



Association of Faculties  
of Pharmacy of Canada

Association des facultés  
de pharmacie du Canada

# CPERC 2019

76<sup>th</sup> Annual Meeting of AFPC  
Sutton Place Hotel, Edmonton, Alberta | June 11-14, 2019



CO-HOSTED BY



UNIVERSITY OF  
**ALBERTA**



University Of  
**British Columbia**



UNIVERSITY OF  
**SASKATCHEWAN**

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## CPERC 2019 Resources on AFPC Website

[www.afpc.info/content/conference-program](http://www.afpc.info/content/conference-program)

1. [CPERC 2019 Sessions Information](#): document includes details on the following sessions:
  - a. Roundtable Sessions: overviews and discussion questions
  - b. Abstracts for Mini-Sessions
  - c. Abstracts for Special Interest Group (SIG) Education Sessions
2. [CPERC 2019 Poster Abstracts](#): 65 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 2019 Award Winners](#): names and bios of faculty and student award winners.

# Welcome to CPERC 2019

On behalf of the Faculty of Pharmacy and Pharmaceutical Sciences, University of Alberta; Faculty of Pharmaceutical Sciences, University of British Columbia; and the College of Pharmacy and Nutrition, University of Saskatchewan, we are very pleased to welcome you to Edmonton for the 10th Annual CPERC conference and 75th Anniversary of AFPC. By co-hosting CPERC, we are supporting AFPC's commitment to creating partnerships among our faculties.

The conference will open with a welcome reception on Tuesday evening, followed by a get-together at a local pub, hosted by the University of Alberta. On Wednesday evening we look forward to celebrating with the AFPC award winners at the Awards Banquet at the stunning Art Gallery of Alberta.

The opening keynote is by the authors of "How to be a Happy Academic", Dr. Alexander Clark and Ms. Bailey Sousa (University of Alberta). Dr. Todd Sorensen, University of Minnesota, will present on preparing pharmacy graduates to succeed in a value-driven health system. In a leadership session, 3 Associate Deans will share their thoughts and reflections on academic leadership. Back by popular demand is a session devoted to faculty updates, with each school giving a brief presentation on innovative approaches to pharmacy education. Additional sessions will include 8 roundtables, 8 mini-sessions, 15 SIG education sessions and an AFPC Townhall session. Be sure to take time to see the 65 poster presentations and talk to the authors about their research and innovative pharmacy education approaches. CPERC 2019 will close with a keynote reflecting on AFPC's 75th anniversary, from AFPC's President Dr. Jamie Kellar, on how the past informs the future with regards to pharmacy teaching and practice. Post-CPERC, there's an Indigenization Symposium: Truth and Reconciliation in Canadian Pharmacy Education. To wrap up CPERC, the University of Alberta is hosting a pub night on Thursday.

This year's conference program was planned by the 2019 CPERC Working Group, chaired by Nese Yuksel, with guidance from the AFPC Education Committee. Many thanks to the Working Group members for their ideas and hard work: Ann Thompson, Christine Hughes, Nese Yuksel, Ed Krol, Jason Perepelkin, Kerry Wilbur, Fong Chan, Cynthia Richard, Gilles Leclerc, Julie Méthot, Beverly FitzPatrick (see page 5). In addition, we would like to express our sincere gratitude to AFPC staff, Janet Cooper, Executive Director, and Doreen Sproule, Administrative Assistant, for their substantial work in organizing the conference.

We trust that you will enjoy the conference, have a wonderful time reconnecting with friends and meeting new colleagues, and leave with lots of innovative ideas to take back to your faculties.

Sincerely,



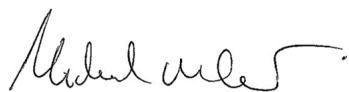
Jamie Kellar, RPh, BSc HK, BScPhm, PharmD  
Acting Director, PharmD Program  
Assistant Professor – Teaching Stream  
Leslie Dan Faculty of Pharmacy  
University of Toronto  
President, AFPC Board of Directors



Neal Davies, BSc(Pharm), PhD, RPh  
Professor and Dean  
Faculty of Pharmacy and  
Pharmaceutical Sciences  
University of Alberta  
Vice Chair, AFPC Council of Deans



Kishor M. Wasan, RPh, PhD,  
FAAPS, FCSPS, FCAHS  
Professor and Dean  
College of Pharmacy and  
Nutrition  
University of Saskatchewan



Michael Coughtrie, BSc(Hons), PhD, FCAHS  
Professor and Dean  
Faculty of Pharmaceutical Sciences  
University of British Columbia  
Treasurer, AFPC Board of Directors



Nese Yuksel, BScPharm, PharmD, FCSHP, NCMP  
Professor  
Faculty of Pharmacy and Pharmaceutical Sciences  
University of Alberta  
Chair, CPERC 2019 Working Group

# AFPC Board, Councils and CPERC Working Group

## 2018-2019 AFPC BOARD OF DIRECTORS

**Jamie Kellar, President**

Leslie Dan Faculty of Pharmacy  
University of Toronto

**Beverly FitzPatrick**

School of Pharmacy  
Memorial University

**Julie Méthot**

Faculté de pharmacie  
Université Laval

**Lalitha Raman-Wilms, President Elect**

College of Pharmacy  
University of Manitoba

**Gilles Leclerc**

Faculté de pharmacie  
Université de Montréal

**Ann Thompson**

Faculty of Pharmacy &  
Pharmaceutical Sciences  
University of Alberta

**David Edwards, Past President**

School of Pharmacy  
University of Waterloo

**Susan Mansour**

College of Pharmacy  
Dalhousie University

**Kishor Wasan**

College of Pharmacy and Nutrition  
University of Saskatchewan

**Michael Coughtrie, Treasurer**

Faculty of Pharmaceutical Sciences  
University of British Columbia

## 2018-2019 AFPC COUNCIL OF DEANS

**Susan Mansour, Chair**

Dalhousie University

**Kishor Wasan**

University of Saskatchewan

**Jean Lefebvre**

Université Laval

**Neal Davies, Vice Chair**

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**Lalitha Raman-Wilms**

University of Manitoba

**Shawn Bugden**

Memorial University

**Christine Allen**

University of Toronto

**David Edwards**

University of Waterloo

**Michael Coughtrie**

University of British Columbia

**Lyne Lalonde**

Université de Montréal

## 2018-2019 AFPC COUNCIL OF FACULTIES

**Cynthia Richard, Chair**  
University of Waterloo

**Ed Krol, Vice Chair**  
University of Saskatchewan

**Gilles Leclerc**  
Université de Montréal

**Patricia Gerber**  
University of British Columbia

**Ann Thompson**  
University of Alberta

**Jamie Kellar**  
University of Toronto

**Christine Leong** (to April 30, 2019)  
**Dana Turcotte** (as of May 1, 2019)  
University of Manitoba

**Julie Méthot**  
Université Laval

**Heidi Deal**  
Dalhousie University

**Beverly FitzPatrick**  
Memorial University

## CPERC 2019 WORKING GROUP MEMBERS

**Nese Yuksel, Chair**  
University of Alberta

**Ann Thompson**  
University of Alberta

**Christine Hughes**  
University of Alberta

**Kerry Wilbur**  
University of British Columbia

**Fong Chan**  
University of British Columbia

**Ed Krol**  
University of Saskatchewan

**Jason Perepelkin**  
University of Saskatchewan

**Gilles Leclerc**  
Université de Montréal

**Cynthia Richard**  
University of Waterloo  
Chair, AFPC Council of Faculties

**Beverly FitzPatrick**  
Memorial University  
Chair, AFPC Education  
Committee

**Julie Méthot**  
Université Laval  
Chair, AFPC Research  
Committee

**Janet Cooper**  
Executive Director, AFPC

# Program-at-a-Glance

TUESDAY, JUNE 11		
0830-1700 h	AFPC Meetings (Board of Directors & AGM, SIG Business Meetings)	
1830-2030 h <i>Rutherford</i>	Opening Reception	
2030 h <i>10013 101A Ave</i>	University of Alberta Host Night @ CRAFT Beer Market	
WEDNESDAY, JUNE 12		
0700-0830 h <i>Foyer &amp; Ballroom</i>	Poster Viewing & Breakfast	
0830-0845 h <i>Ballroom</i>	Welcome & Opening Remarks from Host Universities	
0845-1000 h <i>Ballroom</i>	Opening Keynote: The Smartness Myth – the Real Secret to Success and Happiness in Your Academic Career <i>Dr. Alexander Clark, University of Alberta &amp; Effective Academic Inc.</i> <i>Ms. Bailey Sousa, University of Alberta &amp; Effective Academic Inc.</i> <i>(authors of "How to be a Happy Academic")</i>	
1000-1030 h <i>Foyer &amp; Ballroom</i>	Poster Viewing & Morning Break	
1030-1110 h	Mini-Session #1 – Alternatives to Didactic Lecturing <i>Ballroom</i>	Mini-Session #2 – Evidence and Competency Make for Quality <i>Winterlake</i>
1115-1215 h <i>Ballroom</i>	Keynote: Are We Preparing Pharmacy Graduates to Succeed in a Value-Driven Health System? <i>Dr. Todd Sorensen, University of Minnesota</i>	
1215-1300 h <i>Foyer &amp; Ballroom</i>	Buffet Lunch	
1300-1330 h <i>Ballroom</i>	AFPC Annual Business Meeting & Townhall	
1330-1515 h <i>Ballroom</i>	Roundtable Sessions: Current Topics in Pharmacy Education 1. Preparing students for value-based practice 2. Gamification in pharmacy education 3. Scholarship of Teaching and Learning 4. Keeping curriculum current: incorporating hot topics 5. Graduate student/research trainee supervision 6. Entrustable Professional Activities 7. Addressing new CCAPP accreditation standards 8. Stigma training	
1515-1600 h <i>Foyer &amp; Ballroom</i>	Poster Viewing / Judging & Afternoon Break	
1600-1700 h	SIG Education Session #1 Truth & Reconciliation SIG <i>Ballroom</i>	SIG Education Session #2 Program Evaluation and Educational Assessment SIGs <i>Winterlake</i>
1800-2200 h <i>2 Sir Winston Churchill Square</i>	AFPC Awards Reception & Banquet @ Art Gallery of Alberta	

THURSDAY, JUNE 13		
0700-0830 h <i>Foyer &amp; Ballroom</i>	Poster Viewing & Breakfast	
0830-1010 h <i>Ballroom</i>	Faculty Updates on Innovation in Education	
1010-1040 h <i>Foyer &amp; Ballroom</i>	Poster Viewing & Morning Break	
1040-1125 h <i>Ballroom</i>	Pharmacy Academic Leadership Session: Thoughts and Reflections from Associate Deans	
	Using policies to guide graduate program management <i>Dr. Scot Simpson, University of Alberta</i>	
	Leadership in the design of a new curriculum <i>Dr. Yvonne Shevchuk, University of Saskatchewan</i>	
	Managing from the middle <i>Dr. Sandra Jarvis-Selinger, University of British Columbia</i>	
1130-1210 h	SIG Education Session #3 PEP-C Experiential Education SIG and Self Care Therapeutics & Minor Ailments SIG <i>Ballroom</i>	SIG Education Session #4 Medicinal Chemistry SIG <i>Winterlake</i>
	Buffet Lunch	
1210-1300 h <i>Foyer &amp; Ballroom</i>		
1300-1400 h	SIG Education Session #5 Informatics SIG and Skills Lab SIG <i>Ballroom</i>	SIG Education Session #6 Social & Administrative Pharmacy SIG <i>Winterlake</i>
	Mini-Session #3 – A Panoramic View of Two Educational Initiatives <i>Ballroom</i>	Mini-Session #4 – Complexities in Learning and Teaching <i>Winterlake</i>
1410-1450 h		
1450-1510 h <i>Foyer</i>	Afternoon Break	
1510-1610 h <i>Ballroom</i>	Closing Keynote: Reflections on AFPC’s 75th Anniversary: How the Past Informs the Future with Regards to Pharmacy Teaching and Practice <i>Dr. Jamie Kellar, University of Toronto</i>	
1610-1615 h <i>Ballroom</i>	Close of AFPC CPERC 2019	
1700-2100 h <i>Rutherford</i>	Post-CPERC Indigenization Symposium: Truth and Reconciliation in Canadian Pharmacy Education – Session & Dinner <i>(additional registration fee)</i>	
1800-2100 h <i>Executive Boardroom</i>	AFPC Health Informatics Peer Leaders Dinner & Workshop <i>(by invitation only)</i>	
2030 h <i>10235 101 St</i>	University of Alberta Host Wrap-Up Night @ Rose & Crown Pub	
FRIDAY, JUNE 14		
0800-1230 h <i>Rutherford</i>	Post-CPERC Indigenization Symposium: Truth and Reconciliation in Canadian Pharmacy Education <i>(additional registration fee)</i>	
0800-1500 h <i>Executive Boardroom</i>	AFPC Health Informatics Peer Leaders Workshop <i>(by invitation only)</i>	

# Conference Program

## TUESDAY, JUNE 11, 2019

1830 – 2030 Opening Reception

*Rutherford*

2030 University of Alberta Host Night

*CRAFT Beer Market  
10013 101A Ave, Edmonton*

## WEDNESDAY, JUNE 12, 2019

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

*Foyer & Ballroom*

**Poster session overview:** 65 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 2019 Poster Abstracts](#) on AFPC website for further details.

0830 – 0845 **Welcome & Opening Remarks**

*Ballroom*

*Moderator: Nese Yuksel, University of Alberta*

**Welcome from Host Universities:**

University of Alberta: Neal Davies, Dean

University of British Columbia: Michael Coughtrie, Dean

University of Saskatchewan: Ed Krol, AFPC Council of Faculties

0845 – 1000 **Opening Keynote: The Smartness Myth – the Real Secret to Success and Happiness in Your Academic Career**

*Ballroom*

**Session overview:** What matters most: your gifts or your growth? Join our keynote speakers to explore why the factors most people think make for career success actually stop you from realizing your true potential. Drawing on cutting-edge theory and research into implicit theories of intelligence, come to understand why your perceptions of your contributions to work success and failure matter so much. Learn how to more fully tap your growth mindset for sustained and increased performance and better personal wellbeing for both yourself and your teams.

*Moderator: Nese Yuksel, University of Alberta*

**Presenters:** Alexander Clark, RN, PhD, FCAHS

*Professor and Associate Vice President (Research)*

*University of Alberta*

*Co-Founder & Consultant, Effective Academic Inc.*

*Bailey Sousa, PMP*

*Director of the Peter Lougheed Leadership College*

*University of Alberta*

*Co-Founder & Consultant, Effective Academic Inc.*





**1330 - 1515     Roundtable Sessions: Current Topics in Pharmacy Education***Ballroom*

**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 two 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 2019 Sessions Information document](#) on the AFPC website for details and discussion questions for each roundtable.

*Moderator: Christine Hughes, University of Alberta*

**Table #1: Preparing students for value-based practice**

**Facilitators:** *Natalie Kennie-Kaulbach, Dalhousie University & Todd Sorensen, University of Minnesota*

**Table #2: Gamification in pharmacy education**

**Facilitators:** *Renette Bertholet, University of Alberta & Marie Rocchi, University of Toronto*

**Table #3: Scholarship of Teaching and Learning**

**Facilitators:** *Simon Albon, University of British Columbia & Kristin Janke, University of Minnesota*

**Table #4: Keeping curriculum current: incorporating hot topics (e.g. cannabis, opioid crisis, deprescribing)**

**Facilitators:** *Kelly Grindrod, University of Waterloo & Julie Méthot, Université Laval*

**Table #5: Graduate student / research trainee supervision**

**Facilitators:** *Beverly FitzPatrick, Memorial University & Ed Krol, University of Saskatchewan*

**Table #6: Entrustable Professional Activities**

**Facilitators:** *Andrea Cameron, University of Toronto & Kerry Wilbur, University of British Columbia*

**Table #7: Addressing new CCAPP accreditation standards**

**Facilitators:** *Isabelle Lafleur, Université de Montréal & Lavern Vercaigne, University of Manitoba*

**Table #8: Stigma training (e.g. mental health, STBBIs)**

**Facilitators:** *Christine Hughes, University of Alberta & Jason Perepelkin, University of Saskatchewan*

**1515 – 1600     Poster Viewing / Judging & Afternoon Break***Foyer & Ballroom*

**1600 – 1700 AFPC Special Interest Group Concurrent Sessions**

*Ballroom*

**Truth & Reconciliation SIG**

*Moderator: Jaris Swidrovich, University of Saskatchewan*

**1. Co-developing a transformative indigenous health practicum in community**

*Presenter: Larry Leung, University of British Columbia*

**2. The pharmacy experience of embedding an interprofessional UBC health-wide indigenous cultural safety curriculum**

*Presenter: Jason Min, University of British Columbia*

**3. The state of indigenization in Canadian pharmacy programs**

*Presenters: Jaris Swidrovich, University of Saskatchewan & Elaine Lillie, University of Waterloo*

**Program Evaluation SIG and Educational Assessment SIG**

*Winterlake*

*Moderator: George Pachev, University of British Columbia*

**1. Evidence of practice-readiness for culminating practice experience: from documentation describing program policy and design to indicators of competency achievement**

*Presenters: Isabelle Lafleur, Université de Montréal & Aleksandra Bjelajac Mejia, University of Toronto*

**2. Evaluating the impact of additional PharmD bridging curriculum on The Pharmacy Examining Board of Canada (PEBC) licensing exam results**

*Presenter: Ken Cor, University of Alberta*

**3. Continuous Quality Assurance Frameworks in Pharmacy Education**

*Presenters: Isabelle Lafleur, Université de Montréal & Anne Marie Whelan, Dalhousie University & Robert Renaud, University of Manitoba*

**1800 – 2200 AFPC Awards Reception & Banquet**

*Art Gallery of Alberta*

Join your colleagues at the stunning Art Gallery of Alberta 2 Sir Winston Churchill Square to celebrate the 2019 AFPC faculty and student award winners. Dinner will begin at 7 pm, followed by the award presentations.

## THURSDAY, JUNE 13, 2019

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

*Foyer & Ballroom*

0830 – 1010 **Faculty Updates on Innovation in Education**

*Ballroom*

**Session overview:** Each faculty of pharmacy across Canada will provide a brief update on an innovative initiative at their university.

*Moderator: Ed Krol, University of Saskatchewan*

### **1. Pharmacy students providing education as communicators and health advocates**

**Presenters:** *Lisa Bishop & Mike Chong, Memorial University*

Pharmacy students embraced their roles as communicators and health advocates to increase public and professional knowledge about optimal healthcare. Second year pharmacy students developed and organized a Health Fair for students, staff and faculty of Memorial University. Third year students developed and produced podcasts for pharmacists and other healthcare professionals.

### **2. The use of videos for modeling skills to enhance learning**

**Presenters:** *Natalie Kennie-Kaulbach & Kim Sponagle, Dalhousie University*

Our Skills Lab team identified a need for explicit models of well-executed pharmacist-patient consultations to enhance student learning. Specifically, the team identified a need for demonstration of the integration of communication strategies within the modified Calgary Cambridge Interview and Dalhousie Patient Care Process. A Teaching and Learning Enhancement Grant funded video development. This presentation will briefly discuss the development, implementation and evaluation of videos modeling communication skills as a teaching tool within the Skills Lab setting.

### **3. Ethical issues for pharmacy students in Laval's PharmD program**

**Presenter:** *Julie Méthot, Université Laval*

Ethical issues for pharmacy students in our Pharm.D. will be presented. The learning activities and evaluation will be discussed.

### **4. Program evaluation at the Faculty of Pharmacy, University of Montreal**

**Presenter:** *Emma Ferreira, Université de Montréal*

Program evaluation has become a priority at the University of Montreal. To implement a program evaluation plan several steps were undertaken and will be presented.

### **5. Implementation of high-fidelity mannequin simulations in a physical assessment course**

**Presenter:** *Natalie Crown, University of Toronto*

The ability to both perform physical assessment and interpret physical findings is a core patient assessment skill necessary to equip pharmacy graduates for full scope of Canadian pharmacy practice. We will describe our experience introducing simulation using a high fidelity manikin to the physical assessment course at the Leslie Dan Faculty of Pharmacy, University of Toronto. The goal was to enable PharmD students to practice their physical assessment skills in a safe environment, and provide the opportunity to appreciate both normal and abnormal physical findings.

## 6. An intraprofessional OSCE with pharmacy students and pharmacy technician students

**Presenter:** *Cynthia Richard, University of Waterloo*

Pharmacists and pharmacy technicians work closely together in practice upon graduating, but have limited opportunities to learn together. We offered a pilot intraprofessional event for pharmacy students and pharmacy technician students that included a practice OSCE and case discussion. Event structure and feedback will be discussed in this update.

## 7. Ongomiizwin Institute for Health and Healing: opportunities for education and research

**Presenter:** *Lavern M. Vercaigne, University of Manitoba*

This presentation will describe the Ongomiizwin Institute for Health and Healing at the University of Manitoba and opportunities for collaboration in undergraduate education and research with the College of Pharmacy.

## 8. Patient assessment in clinical pharmacy: a comprehensive guide

**Presenter:** *Sherif Mahmoud, University of Alberta*

A practical tool targeting pharmacy students and pharmacists regardless of their practice setting. Authored by more than 30 Canadian pharmacists and academics, this essential textbook provides an innovative approach to patient assessment ranging from the basic skills to the more advanced specialized assessments.

## 9. Virtual patients

**Presenter:** *Karen Dahri, University of British Columbia*

Eight virtual patient cases have been implemented in the Entry-to-Practice Doctor of Pharmacy curriculum at the University of British Columbia in an effort to help students develop their clinical reasoning skills and better prepare them for experiential rotations. Evaluation has occurred to determine students' perceptions related to the benefits of using the cases, the optimal timing of the cases, the changes in their thought process as they work through multiple cases and the cases impact on students' experiential rotations experiences.

## 10. Hospital pharmacy practice in a simulated environment

**Presenter:** *Ed Krol, University of Saskatchewan*

This activity exposed students to hospital pharmacy practice in a simulated environment where students could practice the nuances of entering a patient's hospital space, gathering history and discussing medications while a patient is gowned, not feeling well, laying in a curtained off hospital bed. The space that we use replicates the hospital experience down to the linen. This activity was completed before the student's hospital experiential learning rotation, orientating them to the patient care process and building their confidence before they saw patients admitted to hospital.

Ballroom

*Presenters:*

Scot Simpson, University of Alberta

Yvonne Shevchuk, University of Saskatchewan

*Sandra Jarvis-Selinger, University of British Columbia*

Ballroom

Moderator: *Kenneth Manson, University of Waterloo*

**Presenter:** Michelle MacDonald, University of Alberta

**Presenter:** Nardine Nakhla, University of Waterloo

Winterlake

**Presenter:** Ed Krol, University of Saskatchewan

**Presenter:** Simon Albon, University of British Columbia

*Foyer & Ballroom*

Ballroom

*Moderator:* Theresa Charrois, University of Alberta

**Presenters:** Lisa Bishop, Memorial University & Marie Rocchi, University of Toronto

**Presenter:** Renette Bertholet, University of Alberta

**Presenters:** Kelly Grindrod & Cynthia Richard, University of Waterloo

## Social & Administrative Pharmacy SIG

Winterlake

*Moderator: Jason Perepelkin, University of Saskatchewan*

1. A novel way to engage students in experiential preventive health education at a university-owned, pharmacist-led patient care clinic

*Presenter: Jamie Yuen, University of British Columbia*

2. It's all about the BASE: a new approach to teaching social, administrative and information sciences across the entry to practice

*Presenter: Lisa Guirguis, University of Alberta*

1410 -1450

### Concurrent Mini-Sessions

#### Mini-Session #3: A Panoramic View of Two Educational Initiatives

Ballroom

*Moderator: Ann Thompson, University of Alberta*

1. Marijuana content in Canadian undergraduate pharmacy programs: a national survey  
*Kerry Wilbur, University of British Columbia*

2. Small but mighty: the current state of educational scholarship and SoTL in academic pharmacy  
*Simon Albon, University of British Columbia*

#### Mini-Session #4: Complexities in Learning and Teaching

Winterlake

*Moderator: Jason Perepelkin, University of Saskatchewan*

1. Stress-o-meter: understanding pharmacy student anxiety  
*Gilles Leclerc, Université de Montréal*

2. Curriculum design, workload, and learning: a conundrum seeking for time  
*Gilles Leclerc, Université de Montréal*

1450 – 1510

### Afternoon Break

Foyer

1510 – 1610

### Closing Keynote: Reflections on AFPC's 75th Anniversary – How the Past Informs the Future with Regards to Pharmacy Teaching and Practice

Ballroom

**Session overview:** Professional identity formation – the development of professional values, actions and aspirations – is gaining momentum as a movement for professional and educational reform in the health professions. In spite of this, research suggests that identity formation in pharmacy has been neglected. Historically the pharmacist's professional identity has been contested: are they merchants or health care professionals? This presentation will explore pharmacists' professional identity over the last century in pharmacy education in North America. It will examine key identity discourses in North American pharmacy and how they may impact the evolution of the profession in the 21st century.

*Moderator: Lalitha Raman-Wilms, University of Manitoba*

**Presenter:** *Jamie Kellar, RPh, BScHK, BScPhm, PharmD, PhD(c)*

*Acting Director, PharmD Program*

*Assistant Professor – Teaching Stream*

*Leslie Dan Faculty of Pharmacy, University of Toronto*

*President, AFPC Board of Directors*

1610 – 1615	<b>Close of AFPC CPERC 2019</b> <i>Closing Remarks: Jamie Kellar, University of Toronto</i>	Ballroom
1700 – 2100	<b>Post-CPERC Indigenization Symposium: Truth and Reconciliation in Canadian Pharmacy Education</b> <b>Session &amp; Dinner:</b> see program on page 20 (additional registration fee)	Rutherford
1800 – 2100	<b>AFPC Health Informatics Peer Leaders Workshop</b> Dinner & Workshop (by invitation only)	Executive Suite
2030	<b>University of Alberta Host Wrap-Up Night</b>	Rose & Crown Pub 10235 101 St, Edmonton

## FRIDAY, JUNE 14, 2019

0800 – 1230	<b>Post-CPERC Indigenization Symposium: Truth and Reconciliation in Canadian Pharmacy Education</b> <b>Session:</b> see program on page 20 (additional registration fee)	Rutherford
0800 – 1500	<b>AFPC Health Informatics Peer Leaders Workshop</b> Workshop (by invitation only)	Executive Suite



# CPERC 2019 Plenary Sessions

## Presenter's Biographies

### **Alexander Clark, RN, PhD, FCAHS**

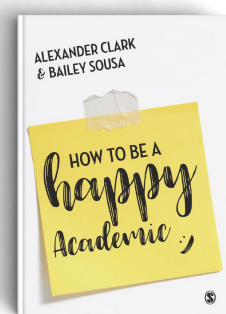
Professor and Associate Vice President (Research)  
University of Alberta  
Co-Founder & Consultant, Effective Academic Inc.

### **Bailey Sousa, BA (Hons), PMP**

Director of the Peter Lougheed Leadership College  
University of Alberta  
Co-Founder & Consultant, Effective Academic Inc.



Alex Clark and Bailey Sousa, founders of The Effective, Successful, Happy Academic, share a passion for effectiveness, teamwork and aspiration in work and workplaces. Drawing on their work on professional and work skills, they have led hundreds of interdisciplinary workshops worldwide on research, leadership, personal effectiveness, writing and academic work – and have been featured in the Guardian, Times Higher and numerous professional journals. Alex, a health services researcher by background, is Professor and Associate Vice President (Research) at the University of Alberta, and is a World Economic Forum Young Global Leader / Young Scientist. Bailey is the Director of the Peter Lougheed Leadership College at the University of Alberta – a lifelong entrepreneur, she was recognized as Edmonton's Avenue Magazine's 'Top 40 Under 40' for her contribution in her work and to her city.



### **How to be a Happy Academic by AM Clark & BJ Sousa**

(SAGE Publications, London: 2018)

Relevant to all types of academic work and career stages, Alex Clark and Bailey Sousa's book, "How to be a Happy Academic" has received international acclaim. Building on your personal values, the book's unique integrative approach supports readers to develop and build their own personalized values-driven map to achieve their success indicators. Using a unique approach to interconnected skills, the book will then help you harness the power of your "Core" – to meet all your career challenges. Honing your skills and helping you to focus on 'the right work' – this book can help everyone to be more effective, successful, and happy.

### **Todd D. Sorensen, PharmD, FAPhA, FCCP**

Professor and Associate Department Head,  
Department of Pharmaceutical Care & Health Systems  
University of Minnesota  
Executive Director, Alliance for Integrated Medication Management

Dr. Sorensen is Professor and Associate Head, Department of Pharmaceutical Care and Health Systems at the College of Pharmacy, University of Minnesota. He also serves as the Executive Director of the Alliance for Integrated Medication Management, a non-profit organization that engages health care institutions in practice transformation activities that support improved medication use.



Dr. Sorensen's work concentrates on identifying strategies that facilitate clinical practice development and developing change management and leadership skills in student pharmacists, pharmacy residents and practitioners. His research and service activities have focused on working with health care organizations to implement strategies that improve health outcomes associated with chronic illness, specifically identifying leadership strategies that allow organizations to integrate and sustain medication management services delivered by pharmacists within interprofessional teams. This work has been greatly influenced by ten years of experience participating in and leading national quality improvement collaboratives for health systems seeking to optimize medication use in outpatient settings.

**Yvonne Shevchuk, BSP, PharmD, FCSHP**

Associate Dean Academic  
College of Pharmacy and Nutrition  
University of Saskatchewan



I have been the Associate Dean Academic at the University of Saskatchewan since July 2010 and a Professor in the Division of Pharmacy. Along with Associate Dean duties I teach infectious diseases in both the old and new curriculum. My major area of interest is in optimal drug use, in particular antibiotics. Until recently I had a clinical practice in infectious diseases at the Royal University Hospital. I am still a member of the Antimicrobial Utilization Subcommittee and remain active in stewardship activities. I am also a committee member of AMMI, Canada's Antimicrobial Stewardship and Resistance Committee. My general interest and expertise in optimal drug use has led to appointments with the CADTH Canadian Drug Expert Committee (CDEC) and the Drug Advisory Committee of Saskatchewan (DACs).

I am the Director of RxFiles – an Academic Detailing program now a part of the College of Pharmacy and Nutrition at UoS. Another interest I have is in interprofessional education and I currently chair the IPEAC at the University of Saskatchewan (Interprofessional Education Advisory Committee). I have recently been nominated to the Buffalo Circle group which is an indigenous allyship group at UoS. I have a husband, 4 grown children, 1 grandson, 1 cat and 1 cat on an extended vacation with me.

**Scot H. Simpson, BSP, PharmD, MSc**

Professor and Assistant Dean, Graduate Studies  
Faculty of Pharmacy and Pharmaceutical Sciences  
University of Alberta



I received my Bachelor of Science in Pharmacy from the University of Saskatchewan, and completed a hospital pharmacy residency at the Regina General Hospital. Following this, I worked as a staff pharmacist at the Yorkton Regional Hospital in Yorkton, Saskatchewan for three years. I then returned to school and completed a Doctor of Pharmacy degree at the University of Toronto, and a post-doctoral fellowship and Master of Science degree with Dr. Ross Tsuyuki at the University of Alberta.

In 2004, I joined the Faculty of Pharmacy and Pharmaceutical Sciences, University of Alberta as a tenure-track Assistant Professor. I served on our Faculty's Graduate Studies Committee for several years and became the Director of Pharmacy Practice Graduate Education & Research in 2011. In September 2013, I accepted an invitation to become the Associate Dean, Research and Graduate Studies. Under this administrative portfolio, I was responsible for coordinating our graduate program and managing key aspects of the Faculty's activities related to research until March 2019. This administrative portfolio was recently split and I now focus my attention on the Faculty's graduate studies program. In this role, I have the privilege of working with representatives from across our faculty, graduate students and administration to develop and implement policies and procedures that help run our graduate program.

**Sandra Jarvis-Selinger, PhD**

Professor & Associate Dean, Academic  
Faculty of Pharmaceutical Sciences  
University of British Columbia



Dr. Jarvis-Selinger is the Associate Dean, Academic in the Faculty of Pharmaceutical Sciences. She is a PhD-trained developmental psychologist and researcher in the area of Human Learning, Development and Instruction. In addition to her UBC administrative and faculty roles, she is also the educational faculty member for the American Academy of Orthopaedic Surgeons' annual course for Orthopaedic Educators and for the American Orthopaedic Association.

Dr. Jarvis-Selinger's work and scholarship focuses on educational innovation, which specifically includes: 1) developing teaching excellence, 2) curriculum design, development and evaluation, and 3) using technology to support education. Through knowledge translation, innovative pedagogical approaches and respectful research partnerships, her research addresses positive curricular change, effective lifelong learning, and supporting professional identity formation. In 2015, she was awarded the Association of Faculties of Medicine of Canada's (AFMC) award for Outstanding Contribution to Faculty Development in Canada.

**Jamie Kellar, RPh, BScHK, BScPhm, PharmD, PhD(c)**

Acting Director, PharmD Program  
Assistant Professor – Teaching Stream  
Leslie Dan Faculty of Pharmacy, University of Toronto  
President, AFPC Board of Directors



Dr. Jamie Kellar is an Assistant Professor – Teaching Stream and Acting Director of the Doctor of Pharmacy Program at the Leslie Dan Faculty of Pharmacy, University of Toronto. She received an Honors Bachelor of Science degree in Human Kinetics (BScHK) from the University of Guelph, followed by a Bachelor of Science in Pharmacy (BScPhm) and Doctor of Pharmacy (PharmD) degree, both from the University of Toronto. Currently, she is a PhD candidate in the School of Health Professions Education, Maastricht University, Netherlands, where she is using Foucauldian Critical Discourse Analysis to study Pharmacist Professional Identity. In addition to her education, she is a licenced pharmacist in Ontario. Professor Kellar's practice area is in the field of mental health.

At the Leslie Dan Faculty of Pharmacy, Jamie teaches a variety of courses including the pharmacotherapy of neuropsychiatry and a mental health and addiction elective course. She has also taught medication therapy management and health systems. Jamie is actively involved in numerous student initiatives, including serving as the Faculty Advisor for the Initiative for Mental Health Awareness in Pharmacy (IMHAP) club. In this role, Jamie provides talks on various mental health topics throughout the year and leads "Mental Health and Chill" movie nights each semester for students, faculty and staff. The movie nights screen films and documentaries on mental health topics and are followed by a facilitated discussion. The sessions aim to increase dialogue and reduce stigma associated with mental illness.

# Post-CPERC Indigenization Symposium

## Truth and Reconciliation in Canadian Pharmacy Education

June 13 (evening) & June 14 (morning) (additional registration required)

Rutherford

### SYMPOSIUM DESCRIPTION:

This event is hosted by AFPC's Truth & Reconciliation Special Interest Group. This symposium is an informative, hands-on symposium that will not only inspire you but give you practical tools to help you Indigenize your curriculum. You will:

- Engage in steps for reconciliation by listening to Indigenous elders and knowledge-keepers
- Learn from healthcare practitioners and educators willing to share the lessons they have learned on their Indigenization journey
- Understand what it means to be a valued Indigenous ally
- Be invited to participate in an authentic ceremony
- Brainstorm with your colleagues across the country as we work together to create national and faculty-specific initiatives that respond to the Truth and Reconciliation Commission's Calls to Action
- Receive a toolkit with learning guides, implementation options and other useful resources.

Whether you're just getting started or have already made significant progress, this session will energize and inform your Indigenization efforts.

### SYMPOSIUM PROGRAM:

Thursday Evening Session  
June 13, 5 pm to 9 pm

Rutherford

### Confronting our Truth with a Blanket Exercise

#### What? – Blanket Exercise

- This 90-minute active learning exercise frames Canada's history from an Indigenous perspective. As land and rights are stripped away through legislation and treaties, the impact on Indigenous peoples is the devastating truth we face today. A talking circle follows where participants share their reflections on the exercise, what they learned and how it affected them.

#### What's in it for Participants?

- Participants will physically be part of a history lesson, as the experiences of Indigenous people are acted out. First-timers are often shocked as a brutal history unfolds. While saddened and often angered about what they did not know and were not taught, they are also energized to make change and move forward in truth and reconciliation.
- Each experience is authentic and unique. Something new is always gleaned and the richest learning often comes in the talking circle and reflection. The insights others share enlighten one's own, renewing energy and restoring resolve. Our leader has been facilitating exercises for more than 10 years and encourages those who have attended an activity such as this before to join us again, to learn from peers and to share new learning.

## ReconciliACTION: Tools for Indigenizing

### What?

- Ceremony and opening remarks by Elder Gilman Cardinal
- **Dr. Cindy Blackstock sets the stage, sharing wisdom about Indigenous children and youth**
  - Dr. Blackstock is a member of the Gitksan First Nation with more than 25 years of social work experience. As a result of her work as a tireless advocate for the rights of Indigenous children and youth, she has received numerous national and international honours, including the Amnesty International Ambassador of Conscience Award and the Canadian Labour Congress' Award for Outstanding Service to Humanity. She worked with other Indigenous leaders in developing the United Nations' General Comment on the Rights of Indigenous children. Dr. Blackstock is currently a professor at McGill University and the Executive Director First Nations Child and Family Caring Society. (<https://fncaringsociety.com/>)
- **Becoming an ally**
  - Dr. Jill Konkin is the Associate Dean of Community Engagement at the Faculty of Medicine and Dentistry, University of Alberta. She will be sharing insights regarding her experience as an ally, and her leadership in Medicine to enhance education and student attitudes.
  - Dr. Yvonne Shevchuk will also share her story of allyship and highlight the University of Saskatchewan's Buffalo Circle program to acknowledge allies.
  - Perspective on what it means to be a good ally and how to cultivate and nurture allyship at your institution.
- **How to talk about traditional healing to students immersed in evidence-based medicine.**
- **Resource guide with how-to-use hints.**

### What's in it for participants?

- The focus here is on practical tips and considerations whether you are just starting, or well on your way.

## PHARMACY EDUCATION

- PE01 The importance of experiential education facilitators to institutional pharmacy practicum sites in British Columbia: assessment
- PE02 AFPC's response to the Joint Statement of Action to Address the Opioid Crisis in Canada
- PE03 Healthcare student competence and confidence with prescribing: a cross-sectional study
- PE04 Pharmacist and physician competence and confidence with prescribing: a scoping review
- PE05 Special populations - a proposed framework incorporating pediatrics and geriatrics
- PE06 Curriculum mapping: implementation and acceptability of a curriculum mapping tool
- PE07 Curriculum mapping: representation of interprofessional education in pharmacy and physical education
- PE08 A call to act: Indigenization of pharmacy programs
- PE09 Lessons learned by sabbatical
- PE10 Partners in pharmacy: an intraprofessional OSCE with pharmacy and pharmacy technician students
- PE11 The value of peer assessment in the education of healthcare professionals
- PE12 Tools utilized to measure characteristics associated with pharmacist success in students of health profession programs
- PE13 Distributed preceptor development and self-efficacy
- PE14 The use of on-line video capture interviews for admissions at the University of Alberta
- PE15 Design and implementation of a writing-intensive course in a Canadian accredited Middle Eastern pharmacy program
- PE16 Students' satisfaction of an academic coach program
- PE17 Evaluation of peer tutoring at Université de Montréal
- PE18 Refocusing the grading system of an assessment-intensive programme on competencies
- PE19 Implementing and evaluating a train-the-educator program for pharmacy practice educators
- PE20 Development of a housing and regional information resource to support students relocating for pharmacy practicums
- PE21 Implementing a personal health record at the UBC Pharmacists' Clinic - a narrative review of the pragmatics
- PE22 Preparing students for tomorrow's practice - exploring pharmacy and technician students' digital health literacy and impact on curricula
- PE23 Evaluation of the course "writing a scientific paper" in the master's program in advanced pharmacotherapy
- PE24 Ethical issues in the entry-level Doctor of Pharmacy degree
- PE25 Preceptor experiences with novel student-preceptor models in pharmacy education: a qualitative analysis
- PE26 Novel student-preceptor models in pharmacy education: a qualitative analysis of the PharmD student experience
- PE27 Use of virtual interactive cases in a 2nd year pharmacy skills lab
- PE28 Connecting a simulated virtual patient program with real-life clinical placements: perspectives from year 3 students at UBC
- PE29 Experiential opportunity: student intra-professionalism and mentoring in a community practice placement site
- PE30 Pharmacy curriculum in Newfoundland and Labrador: 1971-2016
- PE31 Development, implementation and evaluation of videos for modelling pharmacists' consultation skills
- PE32 Clinical simulation pilot project for fourth year pharmacy students at the Université de Montréal
- PE33 Nonprescription medications and minor ailment education across North American pharmacy schools
- PE34 Admissions variables as predictors of academic performance in a post-baccalaureate Doctor of Pharmacy program
- PE35 Teaching pharmacy students to prescribe: evaluating the relationship between motivation, student engagement and self-efficacy during an innovative lab activity



- PE36 Pharmacy prerequisites associated with interactive and non-interactive OSCE performance
- PE37 Exploring students' experience of learning during practicum
- PE38 Service learning and AFPC competencies: assessment of a course revision
- PE39 Implementation and evaluation of immersions for year one PharmD students at the University of Saskatchewan
- PE40 The SIMpathetic program: implementing simulation stethoscopes in an E2P PharmD program at the University of British Columbia
- PE41 Engagement of pharmacy students in practice based research
- PE42 Putting the pieces together - implementation of a jigsaw classroom to teach pharmacy students
- PE43 Implementation of an academic teaching practicum for program year 4 entry-to-practice PharmD students
- PE44 The evolution of a national online educational resource for informatics
- PE45 Pill counter, businessperson or health care provider? A discourse analysis of professional identity in pharmacy education
- PE46 Pharmacy student and patient educator perceptions on a patient-centred care activity in a lecture theatre

## PHARMACY PRACTICE

- PP01 Indigenous community-driven clinical pharmacists' services
- PP02 Pharmacists perceptions towards their preparedness to participate in medical assistance in dying
- PP03 Formation of a collaborative interprofessional primary health care deprescribing research team in Nova Scotia
- PP04 Successful implementation of clinical pharmacy services: lessons from the field
- PP05 Implementation of pharmacist care planning services in Alberta: a step in the right direction?
- PP06 Using a patient panel approach to identify patients for pharmacist referral and the impact of pharmacist intervention on the management of uncontrolled type 2 diabetes
- PP07 Impact of collaboration between the UBC Pharmacists Clinic and a neurologist in the management of headache patients
- PP08 Patient experiences and perceptions of a university affiliated pharmacist-led clinic
- PP09 Understanding the efficacy and safety of cannabis use in women's health: a scoping review
- PP10 What characteristics are associated with success in healthcare practitioners? A scoping review
- PP11 Quantitative exploration of atrial fibrillation patients' knowledge gaps: a systematic review and meta-analysis
- PP12 Assessment of atrial fibrillation patients' education needs from patient and clinician perspectives: a qualitative descriptive study
- PP13 Persistence of use of pharmaceutical cannabinoid agents in Manitoba, Canada: a population-based cohort study

## PHARMACEUTICAL SCIENCE

- PS01 Predictability of capillary blood spot toward venous whole blood sampling for therapeutic drug monitoring of tacrolimus in solid organ transplant recipients
- PS02 Guiding therapy for BRAF/MEK inhibitor combinations for BRAF mutated melanoma
- PS03 Early childhood antibiotic use and autism spectrum disorders: a population-based cohort study
- PS04 Regulation of cardiac automaticity by 17 $\beta$ -estradiol during pregnancy
- PS05 New evidence on the kinetic solubility profiles of indomethacin amorphous solid dispersions in water-insoluble hydrogel carriers
- PS06 Commercially available North American phenytoin formulations and possible excipient interactions and food effects

# AFPC 2019 Award Winners

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

## STUDENT AWARDS

### **AFPC / Merck Canada Inc. Postgraduate Pharmacy Fellowship Award**

Courtney Lawrence, University of Manitoba

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

Shahrazad Salmasi, University of British Columbia

### **AFPC / Council for Continuing Pharmaceutical Education Graduate Student Research Award**

Amani Hamad, University of Manitoba

### **AFPC / Council for Continuing Pharmaceutical Education Student Research Poster Awards**

Valérie Long, Université de Montréal

Giovanna Madeiros Schver, University of Toronto

Wajd Alkabanni, University of Manitoba

### **AFPC Whit Matthews Graduate & Undergraduate Student Poster Awards**

Sponsored by the Council for Continuing Pharmaceutical Education

(Posters to be judged at CPERC)

## FACULTY AWARDS

### **AFPC New Investigator Research Award**

Mary De Vera, University of British Columbia

### **AFPC / Pfizer Research Career Award**

Ping Lee, University of Toronto

### **AFPC / Janssen Award for Innovation in Education**

Marie Rocchi, University of Toronto

### **AFPC National Award for Excellence in Education**

Jamie Kellar, University of Toronto

### **AFPC Honoured Life Membership**

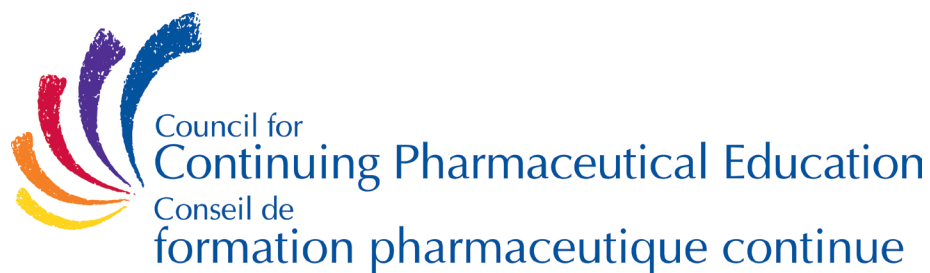
Jean Lefebvre, Université Laval

### **AFPC Past President Award**

Jamie Kellar, University of Toronto



## 2019 Award Sponsors





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Association des facultés  
de pharmacie du Canada

# CPERC 2020

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