



TOP STORIES

Dr. Shawna Berenbaum retires

On Wednesday, June 20 faculty, staff and guests gathered at the University Club to celebrate one final time before **Dr. Shawna Berenbaum** officially retired after an academic career that spanned more than 30 years.

Congratulations on your well-deserved retirement, Shawna!



Dr. Kishor Wasan receives new appointment

Dr. Kishor Wasan will be stepping down as dean of the college after completing his term in June 2019. He has accepted the deanship and as professor with tenure at the Leslie Dan Faculty of Pharmacy, University of Toronto, which he will begin July 1, 2019. [Read more.](#)



New faculty appointments

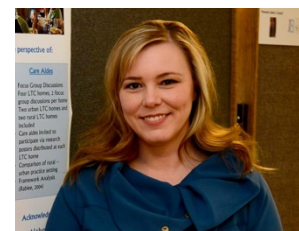
Welcome (back) to **Drs. Jaris Swidrovich** and **Allison Cammer**.

Jaris joined the college as an Assistant Professor in the Division of Pharmacy on June 1. He has been a Lecturer in the college since August 2015.



Allison will join the college as an Assistant Professor in the Division of Nutrition on July 1. She was previously at Ryerson University as an Assistant Professor at the School of Nutrition, Faculty of Community Services.

Dr. Katelyn Halpape will join the college as an Assistant Professor in the Division of Pharmacy in the areas of psychiatric medicine, mental health and neurology on December 1. Watch for further information on her appointment in upcoming newsletters.





MORE COLLEGE NEWS

Convocation

The convocation ceremony for the College of Pharmacy and Nutrition was held on Thursday, June 7, at 9:00 am at TCU Place. The University conferred 81 pharmacy and 21 nutrition undergraduate degrees during the ceremony. Detailed information on the graduate degrees awarded at the ceremony can be found in the Research and Graduate Studies – Trainee Success section of this newsletter.

Congratulations to **Kelly Fitterer** and **Alexa McEwen** who were recognized as the most distinguished graduates in pharmacy and nutrition earlier this month at convocation.



Kelly received the Robert Martin Prize, which is given in honour of the late Robert Martin, a pioneer pharmacist in western Canada and the first Registrar of both the North West Territories Pharmaceutical Association and the Saskatchewan Pharmaceutical Association.

Alexa received the Rutter Medal, which is given in honour and memory of Professor Emeritus Ethel Rutter. In 1929, Rutter was named Head of the School of Household Science and served until her retirement in 1940.

Thank you to the Saskatchewan College of Pharmacy Professionals for hosting their regular luncheon after the ceremony. At the luncheon, the following awards were presented:

- **Kassandra Stahl** received the Campbell Prize
- **Kaitlyn Tress** received the Class of '56 Pharmacy Scholarship
- **Taylor Raiche** received the Class of 1959 Pharmacy Award
- **Shelby Pflanzner** received the Mark C. Falloon Book Prize
- **Stephanie Zimmer** received the Orest Buchko Hospital Pharmacy Award

Awards were also presented to the graduating nutrition students:

- **Lindsay DeBoer** received the Ruth Gerrand Prize for having the most distinguished academic record in the B.Sc.Nutrition program
- **Laurel Goshawk, Lauren Kapphahn, and Teighan Wilson** received the Hannon Travel Scholarship.

Congratulations to all of our new alumni!



MORE COLLEGE NEWS

RxFiles Update

- RxFiles launched its Spring 2018 topic, "Tapering Opioids: how to Explore and Pursue the Option for Patients who Stand to Benefit." **Read more:** [Link 1](#), [Link 2](#).
- RxFiles hosted a provincial pharmacist continuing education event June 13 on "Opioids, Tapering, & Addressing Related Challenges in Saskatchewan."
- **Brent Jensen** and **Marlys LeBras** presented to international medical grads in Saskatoon about RxFiles Drug Comparison Charts Book and Chronic Non-Cancer Pain & Opioids.
- **Loren Regier** and **Marlys LeBras** presented to the Senior's First Team in Saskatoon about Chronic Non-Cancer Pain & Opioids in the older adult; Entresto: the New Heart Failure Medication; Antipsychotics and Falls in the older adult.
- **Alex Crawley** presented to Nurse Practitioners in Saskatoon on COPD and inhaler technique.
- **Brenda Schuster** will be presenting on Academic Detailing and Resiliency to academic detailers across Canada.

Dr. Phyllis Paterson gave an invited talk entitled "The Role Of Nutrition In Motor Recovery After Stroke" at the Canadian Nutrition Society Annual Conference, Halifax, NS, May 3-5, 2018.

Dr. Robert Laprairie spoke at Canadian Plant Biotechnology Conference on "Phytocannabinoid Pharmacology" May 15, Saskatoon; the new investigator symposium of the Canadian Chemistry Conference on "Exploring the structure-activity relationship of CB1 positive allosteric modulators" May 27, Edmonton; the patient endometriosis and chronic pain meeting on "Are cannabinoids medicine?" June 16, Saskatoon.

Drs. Robert Laprairie, Jane Alcorn, Richard Huntsman (Paediatrics) and Darrell Mousseau (Psychiatry) will be hosting a panel on cannabinoids and the Cannabinoid Research Initiative of Saskatchewan (CRIS) at the Canadian College of Neuropsychopharmacology (CCNP), Vancouver, June 29.

Nutrition student **Miriam Robak** was awarded an undergraduate grant of \$8,000 from the Branch Out Neurological Foundation to undertake research on the topic of "Nutrition and recovery after stroke" in the laboratory of **Dr. Phyllis Paterson** for the summer of 2018.

FACULTY AND STAFF NEWS

Congratulations to **Dr. Jaris Swidrovich** who received the 2018 Patient Care Achievement Award from the Canadian Pharmacists Association. [Read more.](#)

Congratulations to **Erling Madsen** on receiving the 2018 Dean's Staff Award for Commitment and Excellence. The award recognizes those who demonstrate behaviours in the workplace which reflect institutional values or provide exemplary service toward fulfilling the college mission.



FACULTY AND STAFF NEWS

At the 2018 Association of Faculties of Pharmacy of Canada Conference:

- **Dr. Ed Krol** was elected the new Vice-Chair of the AFPC Council of Faculties for 2018-19
- **Dean Kishor Wasan** was elected the new Vice-President of AFPC, and will become the President July 1, 2019

Congratulations to **Dr. Carol Henry** who received a special teaching award from Hawassa University in Ethiopia. In particular Dr. Henry was recognized for:

- Benefiting 10,000 Ethiopian households and impacting directly 36,000 women and their children through educational campaigns on the benefits of eating pulses and on food preparation to preserve the nutritious properties of these seeds;
- Successfully training 200 graduate students at Hawassa University, 40 per cent of whom are female, and having 26 U of S students visit Ethiopia to gain first-hand experience.



Kieran Kobitz, Communications and Alumni Relations Specialist, was appointed President of the Saskatchewan Professional Marketing Association at the organization's annual general meeting on Tuesday, June 19.

The college bid farewell to **Kevin Riffel**, Program Evaluation and Assessment Coordinator, who will continue at the university with the Gwenna Moss Centre for Teaching and Learning as a Teaching and Learning Enhancement Specialist.

IN THE MEDIA

Dr. Hassan Vatanparast's research project was featured in a Global News article on Monday, May 7. The early findings of the project show many foods made from enriched or whole grains deliver a high amount of key nutrients to the Canadian diet while only contributing 25 per cent of the daily calories. [Read more.](#)

Kelly Kizlyk, Experiential Learning Coordinator, was on Global Saskatoon Morning News on Tuesday, May 8 to talk about preventing and treating bug bites. [Watch the video.](#)

Dr. Robert Laprairie spoke with CBC News about cannabidiol oil and the need for more study about its potential health benefits. [Read more.](#)

Dr. Jessica Lieffers conducted a study while a postdoctoral fellow at the University of Alberta which indicates unhealthy eating could cost Canadians up to \$13.8 billion in direct and indirect health-care costs. [Read more.](#)

Kelly Kizlyk was on Global Saskatoon Morning News on Tuesday, June 19 to talk about how much and how often to use sunscreen. [Watch the video.](#)



ALUMNI NEWS

Congratulations to **Christine Hrudka (BSP 1982)** on assuming her new role as the Chair of the Canadian Pharmacists Association Board of Directors at the CPhA Gala.



Amy Lamb (BSP 2012) received one of this year's Wellspring Leadership Awards from the Canadian Foundation for Pharmacy. Amy was unable to attend the awards ceremony, so she sent this video message. [Watch the video.](#)

Taylor Raiche (BSP 2018) presented her project "A pilot study to determine the feasibility of using registered Pharmacy Technicians to identify and correct inhaler misuse" at the Canadian Pharmacists Association Conference in Fredericton.



Brooke Bulloch (BScNutr 2009) was on Global Saskatoon Morning News on Tuesday, June 19 to talk about foods men should incorporate into their diet to reduce the risk of some health conditions. [Watch the video.](#)

In April, the BSP Class of 2008 held their 10-year reunion, which included a tour of the new Health Sciences Building by **Drs. Jeff Taylor** and **David Blackburn**. Thanks to **Julia Bareham** for organizing the weekend's activities.



2018 Pharmacy Association of Saskatchewan Conference

Congratulations to the following alumni who received awards during the Pharmacy Association of Saskatchewan Conference weekend May 11-13 in Regina.

Saskatchewan College Pharmacy Professionals Awards Banquet

- Honorary Life Member – **Ray Joubert (BSP 1974)**
- SCPP Staff Recognition – **Jeanne Eriksen (BSP 1979)** for 20 years of service

Pharmacy Association of Saskatchewan Awards

- Pharmacist of the Year – **Mike Stuber (BSP 2007)**
- Lifetime Achievement Award - **Rod Amaya (BSP 1996)**
- Award of Merit – **Julia Bareham (BSP 2008); Matthew Manz (BSP 2010)**
- New Horizon Award – **Anan Ahmed (BSP 2014)**
- Pfizer Consumer Healthcare Bowl of Hygeia Award – **Tyrel Thorpe (BSP 2011)**
- Certificate of Recognition – **Brad Cooper (BSP 2003); Steven Yakiwchuk (BSP 2005); Jeanne Eriksen (BSP 1979); Janet Bradshaw (BSP 1974); Lindsay Richels (BSP 2007); Jarron Yee (BSP 2006)**



EVENTS

UPCOMING EVENTS

Dr. Alfred Reimillard's Retirement Celebration will take place on **Friday, July 13** at 5:00 pm at the University Club. Please RSVP to Claire Sutton at claire.sutton@usask.ca by July 6 to attend.

The retirement celebration for **Jean Oakley**, Graduate Programs and College Administrative Support, will take place on **Thursday, July 26**.

The college and Dietitians of Canada are hosting **Nutrition and Plant Based Diets: Protein, Iron, and Zinc** on **Tuesday, August 7** at 3:00 pm in 1130 E-Wing Health Sciences. Vesanto Melina, MS, RD, an expert in plant-based nutrition, will be the guest lecture.

The **College Family BBQ** will take place on **Wednesday, August 15** at the Forestry Farm for faculty and staff.

The retirement celebration for **Erling Madsen**, Stores Manager, will take place on **Thursday, August 23**.

The **Nutrition Class of 2009 Reunion** will take place on **July 6-7, 2019**. There will be an adult-only evening on Saturday, a family-friendly event on Sunday, and a tour of the new college facilities will be arranged. Contact Stacie at staciesharko@hotmail.com for more information.

PAST EVENTS

The college hosted its annual dessert and reception at the **Pharmacy Association of Saskatchewan Annual Conference** on **Friday, May 11**, at the Doubletree by Hilton Hotel and Conference Centre in Regina.

The college hosted an **Alumni and Friends of the College** after-work mixer on **Tuesday, May 22** at Scaddabush Italian Kitchen and Bar.

Sask Night returned to the **Canadian Pharmacists Association Conference** on **Sunday, June 3**, in Fredericton, New Brunswick.





EVENTS

The college hosted an alumni reception during the **Dietitians of Canada Conference** in Vancouver on **Friday, June 8**, at 6 Degrees Eatery.



RESEARCH AND GRADUATE STUDIES

SPOTLIGHT ON RESEARCH

Melanie Rozwadowski is our July Researcher of the Month. An assistant professor in the Division of Nutrition and Dietetics, she is actively involved in the scholarship of teaching and learning. [Read more.](#)



Hiwot Hailesslassie is our first of two Trainee Spotlights for June. Her research focuses on improving iron and zinc bioavailability in pulses grown in Ethiopia using household-level food processing strategies. [Read more.](#)



Leandy Bertrand is our second Trainee of the Month. Her research focuses on using an ecological approach to characterize the school food environment in Dominica for health promotion. [Read more.](#)





RESEARCH AND GRADUATE STUDIES

TRAINEE SUCCESS

Program Update

The College has welcomed two new graduate students to the Pharmacy Master's program since the May newsletter: **Mary Fraser**, who will be studying with Dr. Charity Evans, and **Kelly Kizlyk**, who is supervised by Kerry Mansell. We also welcomed postdoctoral fellow **Dr. Seyed Hamzeh Hosseini Pozveh**, who will be working with Dr. Hassan Vatanparast.

Congratulations to our MSc and PhD Graduates!

The College had seven former graduate students receive their degrees at Spring Convocation 2017:

PhD

Paul Pown Raj Iyyanar

Thesis – Pharmacy: Role of *Hoxa2* and its Putative Downstream Target *Htra1* in Osteogenic Differentiation of the Palatal Mesenchyme

Supervisor: Dr. Adil Nazarali; Dr. Jane Alcorn

Sheikh Tasnim Jahan

Thesis – Pharmacy: Design and Development of CD205 Targeted PLGA Nanoparticles and Evaluation of Antigen Specific Immune Responses

Supervisor: Dr. Azita Haddadi

MSc

Lila Abobakar

Thesis – Nutrition: Evaluation of Planned Menus in Saskatchewan Childcare Centres that Participated in the Healthy Start/Départ Santé Program

Supervisor: Dr. Hassan Vatanparast

Anan Ahmed

Thesis – Pharmacy: A Qualitative Assessment of the Saskatchewan Medication Assessment Program in Patients with Renal Failure or Renal Replacement

Supervisor: Dr. Holly Mansell

Joshua Allen

Thesis – Pharmacy: The Crucial Role of Reelin in a Preclinical Model of Depression

Supervisors: Drs. Hector Caruncho and Lisa Kalynchuk

Katherine Ford

Thesis – Nutrition: Vitamin and Mineral Supplement Use by Older Adults with Complex Medication Needs; Potential for Adverse Drug-Nutrient Interactions

Supervisor: Dr. Susan Whiting



RESEARCH AND GRADUATE STUDIES

Fakir Yunus

Thesis – Nutrition: Feasibility of Field Implementation of Fortified Lentils to Improve Iron Status Status of Adolescent Girls in Bangladesh

Supervisors: Drs. Gord Zello and Diane DellaValle

Poster Awards

Each year a large number of College of Pharmacy and Nutrition trainees participate in annual research days at the University of Saskatchewan, and this year was no exception. Six of our graduate students participated in the **Child Health Research Trainee Day** held on April 26th, while twenty-two trainees, including postdoctoral fellows, graduate students, and undergraduate students, participated in the **25th Annual Life and Health Sciences Research Exposition** held on May 3rd, 2018. We congratulate all of our trainees who participated in these events—their posters and presentations allowed trainee research in the College to stand out again this year!

We are pleased to announce the following award winners from the College of Pharmacy and Nutrition:

Child Health Research Trainee Day

Sarah Finch, Nutrition PhD

Supervisors: Drs. Hassan Vatanparast and Alan Rosenberg

1st Place – Oral Presentation

Environmental, biochemical, and genetic factors of the vitamin D pathway are associated with disease activity in Canadian children with juvenile idiopathic arthritis

Mona Hamada, Pharmacy PhD

Supervisors: Drs. Anas El-Aneed and Darryl Adamko

Honorable Mention – Oral Presentation

The integration of three analytical platforms for the targeted urine metabolomics of respiratory illnesses

25th Annual Life and Health Sciences Research Exposition

Asmita Poudel, Pharmacy MSc

Supervisors: Drs. Anas El-Aneed and Ildiko Badea

1st Place – Basic Science 6

Liposomal formulations of phytosterols and tocopherols into functional food

Fakir Yunus, Nutrition PhD

Supervisor: Dr. Gord Zello

1st Place – Social Population Health 2

Development of a feasible field implementation strategy using fortified lentils to improve the iron status (Fe) status of adolescent girls in Bangladesh



RESEARCH AND GRADUATE STUDIES

Grace Cuddihy, Pharmacy Undergraduate

Supervisor: Dr. Kishor Wasan

2nd Place – Basic Science 2

Cytotoxicity profiles of lanthanide compounds within human kidney (HEK-293), liver (HepG2), and osteoblast (HOb) cells in addition to murine pre-osteoclast (RAW 264.7) cells

Muath Helal, Pharmacy PhD

Supervisors: Drs. Jane Alcorn and Brian Bandy

2nd Place – Basic Science 3

Relative protection by cyanidin and its degradation products against doxorubicin cytotoxicity in H9c2 cardiomyocytes

External Awards

Pharmacy Master's student **Chukwunonso Nwabufo**, who is studying with Dr. Ed Krol, has been awarded a student travel grant to present his research at the DMDG & Swedish Academy of Pharmaceutical Sciences Joint Meeting that will be held in Gothenburg, Sweden this October. His award, which is provided by the Drug Metabolism Discussion Group, UK, covers conference registration as well as partial travel costs. He has also received a \$750 USD plus registration ISSX Travel Grant to attend the 22nd North American International Society for the Study of Xenobiotics that will be held in Montreal in July.

Presentations by Trainees

Asmita Poudel, Master's student with Drs. Ildiko Badea and Anas El-Aneed, presented her poster *Nano lipid based formulation of phytosterols and tocopherol into functional food* at the 2018 CSPS Annual Symposium held in Toronto, ON from May 22-25, 2018.

Raj Rai, Master's student with Drs. Ildiko Badea and Humphrey Fonge, presented his poster *Engineering functionalized nanodiamond for drug delivery and biodistribution studies* at the 2018 CSPS Annual Symposium held in Toronto, ON from May 22-25, 2018.

Kosar Omidian, PhD student with Dr. Brian Bandy, presented her poster *Polyphenols inhibit B[a]P-induced neoplastic transformation by inducing mitochondrial biogenesis and decreasing ROS production* at the Canadian Oxidative Stress Consortium held in Edmonton, AB from May 30 – June 1, 2018.

Anan Ahmed, who recently completed her Master's with Dr. Holly Mansell, presented *A Qualitative Assessment of the Saskatchewan Medication Assessment Program in Patients with Renal Failure or Renal Replacement* at the Canadian Pharmacists Conference held in Fredericton, NB from June 2-5, 2018.

Ashish Kopargaonkar, Master's student with Drs. Thomas Rotter and J. Kalra, presented his poster *A quest for quality improvement in healthcare and laboratory management: a Six Sigma concept* at the Annual Conference of the Canadian Society of Clinical Chemists held in Ottawa, ON from June 3-6, 2018.



RESEARCH AND GRADUATE STUDIES

Fakir Yunus, Nutrition Master's student studying with Drs. Carol Henry and Diane DellaValle, presented his poster *Identifying a feasible field implementation strategy using fortified lentils to improve the iron status (Fe) status of adolescent girls in Bangladesh* at the American Society for Nutrition Annual Meeting 'Nutrition 2018' that was held in Boston, MA from June 9-12, 2018. He also presented *Fe-fortified lentils for reducing Fe deficiency: a feasibility field implementation strategy study in Bangladesh* at the 2018 Emerging Technologies for Global Food Security conference held in Saskatoon from June 19-21, 2018.

Pharmacy and Nutrition Graduate Student Council

The Pharmacy and Nutrition Graduate Student Council (P&N-GSC) hosted its first social gathering for graduate students on April 30th 2018. Twenty-five graduate students enjoyed this lunch party while playing games and winning prizes.

The council was founded in October 2017. Its primary mission is fostering interaction and promoting unity and wellbeing among graduate students on academic and social levels. It also acts as a liaison between students and their GSA.

Current executives are: Natasha Breward (pharmacy co-president), Se'era Anstruther (nutrition co-president), Sarah Finch (VP operations), Mona Hamada (VP students' affairs) and Mujtaba Badr (Secretary/treasurer). The council will be continuing to host more events for graduate students in the summer. Members will be choosing their new executives prior to Fall 2018.

SUMMER STUDENT RESEARCH PROGRAM

The college is pleased to welcome undergraduate research assistants, **Michael Theaker** (supervisors Ed Krol and Roy Dobson) and **Michael Benko** (Robert Laprairie), who we omitted in the last newsletter. Welcome!

Pharmacy student **Grace Cuddihy** was awarded one of the 2018 GlaxoSmithKline National Undergraduate Student Research Awards at the Canadian Society of Pharmaceutical Sciences conference in Toronto.

RESEARCH FUNDING

Jonathan Dimmock and Mozart Marins from the University of Ribeirão Preto were awarded a \$12,200 grant from OVPR and the Sao Paulo Research Foundation for the project titled Synthesis and discovery of molecular mechanisms of some novel conjugated unsaturated ketones designed as anticancer agents.

Holly Mansell and her colleagues received \$25,000 from Ideas That Inspire, a partnered SHRF program with Lung Association, Saskatchewan for the project entitled Pharmacokinetics of Apixaban and Tacrolimus or Cyclosporine in lung transplant recipients.



RESEARCH AND GRADUATE STUDIES

Earlier this year, **Holly Mansell** and her colleagues also received \$160,000 in funding from SHRF's Sprout grant program and CIHR SCPOR for Improving Health Outcomes of Kidney Recipients: A Randomized Controlled Trial of a Pre-Transplant Education Intervention.

Phyllis Paterson received \$20,000 CIHR Bridge funding from the college.

From the college's Research Infrastructure fund, **Phyllis Paterson** and **Robert Laprairie** received \$1,200 to cover repairs to an UltraPro 5000 cryostat located in the GD10 neuroscience lab and **Hassan Vatanparast** received \$14,500 to purchase a portable ultrasound bone scanner, pediatric software, and laptop to measure bone quality in the field.

RECENT PUBLICATION

- Alder-Rangel, A., Bailão, A. M., da Cunha, A. F., Soares, C. M. A., Wang, C., Bonatto, D., **Dadachova, E.**,... Rangel, D. E. N. (2018). The second International Symposium on Fungal Stress: ISFUS. *Fungal Biology*, 122(6), 386–399.
- *Al-Sakran, L. H., Marrie, R. A., **Blackburn, D. F.**, Knox, K. B., & **Evans, C. D.** (2018). Establishing the Incidence and Prevalence of Multiple Sclerosis in Saskatchewan. *Canadian Journal of Neurological Sciences / Journal Canadien Des Sciences Neurologiques*, 45(03), 295–303.
- Bagher, A. M., **Laprairie, R. B.**, Kelly, M. E. M., & Denovan-Wright, E. M. (2018). Methods to Quantify Cell Signaling and GPCR Receptor Ligand Bias: Characterization of Drugs that Target the Endocannabinoid Receptors in Huntington's Disease (pp. 549–571). Humana Press, New York, NY.
- Dehnavi, Z., Razmpour, F., Belghaisi Naseri, M., Nematy, M., Alamdaran, S. A., **Vatanparast, H. A.**, ... Ganji, A. (2018). Fatty Liver Index (FLI) in Predicting Non-alcoholic Fatty Liver Disease (NAFLD). *Hepatitis Monthly*, 18(2).
- Dugani, S., **Wasan, K. M.**, & Kisooson, N. (2018). World Health Organization and Essential Medicines. *Journal of Pharmaceutical Sciences*, 107(5), 1261–1262.
- Durr, K., Oyedokun, T., Kosar, J., **Blackburn, D.**, & Oduntan, E. (2018). P040: Describing antibiotic utilization and uptake of the chronic obstructive pulmonary disease order set in Saskatoon emergency departments. *CJEM*, 20(S1), S71.
- *Ersino, G., **Zello, G. A.**, **Henry, C. J.**, & Regassa, N. (2018). Household Food Insecurity and Hunger in Selected Ethiopian Agricultural Communities: Examination of Supply and Demand Factors. *Journal of Food Research*, 7(4), 107.
- Hall, A. R., Le, H., Arnold, C., Brunton, J., Bertolo, R., Miller, G. G., **Zello, G.A.**, Sergi, C. (2018). Aluminum Exposure from Parenteral Nutrition: Early Bile Canaliculus Changes of the Hepatocyte. *Nutrients*, 10(6).
- **Jorgenson, D.** (2018). Is it time for internal medicine pharmacists in primary care? *Canadian Pharmacists Journal / Revue Des Pharmaciens Du Canada*, 171516351877934.
- *Lane, G., Farag, M., White, J., Nisbet, C., & **Vatanparast, H.** (2018). Chronic Health Disparities among Refugee and Immigrant Children in Canada. *Applied Physiology, Nutrition, and Metabolism*, apnm-2017-0407.
- **Laprairie, R. B.**, Petr, G. T., Sun, Y., Fischer, K. D., Denovan-Wright, E. M., & Rosenberg, P. A. (2018). Huntington's disease pattern of transcriptional dysregulation in the absence of mutant huntingtin is produced by knockout of neuronal GLT-1. *Neurochemistry International*.
- **Lieffers, J. R. L.**, Ekwaru, J. P., Ohinmaa, A., & Veugelers, P. J. (2018). The economic burden of not meeting food recommendations in Canada: The cost of doing nothing. *PLOS ONE*, 13(4), e0196333.



RESEARCH AND GRADUATE STUDIES

- Mazidi, M., Kengne, A. P., & **Vatanparast, H.** (2018). Association of dietary patterns of American adults with bone mineral density and fracture. *Public Health Nutrition*, 1–7.
- Mirhosseini, N., **Vatanparast, H.**, Mazidi, M., & Kimball, S. M. (2018). Vitamin D supplementation, glycemic control and insulin resistance in prediabetics: A meta-analysis. *Journal of the Endocrine Society*.
- *Rafiei, H., *Omidian, K., & **Bandy, B.** (2018). Protection by different classes of dietary polyphenols against palmitic acid-induced steatosis, nitro-oxidative stress and endoplasmic reticulum stress in HepG2 hepatocytes. *Journal of Functional Foods*, 44, 173–182.
- Rosaasen, N., Mainra, R., Kukha-Bryson, A., Nhin, V., Trivedi, P., Shoker, A., ... **Mansell, H.** (2018). Development of a patient-centered video series to improve education before kidney transplantation. *Patient Education and Counseling*.
- **Sakharkar, M. K.**, *Rajamanickam, K., Chandra, R., Khan, H. A., Alhomida, A. S., & **Yang, J.** (2018). Identification of novel drug targets in bovine respiratory disease: an essential step in applying biotechnologic techniques to develop more effective therapeutic treatments. *Drug Design, Development and Therapy*, 12, 1135–1146.
- *Xiao, S., & **Yang, J.** (2018). Preclinical study of the antitumor effect of sphingosine-1-phosphate receptor 1 antibody (S1PR1-antibody) against human breast cancer cells. *Investigational New Drugs*, 1–8.