



**Association of Faculties  
of Pharmacy of Canada**

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**Association des facultés  
de pharmacie du Canada**

**8<sup>th</sup> Annual Canadian Pharmacy Education & Research Conference**  
**74<sup>th</sup> AFPC Annual General Meeting**

**June 5-6, 2017**  
**Québec City**





## TABLE OF CONTENTS

1	Welcome from Ann Thompson President, AFPC Board of Directors Clinical Associate Professor and Director, Experiential Education Faculty of Pharmacy and Pharmaceutical Sciences University of Alberta
3	AFPC Board of Directors
4	AFPC Council of Deans
5	AFPC Council of Faculties
6	CPERC Program-At-A-Glance
8	CPERC Session Information
16	2017 AFPC Award Recipients
25	AFPC Award Sponsors
26	AFPC Poster Listings
31	AFPC Website Links



## WELCOME



### **Welcome From Ann Thompson**

President, AFPC Board of Directors

Clinical Associate Professor and Director, Experiential Education

Faculty of Pharmacy and Pharmaceutical Sciences

University of Alberta

As President of the Association of Faculties of Pharmacy of Canada for 2016-2017, it gives me great pleasure to welcome you to historic Quebec City for the 8<sup>th</sup> annual Canadian Pharmacy Education and Research Conference (CPERC) and AFPC's 74<sup>th</sup> Annual General Meeting.

This year we are pleased to partner with CPhA for the Canadian Pharmacists Conference from June 2-6, 2017. The theme is Building on Yesterday – Caring for Tomorrow. Over 700 pharmacists, faculty members, students and pharmacy stakeholders will be in Quebec City to discuss key issues and discover the latest in pharmacy practice research, therapeutics and pharmacy education. This five-day conference allows AFPC delegates to attend more sessions and provides an opportunity for faculty members to network with a larger group of colleagues.

Joint sessions with CPhA run until lunch on Monday June 5 with Dr. B. J. Miller as a keynote speaker. AFPC-only sessions then start at 2:30 pm and run all day Tuesday. We will kick off CPERC with a panel on education scholarship, followed by roundtable sessions on current topics in pharmacy education and poster viewing. The next day starts with a presentation on the revised AFPC Educational Outcomes 2017, followed by education sessions by our Special Interest Groups (SIGs). The afternoon will have two streams of oral concurrent sessions, with a closing plenary on indigenizing the curriculum in pharmacy faculties. Be sure to spend time during breaks and lunch viewing the posters – we have 72 posters presented by faculty and students under the themes of pharmacy education, pharmacy practice and pharmaceutical sciences. Check out the conference mobile app and AFPC website for the abstracts.

I look forward to seeing you at the AFPC Awards Banquet on Monday evening as we celebrate our student and faculty winners. The evening is hosted by Dr. Tannis Jurgens, Dalhousie University, Chair of the Awards Committee – many thanks to the committee and the reviewers of the nominations. Dr. Jean Lefebvre, Dean of the Faculty of Pharmacy at Université Laval, will present on the 400<sup>th</sup> anniversary of Louis Hebert, Canada's first apothecary. A huge thank you to our award sponsors – Merck Canada Inc., Pfizer Canada Inc., Janssen Inc., the Pharmacy Examining Board of Canada and Canadian Foundation for Pharmacy – your generous support makes our awards program possible!

This year's conference program was planned by the AFPC Education Committee, chaired by Dr. Jamie Kellar, University of Toronto. The Research Committee, chaired by Dr. I fan Kuo, University of Manitoba, reviewed the 85 abstracts that were submitted for poster presentations and oral concurrent sessions, and are judging the student posters. The tremendous work of both these committees has made CPERC 2017 possible – thank you!



## WELCOME

On behalf of the AFPC Board of Directors, Council of Faculties and Council of Deans, I hope you learn lots at the engaging sessions we have planned, enjoy networking with your pharmacy colleagues, and celebrate the excellent work that we are all doing in advancing pharmacy education, research and practice.

Sincerely,

Ann Thompson, BScPharm, PharmD, ACPR



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Vancouver, BC



## 2016-2017 AFPC COUNCIL OF FACULTIES

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St. John's, NL

#### **I fan Kuo**

College of Pharmacy, Faculty of Health Sciences  
University of Manitoba  
Winnipeg, MB

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Université Laval  
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College of Pharmacy and Nutrition  
University of Saskatchewan  
Saskatoon, SK

#### **Patricia Gerber**

Faculty of Pharmaceutical Sciences  
The University of British Columbia  
Vancouver, BC



## 2017 AFPC CANADIAN PHARMACY EDUCATION & RESEARCH CONFERENCE CPERC PROGRAM-AT-A-GLANCE

### MONDAY, JUNE 5, 2017

(Joint with CPhA until 1430)

- 0845 – 0945 **CPhA-AFPC Concurrent Sessions** – *Quebec City Convention Centre (QCCC)*  
 1000 – 1100 Stream 1: Therapeutics – *Room 204 AB*  
 Stream 2: Pharmacy Practice & Business – *Room 205 AB*  
 Stream 3: Research & Knowledge Sharing – *Room 202*
- 1115 – 1215 **AFPC Annual Business Meeting & Townhall** – *Room 203, QCCC*
- 1230 – 1430 **Lunch & Keynote Speaker: Dr. B.J. Miller** – *Room 200A, QCCC*
- 1430 – 1445 **Coffee Break & AFPC Poster Viewing** – *Jonquière/Lauzon Room, Delta*
- 1445 – 1545 **AFPC Opening Plenary: Education Scholarship Panel** – *Jonquière/Lauzon Room, Delta*  
*Panelists:*  
 Dr. Simon Albon, The University of British Columbia  
 Dr. David Edwards, University of Waterloo  
 Dr. Beverly FitzPatrick, Memorial University of Newfoundland  
 Dr. Jamie Kellar, University of Toronto
- 1545 – 1715 **Roundtable Sessions: Current Topics in Pharmacy Education** – *Jonquière/Lauzon Room, Delta*
- |                              |                                      |
|------------------------------|--------------------------------------|
| 1. Professionalism           | 5. Program Evaluation                |
| 2. Education Scholarship     | 6. Assessment                        |
| 3. Basic Science Integration | 7. Innovations in Teaching           |
| 4. Faculty Development       | 8. Supporting Students (remediation) |
- 1715 – 1800 **AFPC Poster Viewing** – *Jonquière/Lauzon Room, Delta*
- 1845 – 2200 **AFPC Awards Reception & Banquet** – *Villeray/De Tourny Room, Hilton*

### TUESDAY, JUNE 6, 2017

- 0700 – 0800 **Buffet Breakfast & AFPC Poster Viewing** – *Jonquière/Lauzon Room, Delta*
- 0800 – 0930 **Plenary: AFPC Educational Outcomes 2017: A Conceptual Shift** – *Jonquière/Lauzon Room, Delta*  
*Presenters:*  
 Dr. Jamie Kellar, University of Toronto  
 Dr. Donna Woloschuk, Calgary, AB
- 0930 – 1000 **Coffee Break & AFPC Poster Viewing** – *Jonquière/Lauzon Room, Delta*





1000 – 1100 **SIG Education Sessions**

Informatics – *Crémazie/Garneau Room, Delta*

PEP-C Experiential Education – *Wolfe/Montcalm Room, Delta*

1100 – 1200 **SIG Education Sessions**

Skills Lab – *Crémazie/Garneau Room, Delta*

Assessment & Evaluation – *Wolfe/Montcalm Room, Delta*

1200 – 1300 **Buffet Lunch & AFPC Poster Viewing** – *Jonquière/Lauzon Room, Delta*

1300 – 1500 **Concurrent Sessions: Oral Presentations**

**Stream One: Simulation – Skills Labs – Peer Teaching – Mentoring**

*Crémazie/Garneau Room, Delta*

1. A Blended Learning Instructional Design Model for Developing Patient Care Skills in a Second Year Skills Lab
2. Value-Reasoning: a Case Study in Pharmacy Education
3. Development and Evaluation of a Mental Health First Aid and Cognitive Impairment Simulated Patient Lab
4. Development and Implementation of an Interprofessional Simulation Experience with Pharmacy and Nursing: Challenges and Successes
5. Simulation-based Education: Crisis Resource Management in Pharmacy Education
6. A Near-Peer Mentor Activity: Change in First-Year Students' Perceptions of Professionalism

**Stream Two: Evaluation – Assessment – Prior Learning – Experiential**

*Wolfe/Montcalm Room, Delta*

1. Conducting a Needs Assessment for the Preceptor Development Program at the Leslie Dan Faculty of Pharmacy
2. Revaluing and Redefining Grades: Sharing the Process of Constructing Staged Pharmacy Learning Community Commitments Inclusive of Competency Based Assessment and Competency Based Decision Making
3. Strategies for Facilitating the Adoption of Peer Assisted Learning, a Non-Traditional Preceptorship Model, in Institutional Settings
4. Use of Recognition of Prior Learning (RPL) in a PharmD bridging program
5. Current Landscape of Non-Direct Patient Care Rotations in Canadian Pharmacy Schools
6. Pharmaceutical Calculations: Diagnosing At-Risk Students is Like Finding a Needle in a Haystack

1500 – 1530 **Coffee Break** – *Jonquière/Lauzon Room, Delta*

1530 – 1700 **AFPC Closing Plenary:**

**Indigenizing the Curriculum in Canadian Pharmacy Faculties** – *Jonquière/Lauzon Room, Delta*

*Presenters:*

Dr. Lisa Richardson, University of Toronto

Dr. Jaris Swidrovich, University of Saskatchewan



## CPERC SESSION INFORMATION

**MONDAY, JUNE 5, 2017**

### CPHA-AFPC Concurrent Sessions

0845 – 0945

Stream 1: Therapeutics

**Managing depression and bipolar disorder in pregnancy: the role of the pharmacist**

*Presenter: Dr. Jamie Kellar, Assistant Professor, Leslie Dan Faculty of Pharmacy, University of Toronto*

Stream 2: Pharmacy Practice & Business

**Current considerations in reproductive health: questions and answers for the pharmacist**

*Presenters: Dr. Judith Soon, Assistant Professor, Faculty of Pharmaceutical Sciences, The University of British Columbia; Dr. Nese Yuksel, Associate Professor, Faculty of Pharmacy and Pharmaceutical Sciences, University of Alberta*

Stream 3: Research & Knowledge Sharing

**Roles and impact of pharmacy: being aware of published evidence**

*Presenter: Dr. Jean-François Bussières, Full Clinical Professor, Faculty of Pharmacy, University of Montreal*

1000 – 1100

Stream 1: Therapeutics

**Antimicrobial stewardship: a call to action for community pharmacists**

*Presenters: Dr. Andrew Morris, Medical Director, Antimicrobial Stewardship Program, University Health Network, Toronto; Dr. Suzanne Singh, Adjunct Lecturer, Leslie Dan Faculty of Pharmacy, University of Toronto, Mount Sinai Academic Family Health Team*

Stream 2: Pharmacy Practice & Business

**Pharmaceutical care opportunities for individuals with mental illness**

*Presenter: Dr. Jamie Kellar, Assistant Professor, Leslie Dan Faculty of Pharmacy, University of Toronto*

Stream 3: Research & Knowledge Sharing

**Pharmacy workforce: what we know, what we don't know, and what we need to know**

*Presenters: Dr. Shelita Dattani, Associate Director, Professional Development, Canadian Pharmacists Association; Dr. Harold Lopatka, Consultant, Edmonton AB; Dr. Susan Mansour, Director and Associate Professor, College of Pharmacy, and Assistant Dean, Faculty of Health Professions, Dalhousie University*



## CPERC SESSION INFORMATION

**MONDAY, JUNE 5, 2017**

1115 – 1215

### **AFPC Annual Business Meeting and Townhall**

*Facilitators: Dr. Ann Thompson, AFPC 2016-17 President, Clinical Associate Professor and Director, Experiential Education, Faculty of Pharmacy and Pharmaceutical Sciences, University of Alberta; Ms. Janet Cooper, AFPC Executive Director*

1230 – 1430

### **Lunch & Keynote Speaker – Dr. B. J. Miller**

1445 – 1545

### **AFPC Opening Plenary: Education Scholarship – a Vision for Canadian Pharmacy**

Session overview: This dynamic plenary on Education Scholarship will open our annual AFPC 2017 Conference. The session consists of a four-member panel, representing diverse views on the importance and current state of education scholarship in Canadian Faculties of Pharmacy. Each panelist will present their vision of education scholarship, noting some key opportunities and challenges. The session will end with a large group discussion focusing on key conditions necessary to foster continued growth and recognition of this area of scholarly work in our schools.

*Presenters:*

*Simon Albon, PhD*

*Professor of Teaching, Director, Office of Educational Support and Development  
Faculty of Pharmaceutical Sciences  
The University of British Columbia*

*David Edwards, BScPhm, PharmD, MPH*

*Hallman Director and Professor, School of Pharmacy  
Associate Dean, Faculty of Science  
University of Waterloo*

*Beverly FitzPatrick, BAEd, BSpEd, MEd, PhD*

*Assistant professor – Education, Assessment, Program Evaluation  
School of Pharmacy, Memorial University*

*Jamie Kellar, RPh, BSc.HK, BSc.Pharm, Pharm.D*

*Assistant Professor – Teaching Stream  
Leslie Dan Faculty of Pharmacy, University of Toronto*



## CPERC SESSION INFORMATION

**MONDAY, JUNE 5, 2017**

### AFPC Roundtable Sessions

1545 – 1715

#### **Roundtable Sessions: Current Topics in Pharmacy Education**

##### **Table #1: Professionalism**

*Facilitators: Dr. Patricia Gerber, Associate Professor; Director, Doctor of Pharmacy (Graduate) Program, Faculty of Pharmaceutical Sciences, The University of British Columbia; Ms. Kim Sponagle, Administrator, Skills Lab & Coordinator Skills Lab III, Associate Director, Student Affairs, College of Pharmacy, Dalhousie University*

##### **Table #2: Education Scholarship**

*Facilitators: Dr. Simon Albon, Professor of Teaching, Director, Office of Educational Support and Development, Faculty of Pharmaceutical Sciences, The University of British Columbia; Dr. Gilles Leclerc, Conseiller en évaluation et en intégration techno-pédagogique, Faculté de pharmacie, Université de Montréal*

##### **Table #3: Basic Science Integration**

*Facilitator: Dr. Ed Krol, Associate Professor, College of Pharmacy & Nutrition, University of Saskatchewan*

##### **Table #4: Faculty Development**

*Facilitator: Dr. Ingrid Price, Senior Instructor, Faculty of Pharmaceutical Sciences, The University of British Columbia*

##### **Table #5: Program Evaluation**

*Facilitator: Dr. Ken Cor, Clinical Research Associate Professor, Assistant Dean, Assessment and Accreditation, Faculty of Pharmacy and Pharmaceutical Sciences, Associate Director, Assessment, Centre for Teaching and Learning, University of Alberta*

##### **Table #6: Assessment**

*Facilitators: Dr. Andrea Edginton, Associate Professor, Programmatic Assessment Officer, School of Pharmacy, University of Waterloo; Dr. Anne Marie Whelan, Professor and Associate Director, Program Evaluation, College of Pharmacy, Dalhousie University*



## CPERC SESSION INFORMATION

**MONDAY, JUNE 5, 2017**

### **Table #7: Innovations in Teaching**

*Facilitator: Dr. Cheryl Sadowski, Professor, Faculty of Pharmacy and Pharmaceutical Sciences, University of Alberta*

### **Table #8: Supporting Students (remediation)**

*Facilitators: Dr. Jamie Kellar, Assistant Professor – Teaching Stream, Leslie Dan Faculty of Pharmacy, University of Toronto; Dr. Doret Cheng, Lecturer, Experiential Education Coordinator, Leslie Dan Faculty of Pharmacy, University of Toronto*

1715 – 1800

### **AFPC Poster Viewing**

See AFPC website for listing and abstracts for [AFPC CPERC 2017 Posters](#).



## CPERC SESSION INFORMATION

**TUESDAY, JUNE 6, 2017**

0800 – 0930

### **Plenary Workshop: AFPC Educational Outcomes 2017 – a Conceptual Shift**

Session overview: This workshop provides information and opportunity to discuss impending changes to the AFPC Educational Outcomes. By the end of this presentation, participants will understand why the outcomes are changing and how the AFPC Educational Outcomes 2017 (EO2017) were created. Participants will also recognize differences between EO2017 and the educational outcomes currently in place (EO2010), discuss how EO2017 might affect pharmacy programs and faculty, and learn about resources to help programs make changes to align with EO2017.

*Presenters:*

*Donna M.M. Woloschuk, BSP, PharmD, M.Ed(Distance), FCSHP  
Pharmacy and Education Consultant, Calgary, AB*

*Jamie Kellar, RPh, BSc.HK, BSc.PhM, Pharm.D*

*Assistant Professor – Teaching Stream*

*Leslie Dan Faculty of Pharmacy, University of Toronto*

## **AFPC SIG Concurrent Sessions**

1000 – 1100

Concurrent Education Session #1

### **Informatics SIG: Next Steps in Teaching Pharmacy Informatics: Are You Ready?**

Session overview: This presentation will offer guidance and suggestions on how pharmacy educators can prepare students for technology-enabled practice. An update on the initiatives of the AFPC/Infoway informatics pharmacy educator network, an overview of the revisions made to the Informatics for Pharmacy Students eResource, a summary of the informatics curriculum mapping project, and the next steps for the network will be discussed. Canada Health Infoway will also provide an update about how we can prepare pharmacy students for ePrescribing.

*Presenters: Dr. Lisa Bishop, Associate Professor, School of Pharmacy, Memorial University of Newfoundland; Ms. Marie Rocchi, Associate Professor, Teaching Stream, Leslie Dan Faculty of Pharmacy, University of Toronto; Ms. Seema Nayani, Pharmacist Leader, Canada Health Infoway*



## CPERC SESSION INFORMATION

**TUESDAY, JUNE 6, 2017**

1000 – 1100

Concurrent Education Session #2

### **PEP-C Experiential Education SIG: A Collaborative Assessment Project between Pharmacy Programs in Ontario**

*Presenters: Ms. Annie Lee, Associate Professor, Teaching Stream, Leslie Dan Faculty of Pharmacy, University of Toronto; Ms. Diana Spizzirri, Registration Lead – Jurisprudence, Ontario College of Pharmacists*

1100 – 1200

Concurrent Education Session #1

### **Skills Lab SIG: Students Helping Students: Intra-professional Collaboration across Pharmacy Schools through Video-Conferencing**

*Presenters: Dr. Theresa Charrois, Clinical Associate Professor, Faculty of Pharmacy and Pharmaceutical Sciences, University of Alberta; Dr. Sherilyn Houle, Assistant Professor, School of Pharmacy, University of Waterloo*

### **Skills Lab SIG: Getting Ahead of the Opioid Crisis: Designing a Last-minute Naloxone Workshop for a Senior Practice Lab**

*Presenter: Dr. Kelly Grindrod, Assistant Professor, School of Pharmacy, University of Waterloo*

1100 – 1200

Concurrent Education Session #2

### **Assessment and Evaluation SIGs: Currents Issues in Educational Assessment of Pharmacy Students**

Session overview: This presentation will provide an overview of this year's seminar presentations and of the conversations and issues they have raised. Seminar presenters are invited to join the presenters and provide a one-slide overview of their seminar.

*Presenters: Dr. Ken Cor, Clinical Research Associate Professor, Assistant Dean, Assessment and Accreditation, Faculty of Pharmacy and Pharmaceutical Sciences, University of Alberta; Dr. Gilles Leclerc, Conseiller en évaluation et en intégration techno-pédagogique, Faculté de pharmacie, Université de Montréal*

### **Assessment and Evaluation SIGs: AFPC National Exit Survey Update**

Session overview: This presentation will provide an overview of this year process and results. Proposals in order to assure continuation of the National Exit Survey will be presented and discussed.

*Presenter: Dr. Ken Cor, Clinical Research Associate Professor, Assistant Dean, Assessment and Accreditation, Faculty of Pharmacy and Pharmaceutical Sciences, University of Alberta*



## CPERC SESSION INFORMATION

**TUESDAY, JUNE 6, 2017**

### AFPC Concurrent Sessions

1300 – 1500

#### **Concurrent Sessions: Oral Presentations**

##### **Stream One: Simulation – Skills Labs – Peer Teaching – Mentoring**

1. A Blended Learning Instructional Design Model for Developing Patient Care Skills in a Second Year Skills Lab  
*Natalie R. Kennie-Kaulbach, College of Pharmacy, Dalhousie University, Halifax Nova Scotia*
2. Value-Reasoning: a Case Study in Pharmacy Education  
*Gilles Leclerc, Faculté de pharmacie, Université de Montréal*
3. Development and Evaluation of a Mental Health First Aid and Cognitive Impairment Simulated Patient Lab  
*Kimberly Sponagle, College of Pharmacy, Faculty of Health Professions, Dalhousie University*
4. Development and Implementation of an Interprofessional Simulation Experience with Pharmacy and Nursing: Challenges and Successes  
*Cheryl Sadowski, Faculty of Pharmacy & Pharmaceutical Sciences, University of Alberta*
5. Simulation-based Education: Crisis Resource Management in Pharmacy Education  
*Marie-Laurence Tremblay, Faculté de pharmacie, Université Laval*
6. A Near-Peer Mentor Activity: Change in First-Year Students' Perceptions of Professionalism  
*Ravina Sanghera, Faculty of Pharmacy and Pharmaceutical Sciences, University of Alberta*

1300 – 1500

#### **Concurrent Sessions: Oral Presentations**

##### **Stream Two: Evaluation – Assessment – Prior Learning – Experiential**

1. Conducting a Needs Assessment for the Preceptor Development Program at the Leslie Dan Faculty of Pharmacy  
*Artemis Diamantouros, Leslie Dan Faculty of Pharmacy, University of Toronto*





## CPERC SESSION INFORMATION

**TUESDAY, JUNE 6, 2017**

2. Revaluating and Redefining Grades: Sharing the Process of Constructing Staged Pharmacy Learning Community Commitments Inclusive of Competency Based Assessment and Competency Based Decision Making  
*Kevin L. Riffel, College of Pharmacy & Nutrition, University of Saskatchewan*
3. Strategies for Facilitating the Adoption of Peer Assisted Learning, a Non-Traditional Preceptorship Model, in Institutional Settings  
*Ann Thompson, Faculty of Pharmacy and Pharmaceutical Sciences, University of Alberta*
4. Use of Recognition of Prior Learning (RPL) in a PharmD bridging program  
*Rosemary Killeen, School of Pharmacy, University of Waterloo*
5. Current Landscape of Non-Direct Patient Care Rotations in Canadian Pharmacy Schools  
*Certina Ho, Leslie Dan Faculty of Pharmacy, University of Toronto*
6. Pharmaceutical Calculations: Diagnosing At-Risk Students is Like Finding a Needle in a Haystack  
*Florian Bernard, Faculté de pharmacie, Université de Montréal*

1530 – 1700

### **AFPC Closing Plenary: Indigenous Health and Reconciliation in Pharmacy Education**

*Presenters:*

*Lisa Richardson, MD, MA, FRCPC  
Assistant Professor of Medicine  
University of Toronto*

*Jaris Swidrovich, BSP, PharmD  
Lecturer in Pharmacy  
College of Pharmacy & Nutrition  
University of Saskatchewan*

**NOTE: Details for AFPC 2017 CPERC [Poster Abstracts](#), [Oral Presentation Abstracts](#) and [Roundtable Discussions](#) are posted on the AFPC Website.**



## 2017 AFPC AWARD RECIPIENTS

### UNDERGRADUATE / GRADUATE STUDENT AWARDS



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

***Ms. Alison Jee***

*University of Toronto*

Ms. Alison Jee completed her B.Sc. in Pharmacy at Dalhousie University in 2016 and practiced briefly as a community pharmacist before commencing her graduate studies. Alison is currently completing the first year of her Ph.D. in Pharmacology and Toxicology at the University of Toronto under the supervision of Dr. Jack Uetrecht. Her research interests focus on characterising the immune response to drugs that cause idiosyncratic drug reactions; specifically, determining whether most patients have an initial, subclinical elevation in inflammatory markers that resolves without further intervention by immune tolerance.



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

***Ms. Ida-Maisie Famiyeh***

*University of Toronto*

Ms. Ida-Maisie Famiyeh graduated in 2014 with a Bachelor of Science in Pharmacy degree at the Leslie Dan Faculty of Pharmacy, University of Toronto. In July 2014, she was accepted as a combined residency/MSc. degree student at Women's College Hospital, in partnership with the department of Pharmaceutical Sciences at the University of Toronto. She finished her residency in 2015 and is in the process of completing her MSc. in Pharmaceutical Sciences degree. She is also currently working as a clinical pharmacist at Women's College Hospital. Her graduate research focuses on the views of the public regarding pharmacist prescribing, contributing to international efforts to evaluate and potentially extend pharmacist prescribing services. During her first year as a graduate student, Ms. Famiyeh's work, "Pharmacist prescribing: A scoping review about the views and experiences of patients and the public", was published in a peer-reviewed journal. Her published research shares commonalities amongst the international experiences with pharmacist prescribing services and also uncovers gaps in existing knowledge within international literature on the topic. She is presently conducting research to determine the Ontario public's views and willingness to use community pharmacists' prescribing services.



## 2017 AFPC AWARD RECIPIENTS

### UNDERGRADUATE / GRADUATE STUDENT AWARDS



#### **AFPC Graduate Student Research Award**

***Ms. Marine Tournissac***  
*Université Laval*

Ms. Marine Tournissac has been a Ph.D. student in the laboratory of Dr. Frédéric Calon since 2014. She completed a bachelor's degree in biology at the University of Bordeaux in France. She then went on to complete her master's degree at Laval University in Québec with Dr. Frédéric Calon, where she studied the link between thermogenesis and Alzheimer's disease. Her first paper evidenced that old age increased cold-induced tau phosphorylation, a neuropathological marker of Alzheimer's disease. Ms. Tournissac is now pursuing her Ph.D. on a project that aims to target thermogenesis pharmacologically to treat Alzheimer's disease. She is supported by a scholarship from the Alzheimer Society of Canada. Ms. Tournissac is also highly involved in her faculty of pharmacy; she is the president of the graduate student association and represents them on several committees in the faculty.



#### **AFPC Student Research Poster Award**

***Ms. Ayah Shakshuki***  
*Dalhousie University*

Ms. Ayah Shakshuki is a second year Masters student in the Pharmaceutical Sciences program at Dalhousie University. Her supervisor is Dr. Remi Agu and her project involves investigating the systemic absorption and drug release profiles of topical amitriptyline and gabapentin in various vehicles as well as finding the stability of these products in different storage conditions. Ms. Shakshuki graduated from the Dalhousie College of Pharmacy in 2014 and practiced full-time as a community pharmacist in Wolfville, Nova Scotia for one year before switching to part-time work and attending graduate school. While working in community pharmacy, she was responsible for overseeing all areas involved with the compounding lab including developing new formulas and finding evidence for stability and efficacy as well as conducting consults with patients in the areas of hormone replacement therapy, hypothyroidism and pain management. During this time, questions she received from patients, physicians and colleagues helped create her interest in her area of research.



## 2017 AFPC AWARD RECIPIENTS

### UNDERGRADUATE / GRADUATE STUDENT AWARDS



#### **AFPC Student Research Poster Award**

***Ms. Xxx (Virginia) Yini***  
*University of Toronto*

Ms. Xxx (Virginia) Yini is currently an MSc Candidate at the Leslie Dan Faculty of Pharmacy, University of Toronto, in Dr. Robert P. Bonin's lab. She received her Bachelor of Science Honours Degree from the University of Toronto. She is currently studying the association between sensation of touch and development of social bonding in mice. This research project can potentially provide insight into therapeutic targets for individuals with aberrant social behaviors such as Autism Spectrum Disorder.



#### **AFPC Student Research Poster Award**

***Mr. Scott Unruh***  
*Memorial University of Newfoundland*

Mr. Scott Unruh completed his Bachelor of Science in Biochemistry and Analytical Chemistry at the University of Winnipeg in 2014. He is currently completing his Bachelor of Pharmacy at Memorial University of Newfoundland. His research interests include studying the neuroprotective effects of blueberries and lingonberries in treating neurodegenerative diseases. Compounds identified in these berries have been shown to modulate signal pathways involved in inflammation, neurotransmission and enhancing neuroplasticity. He continues to advance his work in determining which specific polyphenols can cross the blood-brain barrier, and which enzymes are influenced by their presence.



## 2017 AFPC AWARD RECIPIENTS

### FACULTY AWARDS



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

***Dr. Keith Pardee***

*University of Toronto*

Dr. Keith Pardee is the Canada Research Chair in Synthetic Biology and Health Human, and an Assistant Professor in the Leslie Dan Faculty of Pharmacy at the University of Toronto. He has recently developed two exciting new biotechnologies for applications in healthcare. The first is a low cost system that brings molecular diagnostics, usually limited to clinical labs, to the point-of-care and global health applications (< \$1 per test), and the second enables the manufacture of protein therapeutics (e.g. vaccines) outside of the laboratory in a system that, much like instant soup, just requires water to be added.

Ongoing efforts focus on extending the reach of these technologies to human health. This includes a funded international effort (CIHR/IDRC) to test the diagnostics platform in human and field trials in Latin America for Zika, Dengue and Chikungunya viruses. Other efforts include the development of electronic hardware to aid the practical deployment of these molecular tools to the field. Dr. Pardee holds a B.Sc. in Biology from the University of Alberta, an M.Sc. from the University of British Columbia, a Ph.D. from the University of Toronto and did a postdoctoral fellowship at the Wyss Institute, Harvard University.



## 2017 AFPC AWARD RECIPIENTS

### FACULTY AWARDS



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

***Dr. Marianna Foldvari***  
*University of Waterloo*

Dr. Marianna Foldvari is a Professor of Pharmaceutical Sciences at the University of Waterloo's School of Pharmacy. She received a BSc in Pharmacy and a Doctorate in Pharmaceutical Sciences, specializing in Pharmacognosy and Microbiology, both from Semmelweis Medical University in Budapest, Hungary and a PhD in Pharmaceutical Sciences from the College of Pharmacy at Dalhousie University in the area of targeted liposomal drug delivery systems in 1988. Between 1989-2006 she was a Faculty member at the College of Pharmacy and Nutrition, University of Saskatchewan. She held the Tier 1 Canada Research Chair in Bionanotechnology and Nanomedicine from 2007-2014.

Dr. Foldvari is an internationally recognized expert in nanomedicine. Her research program focuses on pharmaceutical nanotechnology, non-invasive drug, protein and gene delivery system design for regenerative medicine in dermatology, ophthalmology and immunology. Her contributions to the drug delivery field in the past 28 years include both basic and applied research accomplishments with a total of 230 publications, 26 patents, 110 invited conference presentations, 90 abstracts and about \$23M in grant funding. She established the first pharmaceutical company, PharmaDerm Laboratories Ltd., in the province of Saskatchewan in 1991. Her pioneering work in topical protein delivery system development led to clinical trials and is currently under commercial development. Her research is supported by grants from Canadian Institutes of Health Research (CIHR), Canada Foundation for Innovation (CFI), Natural Sciences and Engineering Research Council of Canada (NSERC), Ontario Centers of Excellence and industrial sources.

Dr. Foldvari has served on the editorial boards of several journals and serves as a grant reviewer on CIHR, NSERC, CFI and NIH panels, and the Bill and Melinda Gates Foundation Global Health Initiatives review board. She is one of the Founding Directors of the American Society for Nanomedicine (ASNM) and the International Society of Nanomedicine (ISNM). She served as a Board Member for Genome Prairie, was a Member of the Advisory Committee to the Prime Minister on Science and Technology, and is a Founder of the Canadian Society of Pharmaceutical Sciences (CSPS).



## 2017 AFPC AWARD RECIPIENTS

### FACULTY AWARDS



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

***Dr. Cheryl Sadowski***  
*University of Alberta*

Dr. Cheryl Sadowski is a Professor at the Faculty of Pharmacy & Pharmaceutical Sciences, University of Alberta. She has a clinical practice in geriatrics at the Misericordia Community Hospital Geriatric Outpatient Clinic in Edmonton. She has taught in pharmacy for 18 years, and has won the Teaching Unit Award at the University of Alberta, and also an AFPC award with a teaching team for an international course titled The Intercultural Exploration of Health and Pharmacy. She teaches in pharmacy, dentistry, nursing and rehabilitation medicine. Her area of expertise is geriatrics, and she has been responsible for developing geriatrics-related content throughout the four years of the pharmacy curriculum. She has precepted students from four different Doctor of Pharmacy programs, as well as undergraduate students and pharmacy residents in geriatrics.

Dr. Sadowski has also won the CPhA Patient Care Award for Specialty Practice in geriatrics in 2013. She has a research interest in geriatric syndromes and care, and interprofessional education. She has recently been appointed to the Interprofessional Education Collaborative Practice Research and Evaluation Committee at the University of Alberta, and has served on the Peer Teaching Review Working Group, and the Active and Collaborative Teaching Spaces Committee at the University. She also volunteer teaches ESL classes on weekends. Her passion for teaching is credited to her parents for making discovery and learning safe and fun.



## 2017 AFPC AWARD RECIPIENTS



**AFPC /PEBC Award for Excellence in Research or Innovation in Assessment of Competence**  
***Dr. Andrea Edginton & University of Waterloo Assessment Committee***  
*University of Waterloo*

Dr. Andrea Edginton is an Associate Professor and Program Assessment Officer at the School of Pharmacy at the University of Waterloo in Ontario. She is also the Chair of the University's Clinical Research Ethics Board. Dr. Edginton's research focuses on the development and application of physiologically-based pharmacokinetic (PBPK) models and simulation techniques in both the areas of pharmaceuticals and human health risk assessment. Her research examines how the physiology of sub-populations such as children and patients with disease (e.g. liver cirrhosis) affect the pharmacokinetics of drugs and how this information can be integrated into PBPK models for the optimization of drug therapy.

As the Program Assessment Officer, Dr. Edginton is responsible for student assessment and evaluation of the PharmD program. Along with the Assessment Committee, which she chairs, a mid-program minimal competency exam comprised of a multiple choice exam and a five-station OSCE was developed and delivered (2015 and 2016 thus far). The exam aims to help students gauge their understanding and application of material delivered over their first two years and aid instructors in determining if their content and teaching methods are allowing for information retention. This innovation was the basis for the presented award.





## 2017 AFPC AWARD RECIPIENTS

### SPECIAL RECOGNITION AWARDS



#### **AFPC Certificate of Appreciation**

***Dr. Rebecca Law***

*Memorial University of Newfoundland*

Dr. Rebecca Law obtained her B.Sc.Pharm. at the University of Toronto and her Pharm.D. at State University of New York at Buffalo. She has worked at St. Michael's and Women's College hospitals in Toronto and taught part-time at the University of Toronto. Since 1995, she has been teaching at Memorial University in Newfoundland. Her specialty areas are dermatology, geriatrics and interprofessional education. She has been the primary author of all the dermatology chapters except acne in DiPiro's Pharmacotherapy since the 8<sup>th</sup> edition, and she has been the primary author of the entire dermatology section in Schwinghammer's Pharmacotherapy Casebook since the first edition. Both textbooks have just released their 10<sup>th</sup> editions.

Dr. Law currently has a clinical practice with teaching responsibilities for pharmacy clerks and medicine residents at the Veterans' Pavilion in St. John's, Newfoundland. She holds a cross appointment to the Department of Family Medicine at Memorial University and was recently awarded the Faculty of Medicine's George Hurley Award for excellence in teaching Family Medicine residents by a non-physician. She currently conducts collaborative research in geriatrics and also in teaching and learning, including public engagement and interprofessional education. She continues to collaborate with a dermatologist, a paediatrician and a family physician for scholarly activities and will expand her collaboration with dermatologists at UCSF and other locations during her upcoming sabbatical in September.

Dr. Law's association with AFPC dates back to 1998, when she accepted the volunteer position of newsletter editor for AFPC Communication. Production of the newsletter at that time included printing and mailing and she has helped the newsletter grow and change to its current electronic format with photos. Over the years, she has worked with five Executive Directors and countless AFPC Councillors, and has enjoyed her associations with all of them. In 2012, she was awarded the AFPC Woods-Hughes Special Service Award.



## 2017 AFPC AWARD RECIPIENTS

### SPECIAL RECOGNITION AWARDS



**Woods-Hughes Special Service Award &  
AFPC Honoured Life Membership**  
*Dr. Harold Lopatka*

Dr. Harold Lopatka is an accomplished health care executive and manager, educator and researcher, and consultant with a strong background in health management and pharmacy fields. He has extensive experience in hospital and health organization management, and pharmacy education. He has expertise in planning, evaluation and operational management in a variety of situations and organizations. Dr. Lopatka has worked in many capacities ranging from a front line pharmacist (in community and hospitals) to a senior executive responsible for providing leadership and management (in small and large organizations). His education includes B.Sc. Pharmacy, MHSa and PhD.

Dr. Lopatka started in the position of AFPC Executive Director in 2010. Highlights during his time at AFPC include working with Deans and faculty members across Canada on AFPC activities, and working collaboratively with other national health and pharmacy organizations. Some specific leadership accomplishments were changing the organizational governance model, nurturing the growth of special interest groups, improving the financial stability of AFPC and launching a new AFPC website. In addition, he provided leadership for projects to review the AFPC educational outcomes, the future of experiential education in Canada and to develop a national online education program on the use of digital health.



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## AFPC POSTER LISTINGS

### PHARMACY EDUCATION

- PE1 **Designing simulation tasks for undergraduates: A complex task?**  
*Marie-Laurence Tremblay, Jimmie Leppink, Gilles Leclerc, Jan-Joost Rethans, Diana DHJM Dolmans*
- PE2 **Diabetes Content in Canadian Schools of Pharmacy: A Description of the amount provided and Students' Perceptions**  
*Kerry D Mansell, Holly G Mansell, Wendell Neubeker, Haley A Drake*
- PE3 **An Assessment of Demand for a Combined Doctor of Pharmacy – Master of Business Administration Program, and Plans for Delivery**  
*Kerry D Mansell, Antoine Bruneau-Bouchard, Vincent A Bruni-Bossio*
- PE4 **A Team Lab Simulation for Integrating Pharmacy Practice Skills in a Second Year Skills Lab**  
*Natalie R. Kennie-Kaulbach*
- PE5 **Intraprofessional Workshop for Pharmacy and Technician Students Exploring Roles and Responsibilities**  
*Natalie R. Kennie-Kaulbach, Kim Sponagle, Beverly Stotz, Sonja Baettig, Virginia Crawley*
- PE6 **Impact of pharmacy students' projects in Non-Direct Patient Care Rotations**  
*Isabelle Boisclair, Isabelle Lafleur, Pascale Bouthillier, Ema Ferreira, Nathalie Letarte*
- PE7 **Teaching Geriatric Assessment in a Doctor of Pharmacy Assessment Course: Challenges and Successes**  
*Cheryl A. Sadowski, Rene Breault*
- PE8 **The Integration of Critical Thinking Assignments into a Special Populations Course**  
*Cheryl A. Sadowski, Marlene Gukert*
- PE9 **Geriatric Education in Schools of Pharmacy – Student and Educator Perspectives in Qatar and Canada**  
*Cheryl A. Sadowski, Monica Zolezzi*
- PE10 **Pharmacy Leadership in Interprofessional Education: Adapting a Pharmacy Medication Game into an Interprofessional Educational Activity**  
*Cheryl A. Sadowski, Susan Sommerfeld, Christopher Ward, Louisa Fricker, JoAnne Davies, Pamela Rock, Sharla King, Allyson Jones, Joohong Min*
- PE11 **Mapping health interprofessional education curriculum: Development of a Framework**  
*Cheryl A. Sadowski, Damilola Adesanoye, Sharla King, M. Ken Cor*
- PE12 **Adaptation of Gamification into the Pharmacy Curriculum**  
*Phillip Kim, Annie WM Lee*
- PE13 **Perceptions of Near-Peer Teaching in a Pharmacy Practice course**  
*Jonas Mak, Annie WM Lee*
- PE14 **Changes in study-approaches during transition to a competency-based professional programme**  
*George S. Pachev, Marion L. Pearson, Simon P. Albon and Natalie E. LeBlanc*
- PE15 **Implementation of an Academic Teaching Rotation within an Entry-to-Practice PharmD Program**  
*Fong Chan, Katherine Seto, Tony Seet, Arun Verma, Sandra Jarvis-Selinger*
- PE16 **Expanding Physical Assessment Training in an Entry-to-Practice PharmD Program**  
*Katherine Seto and Fong Chan*



## AFPC POSTER LISTINGS

### PHARMACY EDUCATION

- PE17 **Mentoring Master Student in Hospital Pharmacy Program for Publication in a Scientific Journal**  
*Louise Mallet, Vincent Leclerc, Christine Hamel, **Julie Méthot***
- PE18 **Adaptation of learning model from Pharm.D. program to Hospital pharmacy residency program at Laval University**  
***Julie Méthot**, Julie Fortier, Jean-Pierre Bernier, Jean Lefebvre, Anne Dionne*
- PE19 **Integrating assignments across courses to enhance therapeutic knowledge and communication skill**  
*Professor D Elaine Lillie, **Dr. Nardine Nakhla***
- PE20 **Development of an Outside the Big Box situated-learning hospital/ambulatory care standardized patient skills lab**  
***Kimberly A. Sponagle**, Heidi J. Deal, Julia Belliveau, Tessa E. M. Lambourne*
- PE21 **Curriculum mapping using a new online tool: Applications in mapping competencies and content**  
***Ken Cor**, Cheryl Sadowski, Sharla King, Marlene Gukert*
- PE22 **Does peer review of teaching impact teaching practice and perceptions in pharmacy?**  
***Cynthia Richard**, Elaine Lillie, Kaitlin Mathias, Thomas McFarlane, Mary Power*
- PE23 **Mapping Interprofessional Global Health Competencies and Pharmacy Educational Outcomes across Global Health Curriculum**  
***Erin A. Cicinelli**, Sunny H. M. Wang, Doret K. F. Cheng*
- PE24 **Development of community practice site accreditation process**  
*Geneviève Brunet, Isabelle Boisclair, **Véronique Dorion**, Nirvishi Jawaheer, Isabelle Lafleur, Johanne Vinet, Nathalie Letarte, Ema Ferreira*
- PE25 **Blending Hospital and Community placements: Describing the student and preceptor experience**  
***Marlene Gukert**, Ken Cor, Renette Bertholet*
- PE26 **A 12 question-and-answer guide to help pharmacy students with their preparation for pharmacy clerkships**  
***Émilie Mégrouèche**, Ema Ferreira, Gilles Leclerc*
- PE27 **Accreditation of experiential learning sites at the Faculté de pharmacie de l'Université de Montréal**  
***Nathalie Letarte**, Johanne Vinet, Marc Perreault*
- PE28 **Recognizing the role of collaboration in interprofessional curriculum planning: a one year post-implementation reflection**  
*Dana A. Turcotte, Amanda J.S. Condon, Moni W. Fricke, Fiona M. Jensen, Laura L. MacDonald, **Katarina Popovic-Maroti***
- PE29 **Pre-requisites Associated with Academic Success in the BSP and planned Pharm D program (2017) at the University of Saskatchewan**  
***Roy Dobson**, Ed Krol, Kunmi Adesina*
- PE30 **Development of an Evaluation Plan for the Dalhousie College of Pharmacy Entry to Practice Doctor of Pharmacy Program**  
***Dr. Anne Marie Whelan**, Dr. Tannis Jurgens, Kaleigh MacIsaac*
- PE31 **Are Characteristics of Success Integrated into Pharmacy School Admissions?**  
***Theresa Charrois**, Vincent Spurrell, Carly Maxwell, Ken Cor, Jill Hall*



## AFPC POSTER LISTINGS

### PHARMACY EDUCATION

- PE32 **Relationship of admission scores and student characteristics to performance within a pharmacy program and on national licensure**  
*Andrea J Cameron, Robert P Bonin, Sara JT Guilcher*
- PE33 **Examining the impact of formative assessment question-generation on student learning**  
*Natalie E. LeBlanc, George S. Pachev, Simon P. Albon*
- PE34 **Evaluating the function and impact of formative assessments in UBC's E2P PharmD program**  
*Natalie E. LeBlanc, George S. Pachev, Arun Verma, Simon P. Albon*
- PE35 **Assessment of the Education and Skill Needs of Community Pharmacists Concerning Addiction**  
*Sarah A. Fatani, Daniel Bakke, Roy Dobson and Anas El-Aneed*
- PE36 **Evaluating modifications in calculations curriculum in response to 100% benchmark**  
*Courtney D. Quiring*
- PE37 **Reconciliation in Canadian pharmacy education: content is just the beginning**  
*Jaris P. Swidrovich*
- PE38 **The Art of Pharmacy: Pharmacy and Art Collaborating to Facilitate Learning**  
*Bradley W Neczyk, Candace M Neczyk, Cheryl Cox*
- PE39 **Pharmacy students' reactions to the implementation of a code of good pharmaceutical practices online and in social media: follow-up after 2 years**  
*Jean-François Bussi eres,  milie M egrou eche*
- PE40 **Development of a web blog to support the teaching of management in hospital pharmacy residency curriculum**  
*C eline Porteils, Eleonore Holscher, Jean-Fran ois Bussi eres*
- PE41 **Development of 25 web vignettes about the use of social media and information technology in pharmacy**  
*Denis Lebel,  milie M egrou eche, Nicolas St-Onge, M elissa Coutu, Jean-Fran ois Bussi eres*
- PE42 **Key Canadian federal legislative changes in a pharmacy law course**  
*Philippe Labrosse, C eline Porteils, Jean-Fran ois Bussi eres*
- PE43 **Finding legal decisions about pharmacy practice: an exploratory approach for pharmacy students and residents**  
*Philippe Labrosse, C eline Porteils, Jean-Fran ois Bussi eres*
- PE44 **Level of agreement of undergraduate pharmacy students for statements related to ethical issues in pharmacy practice from 2012 to 2016**  
*C eline Porteils, Nadia Akliouat, Jean-Fran ois Bussi eres*
- PE45 **Incorporating Assessment and Prescribing for Ambulatory Ailments Skills into Practice: An Environmental Scan of Continuing Education for Pharmacist Prescribing in Canada**  
*Dana Habicht, Sheila Ng, Drena Dunford, Brenna Shearer, I Fan Kuo*



## AFPC POSTER LISTINGS

### PHARMACY PRACTICE

- PP1 **Early Childhood Antibiotics Exposure and the Risk of Autism Spectrum Disorders**  
*Amani F. Hamad, I fan Kuo, Silvia Alessi-Severini, Salah Mahmud, Marni Brownell*
- PP2 **Roles and impacts of pharmacists in chronic obstructive pulmonary disease: review of literature**  
*Soraya Mamoun, Éléonore Ferrand, Jean-François Bussi eres*
- PP3 **Failure modes and effects analysis (FMEA) in pharmaceutical healthcare processes – A review**  
*Demers E, Collin-L evesque L, Boul e M, Lachapelle S, Nguyen C, Lebel D, Bussi eres JF*
- PP4 **Knowledge translation in pharmacy practice: an exploration of KT+ database**  
*Apolline Ad e, Denis Lebel, Maxime Thibault, Jean-Fran ois Bussi eres*
- PP5 **Using Oculometry as a Data Capture Tool for a Simulated Drug Order Validation by Pharmacists**  
*Sophie Dubois, Maxime Thibault, Denis Lebel, Marie-Kim H eraut, Minh-Thu Duong, Clara Elchebly, Wen Ting Yu, Arielle L evy, Jean-Fran ois Bussi eres*
- PP6 **Canadian Pharmacogenomics Network for Drug Safety (CPNDS): 10 years of collaboration from CHU Sainte-Justine (CHUSJ)**  
*Marine Aussedat, Jennifer Jean-Louis, Denis Lebel, Jean-Fran ois Bussi eres, CPNDS Consortium*
- PP7 **Pharmacist-led interventions for the management of medication misuse and abuse: a systematic review**  
*Lindsay Baum, Grace Badejo, Kevin Chaboyer, Christine Leong*
- PP8 **Healthcare practitioner prescribing: a scoping review about the confidence and competence of pharmacists and physicians**  
*Cassandra R Woit, Theresa L Charrois*
- PP9 **Descriptive outcomes of response to antiresorptive agents using bone biomarkers in a Fracture Liaison Service**  
*Andr ea Senay, Sylvie Perreault, Jos ee Delisle, Clara Scattolin, Andreea Banica, Yves Troyanov, Pierre Beaumont, Mario Giroux, Alain Jodoin, GYves Laflamme, St ephane Leduc, Jean-Marc MacThiong, Michel Malo, Gilles Maurais, Hai Nguyen, Stefan Parent, Pierre Ranger, Dominique Rouleau, Julio C Fernandes*
- PP10 **Quality of life and disability of fractured patients in a Fracture Liaison Service; descriptive outcomes of a cohort study**  
*Andr ea Senay, Sylvie Perreault, Jos ee Delisle, Clara Scattolin, Andreea Banica, Jean-Pierre Raynauld, Yves Troyanov, Pierre Beaumont, Mario Giroux, Alain Jodoin, GYves Laflamme, St ephane Leduc, Jean-Marc MacThiong, Michel Malo, Gilles Maurais, Hai Nguyen, Stefan Parent, Pierre Ranger, Dominique Rouleau, Julio C Fernandes*
- PP11 **Development of a graphical tool to measure medication adherence in asthma patients: a pilot study**  
*Alia Yousif, Catherine Lemi ere, Am elie Forget, Lucie Blais*
- PP12 **The Effect of Health Media Reporting on Self-Medication Use**  
*I fan Kuo, Jennifer Wiebe, Amanda Church, Brenna Shearer, Christopher Louizos*
- PP13 **Use of smoking cessation products: a survey of clients of community pharmacies in Winnipeg**  
*Alan Phung, Lauren Luo, Noor Breik, Silvia Alessi-Severini*
- PP14 **Readability and Suitability of COPD Inhaler Leaflets**  
*Kathryn Fullman, Dave Blackburn, Mark Fenton, Holly Mansell*



## AFPC POSTER LISTINGS

### PHARMACY PRACTICE

- PP15 **PharmaZzz; feasibility and impact of pharmacist-delivered cognitive behavioural therapy for chronic insomnia (CBTi)**  
*A. J. (Fred) Remillard, Karen Jensen, Loren Regier, Janelle Trifa, Lindsay Edgington*
- PP16 **Increase in adverse events following three generic antihypertensive drugs commercialization: a population-based perspective**  
*Jacinthe Leclerc, Claudia Blais, Louis Rochette, Denis Hamel, Line Guénette, Paul Poirier*
- PP17 **Learning from our mistakes: Perceptions and implementation of continuous quality improvement in Ontario community pharmacies**  
*Certina Ho, Janice Law, Mi Qi Liu*
- PP18 **Is YouTube Useful as a Source of Health Information for Type 2 Diabetes?**  
*Amanda Leong, Ravina Sanghera, Bikram Jammu, Mark Makowsky*

### PHARMACEUTICAL SCIENCES

- PS1 **Evaluation of Oxicam Derivatives as Amyloid Aggregation Inhibitors**  
*Selina A. Manji, Praveen P. N. Rao*
- PS2 **Age-related BBB pathology does not impair TfR-mediated targeting of brain microvessel endothelial cells in the 3xTg-AD mouse**  
*Philippe Bourassa, Wael Alata, Sarah Paris-Robidas, Marie-Thérèse Traversy, Cyntia Tremblay, Vincent Émond, Frédéric Calon*
- PS3 **Modulation of branched-chain amino acids dietary intake affects survival, behavior and neuropathology of the 3xTg-AD mouse model**  
*Marine Tournissac, Milène Vandal, Cyntia Tremblay, Philippe Bourassa, Sylvie Vancassel, Anne Gangloff, Frédéric Calon*
- PS4 **Impact of linoleic acid on the skin barrier formation of tissue engineered skin substitutes**  
*Mélissa Simard, Geneviève Rioux, Roxane Pouliot*
- PS5 **Orally administered cannabinoids reduce tumor necrosis factor alpha (TNF $\alpha$ ) gene and protein expression in an experimental autoimmune encephalomyelitis (EAE) animal model of multiple sclerosis (MS): implications in MS**  
*Kiana Gozda, Tina Khorshid Ahmad, Ting Zhou, and Michael Namaka*
- PS6 **Gap junctions regulate nociception and synaptic strength of afferent input to the spinal cord dorsal horn**  
*Xxx (Virginia) Yini, Yu-Feng Xie, Yves De Koninck, Robert P Bonin*
- PS7 **Drug release and permeation of compounded topical gabapentin in different formulations**  
*Ayah E. Shakshuki, Demilade Onifade, Remigius U. Agu*
- PS8 **Potential Protective Effects and Bioavailability of Wild Blueberry Extracts**  
*Scott Unruh, Michelle Debnath-Canning, Poorva Vyas, Andrei Igamberdiev, John T. Weber*
- PS9 **Modeling chronic psoriatic inflammation in a 3D reconstructed skin**  
*Isabelle Lorthois, Roxane Pouliot*





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