



## 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.



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#### **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.



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### 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.