Mini-Sessions

Mini-Session #3: Specific Skill Sets for Pharmacy Students

Ballroom B

Moderator: *Heather Kertland, University of Toronto*

1. Information seeking behaviours and needs of pharmacists and pharmacy students in the Maritime provinces
Jennifer E. Isenor, Dalhousie University
2. A national study of education about fetal alcohol spectrum disorder (FASD) in faculties of pharmacy in Canada
Sharon Mitchell, University of Alberta
3. Teaching medicinal chemistry in Canadian pharmacy schools: strategies for making content relevant to pharmacy practice
Carlos A. Velázquez-Martinez, University of Alberta

Mini-Session #4: Challenges for Educational Excellence

Ballroom C

Moderator: Jamie Kellar, University of Toronto

1. Educational leadership: mapping and establishing impact of teaching and learning activities
Simon Albon, University of British Columbia
2. The illusion (or mirage) of educational outcomes
Gilles Leclerc, Université de Montréal
3. Determining key quality assurance indicators for advanced pharmacy practice experiences (APPE) placements site visits
Samantha Li, University of Toronto; Certina Ho, University of Toronto

1430–1500 **Afternoon Break**

1500–1600 **AFPC Special Interest Groups Education Sessions**

Assessment and Program Evaluation SIGs

Ballroom B

Moderator: Ken Cor, University of Alberta

1. Integrating validated non-academic measures for admissions selection: addressing local goals with multiple mini-interviews and national standards with situational judgment tests
Harold Reiter, McMaster University; Andrea Cameron, University of Toronto; Nathalie Letarte, Université de Montréal
2. Using critical self-reflections and formative feedback to teach pharmacy students to think critically and self-assess
Beverly FitzPatrick, Memorial University
3. Self-assessment: reframing the purposes
Gilles Leclerc, Université de Montréal

Informatics SIG

Ballroom C

Moderator: Lisa Bishop, Memorial University

1. Panel: Successes and challenges in e-health related education – the student perspective

Faculty panelist:

Jason Min, University of British Columbia

Student panelists:

Jean-Félix Côté, Université de Montréal

Brett Hevenor, University of Toronto

Pierre Thabet, Dalhousie University

1600 **Close of AFPC CPERC 2018**

CPERC 2018 Plenary Sessions – Presenter's Biographies

Kristin Kari Janke, Ph.D.

Professor, Pharmaceutical Care & Health Systems
Director, Wulling Center for Innovation and Scholarship in Pharmacy Education
University of Minnesota College of Pharmacy-Twin Cities Campus

Following 17 years in various curriculum administration roles, Dr. Janke became the Director of the Wulling Center for Innovation and Scholarship in Pharmacy Education at the University of Minnesota College of Pharmacy. In this role, she works with faculty, graduate students and residents to address educational challenges by facilitating the formation of research teams and the implementation of scholarly initiatives. Her scholarly interests include: implementing unique methods for student leadership development, enhancing assessment practices in colleges/schools of pharmacy and broadening publication options for educational scholarship. Dr. Janke received the 2012 Lyman Award for best paper in the *American Journal of Pharmaceutical Education*. She has also received the AACP Innovations in Teaching Award (2010 and 2015) and the AACP Award for Excellence in Assessment (2012). Dr. Janke is the Editor for the Education Section of the journal, *INNOVATIONS in Pharmacy*. She is also the Executive Associate Editor for *Currents in Pharmacy Teaching and Learning*.



Allan D. Peterkin, MD, FCFP, FRCP

Professor of Psychiatry and Family Medicine
Head, Health, Arts and Humanities Program and UGME/Post-MD Studies Humanities Lead
University of Toronto
Senior Fellow, Massey College

Dr. Peterkin is a Professor in the Departments of Psychiatry, and Family and Community Medicine, at the University of Toronto where he heads the program in Health, Arts and Humanities, and serves as Humanities Faculty Lead for Undergraduate Medical Education and Post-MD Studies. He is the author of 14 books on cultural studies, human sexuality, narrative medicine and the health humanities. Titles include: "Portfolio To Go -1000 Writing Prompts and Provocations for Clinical Learners" (University of Toronto Press) and "Keeping Reflection Fresh – A Practical Guide For Clinical Educators" (Kent State University Press).



Kenneth Manson, BSc(Hons), BSP, RPh

Instructor, Experiential Coordinator
Patient Care Rotations and Regional Clinical Coordinator – Kitchener-Waterloo Region
School of Pharmacy, University of Waterloo

Kenneth Manson received a Bachelor of Science from the University of Waterloo before pursuing a Bachelor of Science in Pharmacy at the University of Saskatchewan. Kenneth returned to the area, and has been involved with the UW School of Pharmacy since 2007 in various capacities – including admission interviewer, OSCE assessor, injection trainer and teaching assistant. In 2015 he started an official part-time role as an Adjunct Clinical Assistant Professor and Regional Clinical Coordinator for Kitchener-Waterloo. In early 2017 Kenneth became the Experiential Coordinator for Patient Care Rotations, where he continues to work today. He has been actively involved with AFPC through the CPERC conference organizing committee and as the Chair of PEP-C Committee. Kenneth is a member of the OPPCAT Working Group and Chair of the Joint Preceptor Training and Development subcommittee for Ontario preceptors.

Annie Lee, BScPhm, MSc(T), ACPR

Associate Professor, Teaching Stream

Leslie Dan Faculty of Pharmacy, University of Toronto

Annie Lee received a Bachelor of Science in Pharmacy from the University of Toronto, a Master of Science in Teaching from McMaster University and completed a hospital pharmacy residency. Annie joined the Leslie Dan Faculty of Pharmacy in 2004 where she has taught experiential courses, pharmacy practice skills labs and an elective course in Teaching in Learning. She has been actively involved in enhancing peer teaching/mentoring and the development of assessment tools for the PharmD program and the Interprofessional Education curriculum at the University of Toronto. Annie has been recognized by the Society of Teaching and Learning in Higher Education, McMaster University, University of Toronto, Ontario College of Pharmacists and the Canadian Society of Hospital Pharmacists for her teaching, precepting and enhancement of pharmaceutical care.

Dr. Kishor M. Wasan, RPh, PhD, FAAPS, FCSPS, FCAHS

Professor and Dean

College of Pharmacy and Nutrition, University of Saskatchewan

Adjunct Professor and Distinguished Scholar, University of British Columbia

Dr. Wasan was appointed Dean of the College of Pharmacy and Nutrition in August 2014. He has published over 200 peer-reviewed articles and 240 abstracts in the area of lipid-based drug delivery and lipoprotein-drug interactions. Dr. Wasan completed his undergraduate degree in Pharmacy at the University of Texas at Austin and his Ph.D. at the University of Texas Medical Center in Houston Texas at MD Anderson Cancer Center in Cellular and Molecular Pharmacology. After completing a postdoctoral fellowship in Cell Biology at the Cleveland Clinic, Dr. Wasan joined the Faculty of Pharmaceutical Sciences at UBC until 2014.

Dr. Wasan was one of the recipients of the 1993 American Association of Pharmaceutical Scientists (AAPS) Graduate Student Awards for Excellence in Graduate Research in Drug Delivery, the 2001 AAPS New Investigator Award/Grant in Pharmaceutics and Pharmaceutics Technologies, the 2002 Association of Faculties of Pharmacy of Canada New Investigator Research Award and was named an AAPS fellow in 2006. In addition, Dr. Wasan was awarded a Canadian Institutes of Health Research University-Industry Research Chair in Pharmaceutical Development (2003-2008), was named a University Distinguished Scholar in April 2004, received the 2007 AAPS Award for Outstanding Research in Lipid-Based Drug Delivery, and the 2008 AFPC-Pfizer Research Career Award. In 2009, Dr. Wasan was named CIHR/iCo Therapeutics Research Chair in Drug Delivery for Neglected Global Diseases and in 2010, Dr. Wasan was named a Fellow of the Canadian Academy of Health Sciences. In 2011, Dr. Wasan was awarded the Canadian Society of Pharmaceutical Sciences Leadership award for outstanding contributions to Pharmaceutical Sciences in Canada. Dr. Wasan has received support from the Canadian Institutes of Health Research (CIHR), the Natural Sciences and Engineering Research Council of Canada (NSERC), and from several charitable foundations and pharmaceutical companies.

Dr. Heather Boon, BScPhm, PhD

Professor and Dean

Leslie Dan Faculty of Pharmacy, University of Toronto

Dr. Heather Boon is Professor and Dean at the Leslie Dan Faculty of Pharmacy, University of Toronto. She currently serves as the Chair of the Council of Health Sciences at the University of Toronto and the Chair of the Dean's Council of the Association of Faculties of Pharmacy of Canada. As of July 1, 2018 she will take on the role of Vice Provost, Faculty and Academic Life at the University of Toronto. Her research interests focus on the safety, efficacy and regulation of natural health products and traditional medicine as well as questions regarding how these products and therapies are included (or not) in the Canadian health care system. She is the author of several textbooks on natural health products and over 150 academic publications in the area.

Dr. Michael Coughtrie, BSc(Hons), PhD, FCAHS

Professor and Dean

Faculty of Pharmaceutical Sciences, University of British Columbia

Dr. Michael Coughtrie is Professor and Dean at the University of British Columbia's Faculty of Pharmaceutical Sciences. Born in Glasgow, Scotland, he received his BSc (Biochemistry) in 1983 and PhD in 1986 from the University of Dundee and spent most of his professional career based in the School of Medicine there. In 2003, Dr. Coughtrie was awarded a Personal Chair in Biochemical Pharmacology and became head of the Division of Pathology and Neuroscience, and in 2011 was appointed co-Director of the Medical Research Institute.

Dr. Coughtrie commenced his term as Dean of UBC Pharmaceutical Sciences on August 1, 2013. As a researcher focusing on the roles of two major families of drug metabolizing enzymes, he has supervised numerous PhD and postdoctoral students, been invited to speak at over 70 international meetings and conferences, and has more than 200 publications appearing in journals including *The Journal of Biological Chemistry*, *Oncogene*, *The Biochemical Journal* and *The New England Journal of Medicine*. He is passionate about the impact of mentoring and leadership development of faculty and staff in academia. In 2017 he was elected a Fellow of the Canadian Academy of Health Sciences.

Educational Scholarship Symposium

Advancing Quality in Pharmacy Education through Educational Scholarship

Post-CPERC Symposium, June 14-15, 2018 (additional registration required)

Symposium description: This symposium brings together participants interested in addressing programmatic challenges through educational scholarship and the Scholarship of Teaching and Learning (SoTL). The focus is on enhancing the quality of curriculum and pedagogical practices in Canadian pharmacy schools through the collection of robust, context-specific evidence in support of education-related decision making. Building on the ideas from the CPERC 2017 opening "Education Scholarship Panel," and AACP's 2017 Fall Institute, "Strengthening Educational Scholarship," attending participants will examine strategies for moving forward and create an action plan to foster innovative and effective educational advancement through scholarly initiatives that are well matched to their institution's needs.

Speakers: **Simon Albon** (University of British Columbia, Faculty of Pharmaceutical Sciences)
Kristin Janke (University of Minnesota College of Pharmacy)

SYMPOSIUM PROGRAM

Thursday Evening Session

June 14, 6-9 pm: What's keeping me up at night? Establishing priorities and framing questions

Objectives:

- To explore the value of engaging in educational scholarship and SoTL in your school
- To discuss, share and prioritize the top educational scholarship-related needs for your school
- To describe and illustrate a process to aid in planning and executing scholarship in education.

Session activities:

- 1. Talk (~ 1 hour):** Educational scholarship and the quality of pharmacy education: Creating a sense of urgency.
- 2. Team and group work and discussion (~1.5-2 hours):** Explore individual and team motivations for participating in the Symposium and school team goals; developing team assets and interests poster; establishing priorities for educational scholarship.

Friday Morning Session

June 15, 8 am-noon: Creating a climate of evidence-based education

Objectives:

- Explain the value of organizational change management techniques in advancing curricula
- Apply a model for organizational change to a recent scholarly initiative aimed at advancing the curriculum
- Explain successful methods for building capacity for educational scholarship in pharmacy.

Session activities:

- 1. Talk (~ 1 hour):** Educational scholarship as a change effort: What is success?
- 2. Team and group work and discussion (~2-2.5 hours):** Formulate an action plan for undertaking and building capacity in evidence-based educational research in your position and school; advancing quality in pharmacy education through educational scholarship and SoTL.

CPERC 2018 POSTERS

See AFPC Website for [CPERC 2018 Poster Abstracts](#).

PHARMACY EDUCATION

- PE01 Evaluation of internet-based multiple-mini (iMMI) compared to traditional MMI for the PharmD for Pharmacists
- PE02 Bachelor of Science in Pharmacy Student Perceptions of the Entry-Level Doctor of Pharmacy Degree: A Qualitative Study
- PE03 From Participant to Peer Facilitator: Evaluating the Experience of a Peer-Led Pharmacy Skills Lab
- PE04 Development, Implementation, and Evaluation of a Medication Adherence Simulation Activity within Program Year 1 of an Entry-to-Practice PharmD Program
- PE05 Development of an Online Over-the-Counter Gastrointestinal Medications Primer for Program Year 1 of an Entry-to-Practice PharmD Program
- PE06 Atlantic Canadian Hospital Pharmacists in Direct Patient Care: Experiences as Preceptors
- PE07 TransEd: A Collaborative Module to Prepare Healthcare Learners to Provide Care to Transgender Patients
- PE08 No Experience; No In-House Partners; No Problem: IPE at Waterloo Pharmacy
- PE09 Pharmacy, dentistry, and physiotherapy student perceptions of self-directed interprofessional case-based learning
- PE10 Privacy Impact Assessment and Pharmacy Student Perceptions of Real Patient/Pharmacist Videos in Case-Based Learning
- PE11 Perceptions of pharmacy students involved in preventative health and wellness events at the University of British Columbia
- PE12 Impact of Non-Direct Patient Care Rotations on pharmacy practice: the students' perspective
- PE13 Implementing the Pharmacy Students as Educators (PHASE) Program at the University of British Columbia
- PE14 The Impact of Pharmacy Students as Educators (PHASE) and a Simulated Teaching Environment on Program Year 2 Students in an Entry-to-Practice PharmD Program at UBC
- PE15 The Evaluation of the Development and Implementation of a New Institutional Practice Skills Course and Corresponding Practicum in an Entry to Practice Doctor of Pharmacy Program
- PE16 Developing a Train the Trainer Program for Pharmacy Practice Educators
- PE17 Assessment of professional competencies using an electronic portfolio for resident pharmacists in hospital residency
- PE18 Exploration projects for last-year pharmacy students
- PE19 Manitoba Pharmacy Preceptor Learning Needs Environmental Scan as an Elective Rotation
- PE20 Student cohort comparisons of the changes in study-approaches during transition to a competency-based professional programme
- PE21 Psychometric evaluation and modeling for precision and grading system of an assessment-intensive programme
- PE22 A comparison of the function and impact of formative assessments in UBC's E2P PharmD program
- PE23 Incorporating Advanced Pharmacy Practice Experience students into an Alternate Level of Care patient care team: a pilot study
- PE24 Evaluating online learning: Focus on patient/medication safety for healthcare professionals

- PE25 Program evaluation of the undergraduate Pharmacy program at the University of Manitoba: New directions and implications for admissions and achievement of educational outcomes in the Pharm.D. program
- PE26 Interprofessional stroke team simulations: improving knowledge and skills for practice
- PE27 An online, live-streamed, interactive, intraprofessional activity: student perceptions
- PE28 Use of Team Based Learning in an Advanced Pharmacotherapy Course
- PE29 Vaccination by the pharmacist: Impact of an awareness program for pharmacy students
- PE30 Comfort level assessment of a cohort of pharmacy residents exposed to a validation simulation

PHARMACY PRACTICE

- PP01 Canadian clinical pharmacy practice in 2016-2017: a national survey
- PP02 Adverse drug reactions' codification by medical records technicians and comparison with pharmacovigilance reporting
- PP03 Drug shortages in Canada: current data in 2016-2017 perspective
- PP04 Tools that Measure Characteristics Associated with Pharmacist Success
- PP05 The Co-Located Pharmacist Model: Opinions and Barriers from the Community Pharmacist, Physician, and Patient
- PP06 Prenatal Antibiotics Exposure and the Risk of Autism Spectrum Disorders: A Population-Based Cohort Study
- PP07 Healthcare providers' views around deprescribing in Nova Scotia
- PP08 Evaluation of the Quality of Evidence of Natural Health Products Included in Clinical Practice Guidelines for the Treatment of Menopause-related Vasomotor Symptoms
- PP09 Differentiating how therapeutic information is communicated to patients and practitioners
- PP10 Enhancing Eye Care through Interprofessional Collaboration - A joint pharmacist/optometrist initiative
- PP11 Monitoring and Managing Medication Adherence in Community Pharmacies
- PP12 Analysis of medication incidents associated with patient harm in New Brunswick using the Medication Safety Culture Indicator Matrix
- PP13 A multi-incident analysis on medication incidents associated with patient harm
- PP14 Assessing the perception and implementation of continuous quality improvement in pharmacy professionals: A pre-Safety IQ initiative
- PP15 Mandatory quality related events reporting in Canada: A province-wide review over 7 years
- PP16 Developing and evaluating a patient decision aid for managing surgical menopause: The story behind the "SheEmpowers" patient decision aid (PDA)

PHARMACEUTICAL SCIENCE

- PS01 Retrospective cohort study comparing three HYDRation regimens with cisplatin in patients treated in an academic center (HYDRA study)
- PS02 External contamination of commercial vials by antineoplastic agents: a literature review
- PS03 Pediatric physiology as it relates to the pharmacokinetics of monoclonal antibodies
- PS04 Azapeptide MPE001, a CD36 ligand protects against photoreceptors degeneration in TLR2-mediated retinal inflammation
- PS05 Alterations in the eicosanoid profile and mitochondrial injury in human ventricular tissue following myocardial infarction
- PS06 Patterns and trends of medication use and costs in chronic obstructive pulmonary disease (COPD): a 19-year population-based study

AFPC 2018 Award Winners

See AFPC Website for [Award Winner bios](#).

AFPC / Merck Canada Inc. Postgraduate Pharmacy Fellowship Award

Mr. Paul Malik, University of Waterloo

AFPC / Canadian Foundation for Pharmacy Graduate Student Award for Pharmacy Practice Research

Ms. Tasneem Siyam, University of Alberta

AFPC / Council for Continuing Pharmaceutical Education Graduate Student Research Award

Ms. Walaa Ali Abualsunan, University of Toronto

AFPC / Council for Continuing Pharmaceutical Education Student Research Poster Awards

Ms. Lockhart Jamieson, University of Alberta

Ms. Amani Hamad, University of Manitoba

Ms. Anne-Marie Bégin, Université de Montréal

AFPC-Whit Matthews Graduate & Undergraduate Student Poster Awards

Sponsored by the Council for Continuing Pharmaceutical Education

(To be determined)

AFPC / Council for Continuing Pharmaceutical Education New Investigator Research Award

Dr. Mohsen Sadatsafavi, University of British Columbia

AFPC / Pfizer Research Career Award

Dr. Huy Ong, Université de Montréal

AFPC / Janssen Award for Innovation in Education

Ms. Kimberly Sponagle, Dalhousie University

AFPC / Pharmacy Examining Board of Canada Award for Excellence in Research or Innovation in Assessment of Competence

Dr. Sheryl Zelenitsky, University of Manitoba

Dr. Robert Renaud, University of Manitoba

Dr. Shaw Bugden, Memorial University

AFPC National Award for Excellence in Education

Ms. Elaine Lillie, University of Waterloo

AFPC Honoured Life Membership

Dr. Cheryl Cox, University of Alberta

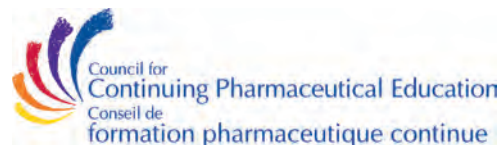
AFPC Past President Award

Dr. David Edwards, University of Waterloo

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