



**Table of Contents**

<i>President’s Message</i>	<i>1</i>
<i>Executive Director’s Corner</i>	<i>2</i>
<i>Conference 2011</i>	<i>5</i>
<i>Faculty Spotlight – University of Waterloo</i>	<i>6</i>
<i>Faculty News</i>	<i>9</i>
<i>Contributors &amp; Editor</i>	<i>25</i>

**PRESIDENT’S MESSAGE**

Best wishes to everyone as the 2010-2011 academic term comes to a close and summer beckons!

This year has seen many changes to practice across various jurisdictions including the regulation of pharmacy technicians, and modifications to the scopes of practice of pharmacists and other health professionals. In response to these and future anticipated changes, Faculties and Schools continue to modify or revise curricula, ensuring that pharmacy graduates are well prepared to meet the evolving drug-related needs of Canadians. Both the new AFPC Educational Outcomes (released June 2010) and the Program Evaluation tools which are now available to Faculties and Schools will assist in the renewal of curricula, and in evaluating these programs. Also, the availability of the expected levels of performance, due to be completed in June, will provide further guidance to programs.

We are currently in the process of finalizing plans for the upcoming Canadian Pharmacy and Education and Research Conference (CPERC) 2011 to be held in Winnipeg, Manitoba from June 5<sup>th</sup> to 7<sup>th</sup>. Silvia Alessi-Severini and the conference planning committee from the Faculty of Pharmacy at the University of Manitoba have been working hard to make CPERC both relevant and fun for all participants! *Pharmacy at the Forks: Education and Research Coming Together*, will include many presentations and discussions relevant to a wide range of faculty. Themes for sessions will include Interprofessional Education, Educational Outcomes, Program Evaluation, as well as strategies on integrating the pharmaceutical sciences into our curricula. We also look forward to presentations from our teaching and research award winners, including our student winners.

This year, a new evening session will include presentations related to Continuing Education and Professional Development and Patient Safety. A special event for our students will include a session provided by AFPC’s Executive Director on Career Mentoring. On behalf of AFPC members, Council and Executive, I would like to thank Silvia Alessi-Severini and her team from the University of Manitoba, for their hard work in organizing CPERC 2011.

The CPERC conference provides a forum for our members to recognize excellence in research and teaching, and includes many awards for both faculty and students. A new award which will be given for the first time during CPERC 2011, the AFPC-Janssen Innovation in Education Award, was created based on feedback from our members. As a number of curricula across Canada are in the process of being renewed, we anticipate that many of our faculty will be developing, implementing and evaluating new strategies to enhance course and educational materials for our students. We hope that this award creates enthusiasm and interest amongst our faculty to share their ideas. Important recognition of pharmacy student excellence is also highlighted via AFPC’s poster, research and fellowship awards. I would like to extend a big thank you to Andrea Cameron and the members of the Awards Committee, who have been overseeing this important selection process.

The Annual General Meeting which will be held during CPERC 2011, also brings my term as President of our Association to a close. I have enjoyed working closely with my colleagues across the country on several key issues this year. These include working with the task force on the development of levels of performance, making AFPC’s Program Evaluation Guide available to all Faculties and Schools; and, together with ADPC, starting discussions on a new governance model for our Association. I look forward to continuing to work with our Association and to provide support to our incoming President, Dr. Ingrid Price, as the work continues under her leadership. It has been a pleasure this year to work closely with our Executive Director, Dr. Harold Lopatka, whose leadership and hard work has greatly enabled us to increase our organization’s visibility.

I look forward to seeing many of you at our AGM in Winnipeg, where we will have the opportunity to reconnect and celebrate our successes of this past year!



Lalitha Raman-Wilms  
President, AFPC

**EXECUTIVE DIRECTOR'S CORNER**

Greetings to everyone. Now that the 2011 winter academic term is done everyone will be working on their spring and summer project lists. I hope you will be able to take some time to come to our annual conference and meeting in Winnipeg.

In addition to our educational program and business meetings we will be providing members with a briefing and opportunity to provide feedback on our joint AFPC / ADPC review of our governance model. Several important steps for this review have occurred over the last few months. First, a joint ADPC / AFPC Ad Hoc Committee was established to lead the review (with committee members from AFPC and ADPC). The ad hoc committee reviewed a discussion paper and examined our current governance model and alternate governance structures. Second, the full AFPC Council and ADPC Deans group held a joint meeting at the February 2011 mid year. The SWOT analysis that was conducted on our current governance model was reviewed and there was consensus that alternate governance models should be examined (e.g., single

organization models like AACP, AFMC). Third, a proposed new AFPC governance model will be considered by the Ad Hoc committee before the June conference. The review is still in progress and there will be a presentation and discussion at the AGM about the review process and the new governance model under consideration.

We will be acknowledging the two new award sponsors at the annual conference. In January, I reported that one of my top priorities was to increase sponsorship for all of our awards. I am pleased to announce that our awards sponsorship increased by approximately \$19,500 in 2011. Rx and D is sponsoring our 10 annual pharmacy student research poster awards (\$16,500 value). The award will be named the AFPC / Rx and D Pharmacy Student Research Awards. A new award was established in 2011 – Janssen Innovation in Education Award. Janssen is sponsoring the award (\$3,000 value). Thank you to the two organizations for their generous support.

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The following is a report on Executive Director, and AFPC and ADPC activities.

**Executive Director Activities**

A significant portion of my time in March and April was spent on developing a funding proposal for the Canada Health Infoway Clinicians in Training funding program. This funding program is for national associations of educators and the funding must meet the following objectives: 1) to ensure that clinicians in training are ready to practice in, and gain value from, a technology-enabled environment when they graduate; and 2) to integrate concepts and expectations related to the use of informatics in practice into the curricula design/educational processes of faculties. Our proposal focuses on the following items: project oversight;

background research; the development and implementation of a national education module (including learning and teaching aides and tools); establishment of an information technology graduate student scholarship, and evaluation of the project. The plan is to submit the proposal for consideration in early May.

Carolyn Matheson started work on April 1, 2011 as a part time administrative secretary for AFPC / ADPC. She works out of her home and works a maximum of 4 half days per week. She has been employed in a

number of positions including a community pharmacy and with Alberta Health Services. Periodically, you may receive communications from her.

Over the next few months my priorities will be focusing on completion of the annual awards program, providing support for the CPERC 2011, continuing with the strategic plan and governance review process, and preparing for the upcoming council and general annual meeting.

### **AFPC Activities**

Awards – The competition was strong for all faculty and student awards. 14 nominations were received for the AFPC faculty awards: Sanofi Aventis New Investigator Award, Bristol Myers Squibb National Award for Excellence in Education, Pfizer Research Career Award, and Janssen Innovation in Education Award. 10 nominations were received for the following AFPC student awards: GlaxoSmithKline Graduate Student Research Award, and Merck Post Graduate Pharmacy Fellowship Award.

Congratulations to our 2011 AFPC award winners.

- Alexandre Melkoumov – Université de Montréal - Merck Post Graduate Pharmacy Fellowship Award

- Benoît Drolet – Université Laval - Sanofi-Aventis New Investigator Award
- Nancy Waite – University of Waterloo - Bristol Myers Squibb National Award for Excellence in Education
- Niladri Chattopadhyay – University of Toronto - GSK Graduate Student Research Award
- Peter Wells – University of Toronto - Pfizer Research Career Award
- Roderick Slavcev – University of Waterloo - Janssen Innovation in Education Award

The following were the 10 winners for the AFPC - Rx and D Pharmacy Student Research Poster Award.

- Arash Falamarzian – University of Alberta
- Ian Wong – University of British Columbia
- Jovana Tomic – University of Saskatchewan
- Lacey Corbett – Memorial University
- Mélanie Rouleau – Université Laval
- Melanie Trinacty – Dalhousie University
- Payam Zahedi – University of Toronto
- Tarek Mohamed – University of Waterloo
- Valery Aoun – Université de Montréal
- Yining Li – University of Manitoba

The award winners will be recognized at the June 7 AFPC awards banquet.

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CPERC 2011 - Planning is well underway for the June 5-7 Winnipeg conference. The title for the conference is “Pharmacy at the Forks – Education and Research Coming Together”. We are expecting approximately 100 attendees. The opening reception is on the evening of June 5, two full days of sessions will occur on June 6-7 (including a June 6 evening faculty tour and CE event), and the awards banquet will be held June 7. The keynote speaker is Dr. John Gilbert (Interprofessional Health Collaborative) and featured speakers are Dr. Pierre Moreau and Dr. Victor Yanchick (integrating pharmaceutical sciences into the curriculum). Silvia Alessi-Severini and her local planning committee have worked very hard to put together a exciting program.

June 2011 AFPC Annual Council and General Meeting – The current AFPC council annual meeting will be on June 5, and the new council meeting will be on June 8. The AFPC annual general meeting will be held on June 7.

Educational outcomes (levels of performance) – The 2<sup>nd</sup> phase of the educational outcomes project continues to be on track. Based on feedback from AFPC council and selected external stakeholders, Nancy Winslade and the ad hoc task force developed a second iteration of the educational outcomes levels of performance document. The document was reviewed by AFPC council in March / April. A final version of the document will be available for final review by AFPC Council at the June 5, 2011 council meeting.

February 2011 AFPC Council Mid Year Meeting – The following were some of the highlights from the meeting: external stakeholder consultations occurred with Health Canada officials about the Food and Drugs Act modernization process and about Health Products Branch recruitment needs; stakeholder consultation occurred with Jeff Morrison from the Canadian Pharmacists Association and external advocacy and relationship building; the AFPC 2011 operating budget was approved; individual faculties reported they are still in early stages of implementing the 2010

educational outcomes; and a working draft of AFPC program evaluation guide was approved for release.

**ADPC**

February 2011 ADPC Mid Year Meeting – The following were some of the highlights from the meeting: external stakeholder consultations occurred with Health Canada officials about the Food and Drugs Act modernization process and about Health Products Branch recruitment needs; stakeholder consultation

occurred with Rx and D about future potential partnerships; the Deans reviewed recommendations of the Canadian Academy of Health Sciences expert panel about the Canadian Health Care system and chronic disease; and the Deans reviewed the working draft of ADPC Canadian pharmacy faculties and schools 2009-2010 benchmark data.

June 2011 Deans Interim Meeting – A brief interim meeting will be held in Winnipeg on June 6.

We would like to acknowledge the following sponsors who are providing support to AFPC. The following is a list of confirmed sponsors for 2011 awards and / or the conference. There are a few other sponsors who have not yet confirmed their support.

- Rx and D
- Merck
- Pfizer
- GlaxoSmithKline
- Janssen
- Sanofi-Aventis
- Nycomed
- Teva
- McKesson
- Bristol Myer Squibb
- Leo-Pharma

Have a wonderful summer.



AFPC/ADPC Executive Director



## Conference 2011

The 2<sup>nd</sup> annual Canadian Pharmacy Education and Research Conference (CPERC) / Congrès sur l'enseignement et la recherche en pharmacie au Canada (CERPC) and the 68<sup>th</sup> AFPC Annual General Meeting will be held in Winnipeg (Manitoba) on June 5-7, 2011 at the historical Fort Garry Hotel. The conference will focus on the evolving Pharmacy curriculum and the pan-Canadian initiatives in interprofessional education. The conference will start on Sunday evening with a registration reception and the opening dinner with the presentation of the awards. Monday will feature a presentation by Dr. John Gilbert and a panel discussion on interprofessional education initiatives across the country. In the afternoon, breakout session participants will engage in discussions on critical issues in pharmacy education. On Tuesday, aspects of the pharmacy curriculum will be discussed. Research posters will be presented both days with judging occurring on the Tuesday. The AFPC Annual General Meeting is scheduled for 12:00 on June 7<sup>th</sup>. See detailed program information below. The AFPC web link for additional conference information and registration is <http://www.afpc.info/content.php?SectionID=3>  
<http://www.afpc.info/content.php?SectionID=3&ContentID=136&Language=en&ContentID=136&Language=en>

Local Organizing Committee: Silvia Alessi-Severini, Hope Anderson, Kelly Brink, Shawn Bugden, Ruby Grymonpre, Nancy Kleiman, Alan McIntosh, Mike Namaka, Lavern Vercaigne.



## Program

Sunday	June 5, 2011	Monday	June 6, 2011 Evening Sessions
8:00 - 17:00	AFPC council meeting	18:00 - 19:00	Faculty of Pharmacy Tour/ Buffet Reception
15:00 - 19:00	Registration		
18:30 - 19:30	Reception Greetings from Manitoba's Minister of Health, Honourable Theresa Oswald		
19:30 - 21:30	Opening dinner, Broadway Room, Fort Garry Hotel		
Monday	June 6, 2011		
7:00 - 17:00	Registration/ Poster/Exhibit	19:00 - 21:00	<b>CE sessions: Exploring Professional Boundaries</b> Shawn Bugden, University of Manitoba (Chair) <b>Pharmacy Vaccine Administration</b> Christine Hughes, University of Alberta <b>PD Together</b> Jennifer Isehor, Dalhousie University <b>Susan Lessard-Friesen and Karen Grant, iCPD Manitoba Network</b> <b>Safety First: Simulations for Safety</b> Manitoba Institute for Patient Safety <b>Career mentoring session (for students)</b> Harold Lopatka, University of Alberta
7:00 - 8:00	Breakfast		
8:00 - 9:30	Interprofessional Education Keynote: IPE/C Two Wicked Questions in Search of Answers John Gilbert, Canadian Interprofessional Health Collaborative		
9:30 - 10:00	Break		
10:00 - 12:00	IPE panel discussion Ruby Grymonpre, University of Manitoba (Chair) Wayne Hindmarsh, CCAPP Andrea Cameron, University of Toronto Kelly Brink, University of Manitoba Harriet Davies, Dalhousie University Lynda Eccott, University of British Columbia Marie-Claude Vanier, Université de Montréal		
12:30 - 14:00	AFPC AGM and luncheon		
14:00 - 15:35	Educational Outcomes, Curriculum Mapping, and Program Evaluation Coming Together Sheryl Zelenitsky, University of Manitoba (Chair) Educational Outcomes: What Are They and How Are They Used? Terri Schindel, University of Alberta Curriculum Mapping: from Theory to Application Sheryl Zelenitsky, University of Manitoba Cheryl Kristjanson - Director UTS, University of Manitoba  Small group discussions		
15:35 - 15:50	Break		
15:50 - 17:00	Program Evaluation: Ensuring Value and Sustainability Ingrid Price, University of British Columbia  Small group discussions		
Tuesday	June 7, 2011		
7:00 - 18:00	Registration/Poster/Exhibit		
7:30 - 8:30	Breakfast		
8:30 - 10:00	Integrating basic sciences into new curricula Lavern Vercaigne, University of Manitoba (Chair) Pierre Moreau, Université de Montréal Victor Yanchick, Virginia Commonwealth University		
10:00 - 10:30	Break		
10:30 - 12:00	National Award Winners' presentations  Lunch		
12:00 - 14:00	Poster judging Chair, Alan McIntosh, University of Manitoba		
14:00 - 15:00	Experiential education Kelly Brink/Nancy Kleiman, University of Manitoba (Co-Chairs) Katrina Mulherin, PEP-Canada Cathy Rippin-Sisler and Susan Bowman, WRHA, Manitoba Donna Woloschuk, WHRA, Manitoba		
15:00 - 15:20	Break		
15:20 - 16:30	Small group discussions		
18:00 - 21:00	Closing Dinner/Awards (At the Forks!)		
Wednesday	June 8, 2011		
8:00 - 12:00	AFPC new council meeting		

### School News

We are pleased to announce that Dr. David Edwards has accepted the appointment of Professor and Hallman Director of the School of Pharmacy at the University of Waterloo. Dr. Edwards is currently Chair of the Department of Pharmacy Practice at Wayne State University in Detroit, although he maintains Canadian citizenship and lives in LaSalle, ON. Dr. Edwards holds his BSc Pharm from the University of Toronto and his PharmD from the State University of New York (Buffalo). He is currently completing a Master's degree in Public Health, through Wayne State. Dr. Edwards is an experienced administrator, teacher, researcher and graduate supervisor. His areas of expertise include Pharmacokinetics, drug metabolism, and drug bioavailability. He has been named Instructor of the Year by Wayne State students twelve times; he has published extensively, and he holds a US patent. Dr. Edwards will take up his appointment on June 1, 2011. We look forward to welcoming him to the team.



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Dr. Nancy Waite, Interim Hallman Director of the School of Pharmacy, has been selected as the 2011 recipient of the Association of Faculties of Pharmacy of Canada (AFPC) / Bristol-Myers Squibb National Award for Excellence in Education. This prestigious award recognizes the development of major innovations in pharmacy education. In their nomination, Drs. Jeff Nagge and Cynthia Richard highlighted Dr. Waite's leadership in the development of Waterloo Pharmacy's unique curriculum, with particular emphasis on co-op, community service learning, and integrated courses. They referenced her extensive experience in curricular design and delivery, her involvement in pharmacy educational endeavours at the international level, and her willingness to support junior faculty members while allowing them the freedom to innovate. The award will be presented at AFPC's annual conference in June.

Dr. Roderick Slavcev, Shoppers Drug Mart Professor in Business & Entrepreneurship, has been named the first

ever recipient of the AFPC - Janssen Innovation in Education Award. This national award was created to honour "the development of significant innovations in teaching, learning and/or assessment" in a Canadian pharmacy program. Dr. Slavcev was recognized for his leadership role in creating and delivering the multiple components of Waterloo Pharmacy's business curriculum, including the Fundamentals of Business Administration & Management core course; the Pharmasave Business Case Competition; the Seminars in Pharmacy Management & Leadership; independent study opportunities in entrepreneurship or management; 4th year electives in BioPharma Management & Commercialization and Personal Finance & Entrepreneurship; and the creation of the Pharmacy Investment Club, which now boasts more than 75 members and over \$8,000 in invested funds. This award will also be presented at AFPC's annual conference.

On January 6, 2011, the School of Pharmacy welcomed its newest students at the annual White Coat Ceremony. The ceremony serves as an induction into the profession of pharmacy and an important step in the development of conscientious and compassionate health professionals. The class of 2014 numbers 116 students; their hometowns range across all regions of Ontario, as well as Quebec and British Columbia. Nearly half already hold a Bachelor's degree, and 64% of them are female. This special group brings the School up to full class complement, with students enrolled in all four years of the undergraduate program.



At the same time as the Class of 2014 is getting underway, the vanguard class is preparing to depart. These first students will complete their studies in August, with convocation taking place in October. They are actively planning for their post-graduate lives, organizing recruitment events with employers and deciding on pharmacy-focused convocation activities. Thirteen students have secured hospital residencies.

The fall of 2010 was very challenging for the School in terms of co-op positions. We are delighted to report that all 204 students were placed, thanks to the committed involvement of our co-op employers, and

significant hard work by the experiential team. The University partnered with the provincial government to offer special, one-time incentive funding for specific employers who created research-focused positions. This resulted in some amazing experiences for our students. The projects they undertook included: *Intentional Non-Adherence in Frail Elderly Patients Attending a Geriatric Day Hospital*; *Quality Assurance for Persistent Pain Management in a Non-Specialist Interprofessional Pain Clinic*; and *Research, Documentation and Testing for a New Narcotics Data Analysis Tool*. Results of the students' work have led to publications, team education and follow-up projects, and have informed critical processes such as hospital accreditation. Subsequent co-op terms have returned to a more typical pattern, with approximately 30% more jobs than students. Recruitment is now underway for Fall 2011, with both junior and senior students available for hiring.

As the curriculum has developed for senior students, one significant feature has been the introduction of numerous elective courses. Offerings include critical care, oncology, pharma biotech business strategy, and independent study options that allow a student to pursue a research project, among many others.

The School's second Mini Pharmacy School program launched on April 26, 2011. Mini Pharmacy School offers six weeks of informative talks on health and pharmacy-related topics, delivered by School of Pharmacy instructors. Geared to the general public, the atmosphere is relaxed and informal, with lots of opportunity for questions. Topics this year include: foods that provide health and medical benefits; how the internet empowers patients; schizophrenia and bipolar disorder; and many others. More than 125 individuals are registered.

### Appointments

Waterloo welcomes three new Adjunct Clinical Lecturers/Sessional Lecturers for the upcoming Spring term:

- Katlyn Sheldon will be teaching PHARM322 Clinical Applications of Pharmaceutical Sciences. Katlyn is currently completing her Master's degree in Dr. Slavcev's lab.
- Mike Sullivan will be teaching PHARM370 Personal and New Venture Financial Management (elective). Mike is the president of Cubic Health Inc., an innovative drug plan management company.
- Rita Dhani will be teaching the PHARM130 Professional Practice Course 2 and will also be TA-ing during the Spring session. Rita is a clinical pharmacist at London Health Sciences Centre.

## Student News

The annual Ontario Pharmacists' Association Student Cup hockey tournament took place on March 20, 2011 at Varsity Arena in Toronto. Each year, student teams from the University of Toronto and University of Waterloo compete in a hotly contested hockey game, and raise funds for local charities. For 2011, bragging rights go to Waterloo, with 10-2 victory over Toronto.

President and Vice President of the Society of Pharmacy Students (SOPhS) Kaitlin Bynkoski and Robyn McArthur worked with their colleagues at the University of Toronto, David Yam and Bryan Falcioni, to create the first Ontario Pharmacy Student Integrative Summit. Held April 2 in Niagara Falls, the conference

was designed to celebrate and bring together student leaders from both schools and encourage collaboration. Four representatives were selected from each of the pharmacy classes at both schools, based on application criteria. The students worked together on case studies, and demonstrated their therapeutic, evidence-based medicine, drug information, resource gathering and presentation skills. Special guest speaker was Olavo Fernandes, Director of Pharmacy - Clinical, University Health Network, and Assistant Professor with the Division of Pharmacy Practice at the Leslie Dan Faculty of Pharmacy, University of Toronto. Plans are already underway to make the conference an annual event, and extend it to two days.

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## Grants

Dr. Shawn Wettig has received an NSERC Discovery Grant in the amount of \$125,000 over five years, to support the project: *Pluronic-based Nanoparticles as Novel DNA Transfection Vectors*.

Dr. Mike Beazley, in collaboration with Drs. Zoya Leonenko (UW Department of Physics) and Melanie Campbell (UW Departments of Physics and Optometry), has received a Canadian Institutes of Health Research, Institute of Aging Catalyst Grant in the amount of \$50,000. The grant will support the project: *The role of melatonin in neuroprotection during aging and in Alzheimer's disease*.

Dr. Mike Beazley, in collaboration with Dr. Rishma Walji (University of Ottawa) and Ms. Lisa Prokopich (UW School of Optometry), has received an Ontario Health Human Resources Research Network grant in the amount of \$56,400. The grant will support the project: *Policy Analyses of Scope of Practice Changes in Relation to Prescribing for Optometry and Pharmacy and the Newly Regulated Health Profession of Pharmacy Technicians*.

Dr. Jamie Joseph and his collaborator Dr. Patrick MacDonald recently received a Canadian Institutes of Health Research grant in the amount of \$601,400, for the project: *The role of anaplerosis in glucose-stimulated insulin release*.

Dr. Nancy Waite has received a grant from the Waterloo Centre for the Advancement of Co-operative Education in the amount of \$58,500, for the project: *Pharmacist coaches to enhance student development into reflective practitioners*.

## Presentations/Posters/Publications

Certina Ho, Adjunct Clinical Assistant Professor, with undergraduate students Lindsay Yoo (Class of 2012), Calvin Poon (Class of 2012), Sanaz Riahi (Class of 2011) and collaborators, has published three abstracts:

- Cheng R, Lee C, Hyland S, Senders J, Ho C. Medication incidents involving cancer chemotherapy agents. *The Canadian Journal of Hospital Pharmacy* 2011; 64(1): 79-80.
- Cheng C, Yoo L, Ho C, Kadija M. Identification of medication safety indicators in acute care settings for public reporting in Ontario. *The Canadian Journal of Hospital Pharmacy* 2011; 64(1): 80.
- Cheng R, Poon C, Riahi S, Hyland S. Medication incidents involving psychotropic drugs: An aggregate analysis.

Certina Ho presented at the following conferences:

(1) Pharmacy Association of Nova Scotia Continuing Education Session. Topic: *Medication Safety Initiatives and Continuous Quality Assurance in Community Pharmacies*. Halifax NS, March 2011.

(2) 11th Annual Dean's Graduate Student Research Conference, Ontario Institute for Studies in Education, University of Toronto. Topic: *Experiential Learning in Undergraduate Pharmacy Curriculum at the University of Waterloo: A Case Study of Co-operative Experience of Pharmacy Students*. Toronto ON, March 2011.

Certina Ho and undergraduate student Eric Romeril (Class of 2011) presented at the University of Waterloo Opportunities and New Directions Conference, on the topic of *Evidence Based Medicine and Critical Appraisal (EBM/CA) Teaching Trends in Canadian Pharmacy Schools*. Waterloo ON, April 2011.

## Graduate Student News

PhD student Haitang Wang (Sup: S. Wettig) has been awarded a one year PhD fellowship from the CIHR Drug Safety and Effectiveness Cross-Training program.

PhD student Renjitha Pillai (Sup: J. Joseph) has been awarded an NSERC Postgraduate Scholarship in the amount of \$21,000 per year, recognizing high calibre scholars who are engaged in master's or doctoral programs in the natural sciences or engineering.

MSc student Chilbert Dong (Sup: M. Foldvari) was awarded the \$5,000 Donald J. and Kathleen D.

McDougall Graduate Scholarship, recognizing academic merit and financial need.

MSc student Tarek Mohamed (Sup: P. Rao) won the AFPC Pharmacy Student National Poster Award and will present a poster titled: *Design, synthesis and structure-activity relationship (SAR) studies of 2,4-disubstituted pyrimidine derivatives: Multi-functional small molecules for the potential treatment of Alzheimer's disease* at the 2011 second annual CPERC Conference and 68th AFPC Annual General Meeting in June.

## FACULTY NEWS

### UNIVERSITY OF ALBERTA

#### Faculty News

##### Awards

Congratulations to the following award winners:

Dr Nesé Yuksel is the recipient of the 2011 APEX (Alberta Pharmacy Excellence) Award of Excellence for her work with Women's Health.

Dr Nesé Yuksel is the recipient of the 2011 CPhA Patient Care Achievement Award for Specialty Practice.

Dr Nesé Yuksel was one of only six faculty members from across the entire University, to receive the University of Alberta 2011 Rutherford Award for Excellence in Undergraduate Teaching. This award recognizes teaching excellence by a full-time continuing academic staff.

Drs Cheryl Sadowski and Lisa Guirguis who were members of a 7 person team that has received the University of Alberta 2011 Teaching Unit Award. This award is given for collaboration between instructors from different faculties, in this case for the *Smart Condo Design Course*.

Congratulations to the following recipients of the Faculty of Pharmacy and Pharmaceutical Sciences Award of Merit 2010:

Terri Schindel  
Dr Fakhreddin Jamali

This year marks a century of regulated pharmacy practice in Alberta. As part of the Centennial, a once-in-a-century award, called the Alberta Centennial Award of Distinction was awarded to recognize the outstanding contributions of individuals who helped advanced pharmacy in Alberta. The following faculty members were recipients of the Alberta Centennial Award of Distinction.

Michelle Foisy  
Christine Hughes  
Fakhreddin Jamali  
Sharon Mitchell  
Franco Pasutto  
Cheryl Sadowski  
Terri Schindel  
Scot Simpson  
Nesé Yuksel  
John Bachynsky (Dean Emeritus)  
Sheila Kelcher (former Clinical Associate Professor)  
Ron Coutts (Professor Emeritus)

## Grants

**Dr Mike Doschak, PI.** CIHR Catalyst Grant: Bone Health for “In Vivo microCT and microMRI Evaluation of Bone Marrow Lesion in a Rat Model of Osteoarthritis.” Co-PIs: Lambert, RG; Maksymowych, WP; \$85,663 for one year.

**Dr Mike Doschak, PI** Canadian Light Source (CLS) Synchrotron Facility National Canadian Beamline Competition (Federally funded) Title: Strontium drug K-edge detection in rat bone by synchrotron micro-CT imaging. Awarded 3 cycles (18 months).

Congratulations to the following NSERC Discovery Grant Recipients:

**Dr. Lars Oliver Klotz**, “Nutritional antioxidants: modulation of cellular stress signalling”, \$67,000/year for five years.

**Dr. Kamaljit Kaur**, “Investigation of peptides and peptidomimetics for developing bioactive molecules”, \$25,000/year for five years.

**Dr. John Seubert**, “Role of eicosanoids in limiting cellular toxicity”, \$36,000/year for one year.

## General Faculty News

### Toxicology Research Group

A Toxicology Research group has been established that is comprised of individuals who are directly or indirectly interested in research projects involving a range of aspects in toxicology. This team brings together interdisciplinary research members from various Faculties across the University to share and discuss common interests in the area of toxicology. Members from the Pharmaceutical Sciences Division consist of Dion Brocks, Ayman El-Kadi, James Kehrer, Lars-Oliver Klotz, Raimar Loebenberg, John Seubert (coordinator), Arno Siraki, and Carlos Velasquez.

### Pharmacy Students vs Pharmacy Alumni Hockey Challenge:

Alberta Pharmacy Students Association (APSA) challenged the Pharmacy Alumni Association to a friendly game of hockey and on Saturday, March 26, 2011 students, alumni and staff came together to play and watch some exciting hockey. The game started with our national anthem and a ceremonial puck drop by our Dean, Dr James Kehrer. The game was fast paced and in the end the alumni defeated the students 8 – 3.

### In Memoriam

It is with great sadness that we share the passing of Laura Chee, a 2<sup>nd</sup> year pharmacy student. Laura is remembered as a young, hardworking student with a bright smile and a contagious laugh. The Chee Family has created the Laura Chee Memorial Scholarship in Pharmacy in honor of her memory

## UNIVERSITY OF BRITISH COLUMBIA

### General Faculty News

Spring is upon us, and from Daylight Savings Time changes to warmer weather, everyone is “springing forward” – and so has our Faculty. Our new building at the corner of Westbrook Mall and Agronomy Road is taking shape with each passing day. The sixth floor can now be seen and overall construction is 15% complete.

Work on our strategic plan continues. As we chart a future course of innovation and preeminence, we look forward to collaborating with our stakeholders to ensure that our vision places us in the best possible position to support the students, practitioners, organizations and communities that we serve. Our Celebrate Research Week event in March, *Recent Advances in Diabetes Treatment*, was one of our most highly attended events to date. Recently, our Graduate Program was recognized with the Peter Larkin Award. This esteemed distinction is given to a UBC graduate program that significantly impacts student life and development in a

positive way, and we are very proud of this accomplishment. Soon we will announce our new Associate Dean of Practice Innovation. We’re excited to welcome this individual to our Faculty and the added academic and research strength that this position brings. The energy of Spring will also extend to our alumni on May 28 when we will be hosting exclusive tours of our new building construction site. Our Alumni Weekend event will be a wonderful opportunity to celebrate the successes of the past and present as well as generate excitement for new levels of excellence in the future. Celebrations will continue at the Annual Dean’s Reception on May 31 where we congratulate our graduating classes of the 2010-2011 year for their hard work and dedication. And in June, the 22<sup>nd</sup> Annual Bernie Riedel Golf Tournament will be taking place. The “spring in our step” is evident, with lots of activity and more on the horizon as we move into Summer. To stay up to date with Faculty news, subscribe to our newsletter at [www.pharmacy.ubc.ca/aboutus/newsletter](http://www.pharmacy.ubc.ca/aboutus/newsletter).

### **New Pharmacists Clinic will expand our community involvement**

The pharmacy profession is not practiced in isolation. In determining optimal healthcare outcomes, our pharmacists work with patients and healthcare providers in a collaborative dialogue where information is shared openly. A pharmacist's work is enriched by what is learned from patients and through donor-supported cooperative partnerships with the community. In the new Faculty of Pharmaceutical Sciences building, we will expand on community involvement through our Pharmacists Clinic: a place where patient-centred care is the norm and people will be educated on their benefits and risks of drug therapy with a discussion of options that fit their preferences and lifestyle. "It's a truly innovative concept," says Tessa Nicholl, Instructor and one of several key Faculty members involved with developing the Clinic. "The public will be able to access direct patient care and medication counseling through community seminars and personal consultations. Simultaneously, pharmacy students, residents and practicing pharmacists will benefit from the clinic as a training centre."

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### **Celebrate Research 2011: Recent Advances in Diabetes Treatment**

The Faculty of Pharmaceutical Sciences, along with our partner, the Canadian Diabetes Association, proudly hosted our largest Celebrate Research Week event yet on March 7, 2011. Four world-class speakers (respected historian Michael Bliss, Jay Wortman MD, Tony Lam PhD and Bruce Verchere PhD) led attendees through some important issues and recent treatment advances in diabetes research, at the Telus Studio Theatre at The Chan Centre for the Performing Arts.

### **UBC Pharmaceutical Sciences Graduate Program wins Peter Larkin Award**

The Faculty of Pharmaceutical Sciences is proud to announce that it has received the Peter Larkin Award in recognition for its Graduate Program. The award acknowledges a UBC graduate program or department that has significantly impacted on student life and development in a positive way.

### **The Office of Experiential Education (OEE) (formerly SPEP) has a new name and new faces.....**

We are very pleased to welcome Mr. Paulo Tchen who joined the Experiential Program in March as a Full time Lecturer & Coordinator. In April, we will be joined by Mr. Jas Jawanda, Part time Lecturer & Coordinator.

The idea for the Clinic was conceived out of an interest in education, innovation, and patient-centred care independent of pharmaceutical sales. It takes an interprofessional collaborative approach and is based on making shared and informed decisions on medication therapy management. "The Pharmacists Clinic will be a referral centre for healthcare professionals," Tessa explains. "We will provide drug therapy assessments, educate patients on the risks of drug therapy and identify drug therapy problems in an experiential learning environment." Patients will also be invited to participate in clinical and practice-based health outcome research.

The vision of the Clinic is to optimize drug therapy for patients. By understanding the pros and cons of medications and individualized pharmacologic therapies, patients will derive the best possible health outcome for themselves. The Clinic will serve as an adaptable model of community-based pharmacy practice, which hopefully will be recreated in other community settings.

### **The BC Pharmacy Technician Bridging Program**

Since Summer 2010, the Continuing Pharmacy Professional Development Program (CPPD), through a partnership with College of Pharmacists of British Columbia, has offered the Pharmacy Technician Bridging Program (available until 2015). The objective of the program is to assist pharmacy technicians currently working in the profession to meet new regulatory requirements and expanded practice capabilities.

In the Summer and Fall of 2010, over 200 students enrolled in classroom modules of Pharmacology (6), Product Preparation (3), and Management of Drug Distribution Systems (1) across the province. Collectively, 88% of students were successful. Enrollment in January 2011 classes more than doubled to over 400 students. There are currently 16 classes running across the province.

### **UBC Student Leader Recognition**

At this year's 7th Annual Student Leader Recognition Reception held on April 16<sup>th</sup>, Charles Au (4th Yr), Dave Marchand (4th Yr), Gloria Su (3rd Yr), Lora Wang (3rd Yr) and Herb Wong (4th Yr), all from the Pharmaceutical Sciences' Entry-to-Practice program, were recognized for their outstanding leadership and service.

### **Getting our Graduates Practice-Ready**

The Faculty has been engaged in a variety of curriculum renovation efforts over the past year to enhance the Entry-to-Practice program and to better prepare our graduates for practice. Two such initiatives are:

#### ***Injections Training***

The Faculty responded to recent legislation changes permitting pharmacists to provide immunizations by offering 4<sup>th</sup> year students an opportunity to become competent in administering injections prior to graduation. Nearly 60% of the soon-to-be-2011 graduates have successfully completed the training. All told, approximately 160 new graduates have been certified in the past two years, making them ready to deliver this service to the community.

#### ***Physical Assessment***

The entry-to-practice curriculum has been the subject of discussion, brainstorming and field research over the past two years through Faculty retreats and ad hoc committees addressing all aspects of the program. As a result, a physical assessment module was created and implemented throughout the program. While these curricular initiatives are all works in progress and will need to be evaluated, informal student feedback has so far been positive.

### **Making Lemons Into Lemonade: The Story of Merck's Recent \$250,000 Equipment Donation**

It was a sad day when Merck Canada closed the doors on its excellent research facility in Kirkland, Quebec in Fall 2010. Although the laboratory was well known for

its excellence in research and productivity of its scientists, the merger of Merck and Schering-Plough in 2009 prompted a worldwide review of all its research and manufacturing facilities. In designing its new network, Merck evaluated its global resources and capabilities and focused on how best to organize research to efficiently and successfully deliver on its objectives. This unfortunately meant the closure of its Centre for Therapeutic Research (MRL). In the midst of the difficult process of implementing the closure, Patricia Massetti (Vice-President of Public Affairs and Stakeholder Relations) and Norma Sebestyen (Director of Policy and Reimbursement for Western Canada) saw a creative opportunity to help the Faculty of Pharmaceutical Sciences at UBC. "Merck believes in continuing support in research endeavours as well as academic initiatives," says Patricia Massetti. "That is why Merck ensured that MRL equipment was donated to major institutions across Canada, and in particular to UBC." The result is a very generous donation of lab equipment and supplies valued at approximately \$250,000. Some of it will be put into immediate use, and some will be stored for use in the expanded laboratories in the new building. In the words of Dean Bob Sindelar, "Merck has a long standing reputation for innovative research in Canada and beyond. The presence of this equipment in our laboratories will be an impetus for our Faculty to continue Merck's legacy in fine pharmaceutical research. We are deeply grateful not only for their generosity, but also for supporting Canadian academic research in the midst of challenging times in the industry."

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### **UBC Alumni Weekend: Party at the Point**

Attend UBC Alumni Weekend on Saturday, May 28, 2011 with family and friends and fall in love with your alma mater all over again. The day isn't complete without joining VIP-guided construction site tours of our new building from 1-4 pm (last tour at 3:30) hosted by the Faculty of Pharmaceutical Sciences. Come

preview the exciting next chapter in pharmacy education and practice in British Columbia. Browse the full Alumni Weekend schedule and register at: <http://www.alumni.ubc.ca/events/alumniweekend/alumni-weekend-schedule/> . Don't delay, some events are already sold out!

#### **In Memoriam**

With great sadness, the Faculty bids farewell to Dr. Bernard E. Riedel, Professor and Dean Emeritus. Dr. Riedel passed away April 6, 2011 following a difficult and long illness. He served with great distinction as our Dean from 1967 to 1984 and also as Coordinator of Health Sciences from 1977 to 1984. For his extraordinary contributions, Dr. Riedel was recognized with a number of awards including the order of Canada in 1996. Over his career, he has made a significant impact on our Faculty, the profession, and community.

## Grants

### CIHR Team Grants

N. Ayas, F.R. Almeida, S. Bryan, S.S. Fels, J.M. Fitzgerald, J.A. Fleetham, J.A. Fleming, B.M. Kwiatkowska, I. Laher, A. Lowe, G.B. Mancini, **C.A. Marra**, F. Ryan, A.J. Sandford, W.A. Sheel, S.F. Van Eeden. Respiratory Sleep Disorders Research Team. Sleep and Circadian Rhythms: \$1,422,129 for 5 years.

K.C. Cheung, **M.B. Bally**, C.D. Roskelley. Hydrogel-based microfluidic cell culture system for controlled drug dosage effects. Collaborative Health Research Projects (NSERC Partnered). \$348,750 for 3 years.

J.M. Fitzgerald, K. Ho, **R. Kassam**, A. Kazanjian, N.A. Kahn, S. Lam, M. Mayhew, M.J. McGregor, D. Sin. Assessing Chronic Obstructive Pulmonary Disease (COPD) knowledge, beliefs, and health literacy in Chinese Immigrant adults in the Greater Vancouver Area (GVA): A population-based disease management study. Pfizer Operating Grant in Disease Prevention and Management. \$200,000 for 1 year.

C.E. Orvig, R. Wang, **K.M. Wasan**. Development and potential mechanisms in bifunctional lanthanide compound enhancement of deteriorating bone structures.

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### **Awards and Honours**

Dr. Kishor Wasan - named *Editor of the European Journal of Pharmaceutics and Biopharmaceutics*, elected *Fellow of the Canadian Academy of Health Sciences*, appointed to the *Grand Challenges Canada Advisory Board for the Canadian Rising Stars in Global Health Section*, and winner of the *2011 CSPS Award of Leadership in Canadian Pharmaceutical Sciences*.

Dr. Fawziah Marra - winner of the *Dr. Lindsay E. Nicolle Award* for her recent paper *The relationship among antibiotic consumption socioeconomic factors and climatic conditions* published in Volume 21, No 3 of *The Canadian Journal of Infectious Diseases & Medical Microbiology*.

### **Publications**

Allan GM, Ivers N, McCormack J. Type 2 diabetes and ASA. *Can Fam Physician*. 2010; 56:664.

Babovic S, Wasan KM. Impact of the trade-related aspects of intellectual property rights (TRIPS) agreement on India as a supplier of generic antiretrovirals. *J Pharm Sci*. 2011 Mar;100(3):816-21. Epub 2010 Aug 25.

Brown S, Babovic S, Wasan KM. Increasing access to

Collaborative Health Research Projects (NSERC Partnered). \$490,820 for 3 years.

**P.J. Soja**, Michael Chase, John H. Peever and B.R. Sastry - Effects of Age and Apnea on Cognitive and Sensorimotor Processes During Sleep and Wakefulness. Sleep and Circadian Rhythms: \$1,985,000 for 5 years.

### CIHR Operating Grants

I.R. Nabi, **U.O. Hafeli**, B. Joshi, L.D. Kojic. Evaluation of autocrine motility factor as a targeted delivery agent for cancer therapy. \$405, 657 for 3 years.

J.A. Johnson, **C.A. Marra**, Y. Yasui. Cancer incidence and glucose lowering therapies for Type 2 Diabetes: Are there differences between agents? \$135,370 for 2 years.

**R.M. Procyshyn**, A.M. Barr. Understanding Persistent Antipsychotic Polypharmacy: A Prevalent Practice Without Evidence. \$341,294 for 3 years.

S.D. Aaron, D. Sin, J.E. Connett, G.J. Criner, **C.A. Marra**, F.J. Martinez, J.R. Swiston. Simvastatin Therapy for Moderate and Severe COPD (STATCOPE). \$100,000 for 1 year.

essential medicines: diversifying Canada's approach. *J Pharm Sci*. 2011 Feb;100(2):411-5.

Cantarovich M, Brown NW, Ensom MHH, Jain A, Kuypers DRJ, Van Gelder T, Tredger JM. Mycophenolate Monitoring in Liver, Thoracic, Pancreas and Small Bowel Transplantation: a Consensus Report. *Transplantation Reviews*. 2011; 25:65-77.

Ensom MHH, Decarie D, Lakhani A. Stability of Vancomycin 25 mg/mL in Ora-Sweet: Water (1:1) in Oral Cups and Plastic Bottles Under Refrigeration and at Room Temperature. *Can J Hosp Pharm*. 2010;63:366-72.

Fleischer JG, Rossignol D, Francis GA, Lchan T, Lynn M, Wasan KM. Deactivation of the Lipopolysaccharide antagonist citoran (E5564) by high-density lipoprotein-associated apolipoproteins. *Innate Immun* 2011 Mar 7 [Epub ahead of print] PMID: 21382909.

Gershkovich P, Wasan KM, Sivak O, Lysakowski S, Reid C, Premalatha K, Werbovetz KA. Simultaneous Determination of A Novel Antitrypanosomal Compound (OSU-36) and its Ester Derivative (OSU-40) in Plasma by HPLC application to First Pharmacokinetic Study in Rats. *J Pharm Pharm Sci*. 2011;14(1):36-45.

Kagan L, Gershkovich P, Wasan KM, Mager DE. Physiologically Based Pharmacokinetic Model of Amphotericin B disposition in rats Following Administration of Deoxycholate Formulation (Fungizone ): Pooled Analysis of Published Data. *AAPS J* 2011 Mar 23 [Epub ahead of print] PMID 21431453.

Man SSK, Carr RR, Ensom MHH. Comparison of Continuous versus Intermittent Intravenous Vancomycin Infusion: A Systematic Review. *Can J Hosp Pharm.* 2010;63:373-81.

McCormack JP. Should IV Antibiotics Be Administered by Prolonged Infusion? The Con Side. *Can J Hosp Pharm* 2010;63: 248-9.

McCormack JP, Allan GM. Measuring hsCRP - An important part of a Comprehensive Risk Profile or

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Okoli CTC, Khara M, Torchalla I, Ensom MHH, Oliffe JL, Bottorff JL, Stanley PJ. Sex Differences in Smoking Cessation Outcomes of a Tailored Program for Individuals with Substance Use Disorders and Mental Illness. *Addictive Behaviors.* 2011;36:523-36.

Poulin E, Greanya E, Partovi N, Shapiro RJ, Al-Khatib M, Ensom MHH. Development and Validation of Limited Sampling Strategies for Tacrolimus and Mycophenolate in Steroid-Free Renal Transplant Regimens. *Ther Drug Monit.* 2011;33:50-5.

Reid CS, Patrick DA, He S, Fotie J, Premalatha K, Tidwell RR, Wang MZ, Liu Q, Gershkovich P, Wasan KM, Wenzler T, Brun R, Werbovetz KA. Synthesis and antitrypanosomal evaluation of derivatives of N-benzyl-1,2-dihydroquinolin-6-ols: Effect of core substitutions and salt formation. *Bioorg Med Chem.* 2011 Jan 1;19(1):513-23. Epub 2010 Nov 5.

Seto K, Dumontet J, Ensom MHH. Risperidone in Schizophrenia: Is there a Role for Therapeutic Drug Monitoring? *Therapeutic Drug Monit.* 2011 Mar 23. [Epub ahead of print] PMID: 21436762.

Sharma V, Abraham T, So A, Allard MF, McNeill JH. Functional effects of protein kinases and peroxynitrite on cardiac carnitine palmitoyltransferase-1 in isolated mitochondria. *Mol Cell Biochem* 2010;337:223-237,

Sharma V, Sharma A, Saran V, Bernatchez PN, Allard MF, McNeill JH.  $\beta$ -receptor antagonist treatment prevents activation of cell death

a Completely Redundant Practice? *PLOS Medicine* 2010, 7:e1000196. doi:10.1371/journal.pmed.1000196.

McCormack JP, Allan GM, Virani AS. Is Bigger Better? An argument for “very” low initial doses. *CMAJ* 2011;183: 65-9.

Mustafa S, Vasudevan H, Yuen VG, McNeill JH. Renal expression of arachidonic acid metabolizing enzymes and RhoA/Rho kinases in fructose insulin resistant hypertensive rats. *Mol Cell Biochem* 2010; 333(1):203-209.

Nagareddy PR, MacLeod KM, McNeill JH. GPCR gonist-induced transactivation of the EGFR upregulates MLC II expression and promotes hypertension in insulin resistant rats. *Cardiovasc Res* 2010; 87(1):177-186.

signaling in the diabetic heart independent of its metabolic actions. *Eur J Pharmacol* 657:117-125, 2011.

Strong DK, Decarie D, Ensom MHH. Stability of Levothyroxine in Sodium Chloride for Intravenous Administration. *Can J Hosp Pharm.* 2010; 63:437-43.

Su V, Greanya E, Ensom MHH. Impact of Mycophenolate Mofetil Dose Reduction on Allograft Outcomes in Kidney Transplant Recipients on Tacrolimus-Based Regimens: A Systematic Review. *Ann Pharmacother.* 2011;45:248-57.

Ting LSL, Benoit-Biancamano M, Bernard O, Riggs KW, Guillemette C, Ensom MHH. Pharmacogenetic Impact of UDP-Glucuronosyltransferase Metabolic and Multidrug Resistance-Associated Protein 2 Transport Pathway on Mycophenolic Acid in Thoracic Transplant Recipients: An Exploratory Study. *Pharmacotherapy.* 2010;30:1097-108.

Twiddy AL, Leon CG, Wasan KM. Cholesterol as a potential target for castration-resistant prostate cancer. *Pharm Res.* 2011;28(3):423-37. Epub 2010 Aug 4.

Vasudevan H, Lau S, Jiang J, McNeill JH. Effects of insulin resistance and testosterone on the participation of cyclooxygenase isoforms in vascular reactivity. *J Exper Pharmacol* 2:169-179, 2010.

## DALHOUSIE UNIVERSITY

### Individual Faculty News

*Ten Year Celebration of Chair in Health Services Research:* On March 31<sup>st</sup>, 2011 Ingrid Sketris, Professor, College of Pharmacy, Dalhousie University celebrated 10 years of her Chair in Health Services Research. This Chair is funded by the Canadian Health Services Research Foundation (CHSRF) / Canadian Institutes of Health Research (CIHR) and is co-sponsored by the Nova Scotia Health Research Foundation (NSHRF).

### Grants

Dr. Susan Bowles, along with Capital Health colleagues Dr. Stacy Acroyd-Stolarz, Catherine Gaulton and Lori Giffen received a CIHR Catalyst grant for the project: *The Care Imperative: Improving Patient Safety in an Aging Population.*

Neil MacKinnon is the co-PI, along with Todd Boyle, on a new grant funded through the CIHR Partnerships for Health System Improvement competition. The grant is: *“Medication Incident Reporting in Community Pharmacy: Determinants of Reporting and Regulatory Effectiveness”* and the team has been awarded \$216,000.

### Publications

Fisher J, Sanyal C, Frail D, **Sketris I.** The Intended and Unintended Consequences of Benzodiazepine Prescription Monitoring Programs: A Review of the Literature. *Journal of Clinical Pharmacy and*

### Other Things

The Canadian Association for Health Services and Policy Research (CAHSPR) is meeting in Halifax, Nova Scotia - May 9-12, 2011. For information on the conference including the national organizing committee, please visit <https://cahspr.ca/en/conference>. Richard Alvarez, President and Chief Executive Officer of Canada Health Infoway, Hugh MacLeod, Chief Executive Officer of the Canadian Patient Safety Institute, The Honourable Ujjal Dosanjh, Official Opposition Critic for Health and Member of Parliament for Vancouver South, The Honourable Michael Kirby, Chair, Mental Health Commission of Canada, Anne McLellan, Former Deputy Prime Minister, Corporate Counsel, Barrett Jones and Dr. Andreas Laupacis, Executive Director, Li Ka Shing Knowledge Institute, St. Michael's Hospital are among the confirmed keynote speakers. Ingrid Sketris is Co-Chair of the CAHSPR Conference Planning Committee.

*Take as Directed*, co-authored by Rhonda Church and Neil MacKinnon, has become a national bestseller. The

*Therapeutics.* 2011 Feb 17. Doi: 10.1111/j.1365-2710.2011.01245.x [Epub ahead of print].

Latter C, McLean-Veysey P, Dunbar P, Frail D, **Sketris I**, Putnam W. Self-monitoring of Blood Glucose: What are Health Professionals Recommending? *Canadian Journal of Diabetes.* 2011; 35(1):31-38.

Metge C, **Sketris I**, Alessi-Severini S. Seeking the Balance Between Harm and Benefit: The Role of Pharmaco-surveillance in Choosing the Drugs We Should Take. *Healthcare Policy* 2011;6:100-103. [Special Issue].

Sanyal C, Asbridge M, Kisely S, **Sketris I.** Prevalence and determinants of major depressive episodes and antidepressants utilization among active members of the Canadian Forces. *Journal of Population Therapeutics and Clinical Pharmacology* 2011; 18 (1):e54-64.

Boyle TA, Mahaffey T, **MacKinnon NJ, Deal H**, Hallstrom LK, Morgan H. Determinants of medication incident reporting, recovery, and learning in community pharmacies: A conceptual model. *RSAP (Res in Social and Admin Pharm).* 2011; 7(1): 93-107.

Hohl CM, Nosyk B, Kuramoto L, **Zed PJ**, Brubacher JR, Abu-Laban RB, Sheps SB, Sobolev B. Outcomes of emergency department patients who present with adverse drug events. *Ann Emerg Med* 2011 Feb 25 (Epub ahead of print)

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book also received favourable reviews recently from the *Canadian Medical Association Journal* and the *Canadian Pharmacists Journal*. For more information see: <http://www.ecwpress.com/book/take-directed>

### Student News

Andrea Scobie, a PhD candidate supervised by Neil MacKinnon, received a CIHR PhD Doctorial Student Stipend for \$105,000 over three years. She also received \$6700 from Eli Lilly to help support her thesis project, “Perceptions of patient safety: How do we get patients involved?”

Rod Clark, Drug Use Management and Policy Resident, presented a poster entitled “An Examination of Trends in Acetaminophen/Opioid Prescriptions Using Data from the Nova Scotia Prescription Monitoring Program”, on behalf of his coauthors, at the 2011 Canadian Agency for Drugs and Technologies in Health Symposium held in Vancouver, BC, April 3-5. His poster received the “Best Student Poster Award” and a cash prize.

## L'UNIVERSITÉ LAVAL

### Individual Faculty News

Le Dr Olivier Barbier a obtenu une subvention d'un an du Conseil de recherches en sciences naturelles et en génie du Canada (CRSNG) pour le projet Coupling metabolomic and proteomic approaches in profiling endobiotics metabolism

La Dre Thérèse Di Paolo a obtenu une subvention du Conseil de recherches en sciences naturelles et en génie du Canada (CRSNG) d'une durée de 5 ans pour le projet Effect of membrane fluidity on brain receptors and transporters

Nous sommes fiers d'annoncer que le Dr Benoit Drolet est récipiendaire du prix sanofi-aventis (AFPC Sanofi Aventis New Investigator Research Award), attribué à un jeune chercheur.

Son prix lui sera remis officiellement, le 7 juin prochain, lors du banquet de clôture du congrès de l'Association des facultés de pharmacie du Canada (AFPC) qui se déroulera à Winnipeg, du 5 au 7 juin 2011.

Ce prix prestigieux permet de reconnaître le travail d'un jeune chercheur qui contribue au succès de l'AFPC.

Le Dr Pierre Gagnon et son équipe ont publié des données dans la revue scientifique *Pain Research and*

*Management* relativement à la question suivante : La médecine palliative parvient-elle à réfréner efficacement la douleur des patients cancéreux en fin de vie?

### General Faculty News

#### Lancement et implantation du programme de Pharm. D.

Le Dr Jean-Pierre Grégoire, doyen, est fier d'annoncer que la Faculté de pharmacie de l'Université Laval a obtenu l'autorisation d'offrir le nouveau programme de doctorat en pharmacie (Pharm. D.). Le programme sera donc implanté dès la rentrée universitaire de septembre 2011. Cette nouvelle a été confirmée par la réception d'une lettre transmise par madame Line Beauchamp, ministre de l'Éducation, du loisir et du sport du Québec, dans laquelle elle autorise la mise en oeuvre du programme.

La Faculté a accueilli la Dre Line Guénette au sein de l'équipe professorale de la Faculté de pharmacie, depuis le 1<sup>er</sup> mars dernier.

Le 24 mars 2011, la Faculté de pharmacie a procédé à la remise des prix d'Excellence en enseignement. Le doyen, Dr Jean-Pierre Grégoire, a eu le plaisir de remettre ces prix lors du spectacle de fin d'année des étudiants en pharmacie, le Galien.

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Le prix Louis-Philippe Demers a été décerné à Julie Racicot, diplômée de notre faculté. Elle est actuellement adjointe au chef du département de pharmacie de l'Institut universitaire de cardiologie et de pneumologie de Québec (IUCPQ), en plus de participer à l'enseignement en pharmacie à titre de professeure de clinique.

Le prix Alfred-Émile Francoeur, aussi remis lors de cette soirée, est allé à la Dre Chantale Simard, professeure agrégée et directrice des programmes de 2<sup>e</sup> cycle en pharmacie communautaire. Dre Simard est diplômée de la Faculté de pharmacie de l'Université Laval; elle poursuit son travail de recherche à l'Institut universitaire de cardiologie et de pneumologie de Québec (IUCPQ).



La récipiendaire 2011 du prix Louis-Philippe Demers, Julie Racicot, accompagnée du doyen de la Faculté de pharmacie, le Dr Jean-Pierre Grégoire



De gauche à droite: M. Donald Allard, représentant de la compagnie Bristol Myers Squibb, Dre Chantale Simard, récipiendaire 2011 du prix Alfred-Émile Francoeur, Dr Jean-Pierre Grégoire, doyen de la Faculté de pharmacie

## Students

Christine Flageole et Joannie Roberge, deux étudiantes à la maîtrise en pharmacie au sein du groupe de recherche en pharmacogénomique de la Dre Chantal Guillemette, viennent de décrocher une prestigieuse bourse d'études supérieures du Canada Frederick Banting et Charles Best des Instituts de recherche en santé du Canada (IRSC). Chacune de ces bourses est d'un montant de 17 500 \$ pour un an.

Julie Houle, doctorante supervisée par le Dr Paul Poirier, a présenté sa soutenance de thèse le lundi 11 avril 2011. Le titre de son projet de thèse est : Approche socio-cognitive en réadaptation cardiaque : effets sur l'observance à l'activité physique, les facteurs de risque et la qualité de vie.

Mélanie Rouleau, étudiante au doctorat supervisée par la Dre Chantal Guillemette, a reçu une bourse d'études supérieures du Canada F. Banting et C. Best. Cette bourse échelonnée sur trois ans est de 105 000 \$. Son projet de recherche : Étude du rôle pharmacologique et toxicologique des nouvelles formes d'épissage de la voie du métabolisme des médicaments UGT1A

Lysanne Villemure, étudiante au baccalauréat à la faculté, est récipiendaire du prix Leadership remis par la compagnie Pfizer. Ce prix souligne l'excellence du dossier académique ainsi que le leadership continu dont madame Villemure a fait preuve à titre d'étudiante et de présidente, pour l'année 2010-2011, de l'Association générale des étudiants en pharmacie (AGEP).



Lysanne Villemure au centre, accompagnée du Dr Jean-Pierre Grégoire, doyen de la Faculté de pharmacie et de madame Claudia Roy de Pfizer

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## Events

Le 21 avril 2011 se déroulait la Journée recherche  
Félicitations aux gagnants!

Stage de recherche d'été 2010:

Meilleure présentation par affiche : Amélie Dallaire-  
Théroux

Maîtrise en pharmacie d'hôpital:

1<sup>er</sup> prix – meilleure présentation par affiche : Jacinthe  
Lévesque-Gravel, Guillaume Paradis, Dominique  
Chaîné

2<sup>e</sup> prix – meilleure présentation par affiche : Marie-Julie  
Roy, Jessica Demers et Marilyn Hudon, Julie Miller

Maîtrise :

1<sup>er</sup> prix - meilleure présentation par affiche : Sarah-  
Maude Caron-Cantin

2<sup>e</sup> prix – meilleure présentation par affiche : Luta Luse  
Basambombo

Meilleure présentation orale : Simon Guérard

Doctorat :

1<sup>er</sup> prix – meilleure présentation orale : Isabelle  
Laverdière

2<sup>e</sup> prix – meilleure présentation orale : Martha-Estrella  
Garcia-Pérez

1<sup>er</sup> prix – meilleure présentation par affiche : Mélanie  
Bourque, Nicolas Morin

Prix de l'Association des facultés de pharmacie du  
Canada (AFPC):

Participation au congrès annuel de l'AFPC du 5 au 8  
juin prochain à Winnipeg : Mélanie Rouleau



De gauche à droite, à l'avant :  
Marilyn Hudon, Marie-Julie Roy, Dominique Chaîné, Amélie  
Dallaire-Théroux, Isabelle Laverdière, Mélanie Rouleau, Mélanie  
Bourque, Thérèse Di Paolo, Marie Caron  
À l'arrière :  
Jean-Pierre Grégoire, Julie Miller, Jacinthe Lévesque-Gravel,  
Guillaume Paradis, Jessica Demers, Simon Guérard, Vincent  
Ménard (président de l'ACCEP), Nicolas Morin

## Upcoming events - 2011

Journée de présentation orale des essais en pharmacie d'hôpital - 27 mai. Les prix Odette-Grech- Bélanger seront alors remis aux étudiants qui auront réalisé la meilleure présentation

Tournoi de golf de la Faculté de pharmacie - 6 juin  
Inauguration du Cercle de la Faculté – 15 juin  
Cérémonie de collation des grades des étudiants en sciences de la santé - 19 juin

Rendez-vous football – à confirmer  
Symposium de la Faculté de pharmacie UL – 14 octobre  
Journée de pharmacothérapie, le 1<sup>er</sup> décembre

Cérémonies de Reconnaissance de dons au Projet santé  
Amgen – 2 mai                      Jean Coutu – 10 mai  
Rx Vigilance – 11 mai      XD<sup>3</sup> – 16 mai  
Familiprix – 25 mai              Laurier Lavoie – 15 juin

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## UNIVERSITY OF MANITOBA

### Promotion

At the Board of Governors meeting on March 15, 2011, Dr. Hope Anderson was approved for promotion to Associate Professor effective March 30, 2011.

### Faculty and Research News: Grants

Dr. Emmanuel Ho received a CIHR operating grant in the amount of \$393,969 over 3 years. The grant is entitled “Intravaginal Ring for the Prevention of HIV Transmission”.

### Graduate Student News

#### Poster / Podium Presentations & Conference Participation

Yining Li attended OGIRC/CICMR Second Joint Conference, Ottawa in October, 2010. Poster presented: *Homocysteine induces bone morphogenetic protein-2*

*expression in rat hepatic stellate cells.* Received travel award for best poster at this conference.

Ousama Rachid attended the 2011 CADTH 7th Annual Symposium in Vancouver, BC, in April, 2011.

Ousama Rachid attended the 2010 MICH 6th Annual Child Health Research Day in Winnipeg, Manitoba in October, 2010. Poster presented: *An Electronic Tongue: Evaluation of the Masking Efficacy of Sweetening and/or Flavoring Agents on the Bitter Taste of Epinephrine.*

Parvez Vora attended the 2010 Bevil Glial Biology Conference in Birmingham, Alabama in December, 2010. Poster presented: *Emerging roles of Methyl CpG binding Protein 2 (MECP2) in myelination of brain.*

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## CPERC Conference Notice



Aerial view of The Forks. (Ron Garnet and Airscapes)

The Faculty is ready to host the 2<sup>nd</sup> Canadian Pharmacy Education and Research Conference (CPERC) / 2<sup>ème</sup> Congrès sur l'enseignement et la recherche en pharmacie au Canada (CERPC) taking place June 5-7, 2011 at the Fort Garry Hotel in Winnipeg. This year's conference is “Pharmacy at The Forks: Education and

Research Coming Together.” The local organizing committee has worked hard to finalize a very exciting program that allows for discussions / exchange of ideas on interprofessional education, curriculum mapping, educational outcomes and integration of basic sciences in new professional curricula. The conference will also showcase the research conducted at all faculties of pharmacy across the country with national award winners presenting in a special session. Manitoba Minister of Health, honourable Theresa Oswald, will be bringing greetings at the conference opening reception. Satellite evening sessions will be held at the new home of the Faculty of Pharmacy, the Apotex Centre, in the heart of the University of Manitoba's Bannatyne Campus. The closing awards dinner will be at the Forks, national historic site, where guests will enjoy a taste of Manitoba food and hospitality.

Local organizing committee: Silvia Alessi-Severini (Chair), Hope Anderson, Kelly Brink, Shawn Bugden, Ruby Grymonpre, Nancy Kleiman, Terri Martin, Alan McIntosh, Mike Namaka, Lavern Vercaigne, Sheryl Zelenitsky.

## Faculté de pharmacie, Université de Montréal

### Major cuts .... in hair styles at the Faculty de pharmacie, Université de Montréal Leucan Shaved Head Challenge

Approximately fifteen people from the Association des étudiants en pharmacie de l'Université de Montréal and Faculty accepted to take on the Leucan Shaved Head Challenge. This challenge is to raise funds to help children with cancer. Pierre Moreau, Dean of the Faculty of Pharmacy has generously accepted to join the group. «Je suis chanceux, mes enfants sont en santé. Pour donner toutes les chances aux enfants qui ont cette terrible maladie qu'est le cancer, j'ai choisi de prendre part à l'initiative de l'Association des étudiants en pharmacie de l'UdeM. Je suis très fier de nos étudiants et c'est ma façon de les encourager à continuer de s'engager dans notre société.»

Pierre Olivier Monast initiated and organized this activity Christine Bouffard and Sabrina Bergeron-Wolff, all students in the entry-level Pharm.D. program. «En tant que futurs professionnels de la santé, nous sommes exposés à la réalité du cancer et nous nous sentions appelés à faire notre part pour appuyer cette cause», mentions M. Monast.

The event took place April 5<sup>th</sup>, at the Agora of the Jean-Coutu pavilion of the University of Montreal and raised 20 000\$ for the cause. Last year, close to 9,000 participants managed to cumulate 4.5 million dollars for the organization. Leucan was founded in 1978 with the mission of helping cancer-stricken children and their families believe in a brighter future. They look after its families at each phase of the illness by providing specific and adapted services. They are active in four pediatric oncology centres in Quebec and invest nearly one million dollars annually in costs associated with clinical research and finance the Leucan Information Centre.



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The Faculty de pharmacie, Université de Montréal, is pleased to welcome Dr. Jeanne Leblond Chain as Assistant Professor. She has completed her Ph.D. at l'Université Pierre et Marie Curie, Paris VI (France) in 2005. After developing gene therapy vectors, she joined the lab of Dr. Jean-Christophe Leroux at the Faculté de pharmacie, Université de Montréal with main interest in controlled release drug delivery. This is where she developed pH sensitive molecular tweezers for controlled release anticancer drugs in collaboration with Anne Petitjean (Queen's University). She is now studying applications for such molecular tweezers in analytical pharmacy.



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## MEMORIAL UNIVERSITY OF NEWFOUNDLAND

### General School News

#### School of Pharmacy confers first PhD

In late April, Mohamed Mahmoud (commonly known as Shaker) defended his PhD thesis “New biodegradable elastomers for therapeutic protein delivery” for his examination committee and co-supervisors, making him the first graduate student to receive a PhD from the School of Pharmacy.

A citizen of Egypt, Mr. Mahmoud has been conducting his research at Memorial University since 2007. The research involved working on a new drug delivery system capable of providing a more constant and sustained delivery of treatment for cancer.

Another interesting aspect of Mr. Mahmoud's work is that most of it was accomplished under the management of a supervisor who lived and worked overseas.

Dr. Husam Younes, now an adjunct professor with the School of Pharmacy at Memorial University and founding chair of the pharmaceutical sciences department at the College of Pharmacy at Qatar University, was offered his position in Doha, Qatar,

during Mr. Mahmoud's first year. The decision was made that he would continue to supervise remotely.

“Shaker demonstrated early on that he would be an independent and strong student,” said Dr. Younes. “This encouraged me to have the confidence to take the offer in Qatar, especially knowing that Dr. Mohsen would be here.” Dr. Mohsen Daneshtalab, the associate director of graduate studies and research at the School of Pharmacy, agreed to help facilitate the arrangement and act as Mr. Mahmoud's co-supervisor.

Dr. Younes gives high credit to the role of technology in making the arrangement work over the last four years. “Despite the six-and-a-half hour time difference, we would have weekly meetings on Skype, and even journal clubs,” said Dr. Younes. “Whatever a normal supervisor would do, that is what we did over the last four years, thanks to technology. We knew that this would be a time consuming and stressful mission to make work. But this was minor compared to our determination to make it work from day one.”

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### Individual Faculty News

**Dr. Carla Dillon** and **Dr. Barbara Thomas** have become committee members of the Breastfeeding Coalition of Newfoundland and Labrador.

**Dr. Rebecca Law** was interviewed for and quoted by Maria G. Tanzi from the American Pharmacists Association in March 2011 for a Derm Update article entitled “Studies shed new light on dermatologic disorders - sunscreens, melanoma, psoriasis, and more” published in *Pharmacy Today* (2011) 17:3 pp. 48-50. (<http://www.imirus.com/tmp/5067/5828/1001/pm5067.pdf>)

### Publications

Kearney A , Adey T, Bursley M, Cooze L, **Dillon C**, Barrett J, King-Jesso P, McCarthy P. “Enhancing Patient Safety through Undergraduate Interprofessional Health Education,” in *Healthcare Quarterly*: 13 (Special), (2010) pp 88-93. (<http://www.longwoods.com/content/21972>)

**Kielly J**. “Alzheimer’s disease: updates in diagnosis, management and treatment,” *Pharmacy Practice*: 27 (2011) pp CE1-9.

Gien L, **Law R**. “Integration of Newcomers to Newfoundland and Labrador (NL): Barriers and Challenges,” in *Canadian Social Work Journal*, special issue: Settlement of Newcomers to Canada, (2010) 12:1 pp 200-209. (<http://www.casw-acts.ca/>)

**Law R**. Chapter 64: Psoriasis. In *Pharmacotherapy Principles and Practice*, 2<sup>nd</sup> edition, edited by Chisholm-Burns M, Wells B, Schwinghammer T, Malone P, Kolesar J, Rotschafer J and DiPiro J. McGraw-Hill Medical, New York (2010), pp 1079 – 1091.

### Presentations

Cahill D, Stringer K, **Dillon C**. “Nurse Practitioner as Lead Educator for Family Practice Residents in the community Care of the Frail Elderly: An Interprofessional Education Strategy,” Family Medicine Forum, (2010), Vancouver, BC.

## UNIVERSITY OF SASKATCHEWAN

### Faculty News

In University news, President Peter MacKinnon will be stepping down from his post in May 2012. The President is widely lauded for the tremendous vision and leadership that he has provided throughout his tenure. The Board of Governors has approved 2011-12 tuition rates, based on principles of comparability with peer institutions/programs, affordability and accessibility, and enabling quality. Tuition for the Pharmacy program will increase by 3.31%, Nutrition by 2.15% and Graduate Studies by 2.80%.

Dean David Hill is Vice-Chair of the Council of Health Science Deans (CHSD) and will assume the role of Chair in July. The CHSD sets strategic direction and policy with respect to interprofessional curricula, research and service, with the aim of achieving the priority outcomes of the Academic Health Sciences facility. Work is underway to finalize remaining spaces for the new complex. In the interim, the College has gained a much-needed new nine-office suite, in our

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### Faculty and Staff News

Interviews for the College's new Chair in Rational Drug Design are taking place, and recruitment is underway for the new Chair in Health Quality Improvement Science.

Dean Hill and Dr. Krol are involved in the search for a faculty member for the new Northern Ecosystems Toxicology Initiative, who could potentially have home-base in our College.

Dr. Ildiko Badea and Dean Hill are contributing to planning required radiopharmacy expertise for the newly announced Cyclotron and PET-CT scanner facilities at the U of S.

Jane Cassidy and Doreen Walker, Professional Practice Coordinators for Pharmacy and Nutrition, respectively, are members of a U of S team that has received one of Canada's most prestigious teaching honours – the *Alan Blizzard Award*, from the Society for Teaching and Learning in Higher Education (STLHE). Their initiative, which also received the University's *2010 Provost's Prize for Innovation in Teaching and Learning*, involves students from the health sciences sharing their expertise in small groups to address priority health issues such as Aboriginal health and

current location, to accommodate faculty and staff until we move. Dean Hill, Dr. Ed Krol and Heather Dawson, Advancement Officer, in conjunction with the University's Workplace Safety and Environmental Protection unit, planned a number of excellent events and displays for the College's *April Safety Awareness Month*.

The Continuing Professional Development for Pharmacists unit is organizing workshops for Saskatchewan pharmacists in June on *Prescriptive Authority for Minor Ailments*. The Saskatchewan Drug Information Service is embarking on a strategic planning process to identify what services will be needed in the future and how the unit can meet these needs. College representatives are working with the Saskatchewan College of Pharmacists (SCP) to host the annual *District 5 NABP/AACP Conference* this August, for Canadian and US Pharmacy schools located in our regions of the two countries.

palliative care. The team will be presented with the award at the STLHE conference "From Here to the Horizon: Diversity and Inclusive Practice in Higher Education," to be held at the U of S in June.

A great celebration was held on March 23 to recognize Bev Allen, 2010 recipient of the *Pillar of Pharmacy* award. Bev has announced that he will retire this August, and a search has begun to fill this position.

Nutrition professor Melanie Rozwadowski is this year's College recipient of the *Provost's Teaching Award for 2011*.

### Grants and Research

Dr. Azita Haddadi is recipient of a *NSERC Discovery* grant for her work involving engineering intelligent PLGA nanoparticles for site-specific delivery.

Dr. Phyllis Paterson has received a *CIHR Operating* grant for her research on nutritional status as a determinant of recovery after stroke.

Dr. Roy Dobson has been awarded a *CIHR Meeting Planning and Dissemination* grant to study managing quality in hospitals.

Dr. Adil Nazarali, Carol Henry and Jian Yang are each recipients of *Global Partners II* grants to undertake research, respectively, on HIV-at-risk children in rural Uganda; dietary practices of Indigenous/Aboriginal peoples in Saskatchewan, Canada and Brazil; and residues of pentachlorophenol in fish and chicken products imported from China.

Dr. Derek Jorgenson has received a donor gift and research contract from the Province to study “Comprehensive Medication Management Services.”

### Undergraduate News

Pharmacy student Town Hall meetings, and surveys of undergraduates, graduates, preceptors and employers are/ will be providing valuable feedback for the BSP accreditation self-assessment, program evaluation and continuous quality assurance plans for our academic programs.

The College of Nursing has requested we take over delivery of three pharmacology courses for students in its Bachelor’s and graduate programs. Two of these courses will be delivered in distributed mode, as will a required Nutrition course.

Dr. Jason Perepelkin has initiated a very successful *Pharmacy Management Student Business Plan* competition, which will become an annual event. Fifteen groups of Year 3 students presented their business plans to a panel of judges. Sponsored by Pharmasave, the Pharmacists’ Association of Saskatchewan (PAS) and the Canadian Pharmacists Journal, the winning team included Graham Houk, Lana Dean, Amy Lamb, Kristin Schmidt, Leah Phillips and Lexi Shewchuk.



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Katherine Lang, Katherine Diduck and Kaitlyn McMillian won first prize in the *Canadian Society for Hospital Pharmacists Pharmacy Student Video Competition* addressing the question “What could you say about CSHP 2015?”

Three Nutrition students have been awarded prestigious *Hannon Travel Scholarships* and several Pharmacy students are taking part in this summer’s *IPSF Student Exchange Program*.

### Graduate News

Pharmacy and Nutrition graduate students were recognized for their excellent work at the University’s annual *Health & Life Sciences Research Day* this March. Nutrition students Scarlett Ewen (Supervisor Dr. Shawna Berenbaum), Megan Koo (Supervisor Dr. Susan Whiting) and Shari Smith (Supervisor Dr. Phyllis

Paterson) received First Place honours, and Jovana Tomic (Supervisor Dr. Jane Alcorn) Second Place honours in theme areas. Randeep Kaur (Supervisor Dr. Ildiko Badea) is recipient of the *Apotex Graduate Award*. New faculty member Dr. Azita Haddadi’s first graduate student Pedram Rafiei has received a *PhD University Graduate Scholarship*.

### Development and Alumni News

We are pleased to report progress on the potential establishment of a chair in nutrition research of biofortified pulses. The College has received interest to establish a named gift to provide financial support to students in practice experiences/internship. Alumni receptions will be held at the PAS/SCP Annual Conference, Canadian Pharmacists Association Conference in Montreal, and the Dietitians of Canada Conference in Edmonton.

## UNIVERSITY OF TORONTO

Submitted by Andrea Cameron, on behalf of the Leslie Dan Faculty of Pharmacy.

### Student News

Students from the Society of Pharmacy Students (University of Waterloo) and the Undergraduate Pharmacy Society (University of Toronto), collaboratively organized the Ontario Pharmacy Students Integrative Summit, held Apr 2-3, 2011 in Niagara Falls. This case-based learning initiative brought together students from both schools for an innovative workshop.

### Grants and Awards:

Professor Shana Kelley was recently selected as a recipient of the 2011 University of Toronto Inventor of the Year Awards in the Biomedical and Life Sciences category. The Inventor of the Year program recognizes the superb contributions that U of T scientists make to global society through their inventions. During the inaugural presentation of these awards, Dr. Kelley was recognized for her invention of a low-cost,

ultrasensitive microelectronic chip for disease diagnosis. The chip has significant utility in the rapid, cost-effective identification of biomolecular analytes that are markers for cancer and infectious diseases. The invention was the basis for the formation of Xagenic, Inc., which will commercialize the use of the chip for the diagnosis of infectious disease.



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Associate Professor and Interim Associate Dean, Academic, Christine Allen was recently named a member of the Biomaterials and Biointerfaces Study Section, Center for Scientific Research. As a member, Dr. Allen will participate in reviewing grant applications submitted to the National Institutes of Health, make recommendations on these applications, and survey the status of research in their fields of science. Dr. Allen was selected for membership based on her scientific accomplishments, as demonstrated by the quality of her research accomplishments, publications in scientific journals, and other significant scientific activities, achievements and honours. Dr. Allen's appointment will run until June 30, 2017.



Assistant Professor Linda Dresser was recently named a Fellow of the Canadian Society of Hospital Pharmacists (CSHP). CSHP Fellow Status is conferred upon CSHP members who have demonstrated noteworthy, sustained service and excellence in the practice of pharmacy in an organized health care setting. Dr. Dresser was recognized by the CSHP for her outstanding contributions to the study and teaching of infectious diseases. She is currently a Pharmacotherapy Specialist – Antimicrobial Stewardship at the University Health Network and the coordinator of the Infectious Diseases pharmacotherapy courses in both the full-time and part-time Doctor of Pharmacy programs at the Faculty.



Two University Health Network teams featuring Assistant Professor Olavo Fernandes were recently recognized by the Canadian Society of Hospital Pharmacists with two Safe Medication Practices Awards for two projects - “What is the Impact of a Centralized Provincial Drug Profile Viewer on the Quality and Efficiency of Patient Admission Medication Reconciliation? A Randomized Controlled Trial” and “Medication Reconciliation During Internal Hospital Transfer and Impact of Computerized Prescriber Order Entry.”



Dr. Zubin Austin, the Ontario College of Pharmacists Professor in Pharmacy Practice, has been recognized by the Vice-Provost, Academic Programs, as one of the University of Toronto’s innovative teachers. The Teaching and Learning Task Force of the Ontario Council of Academic Vice-Presidents has requested each university in Ontario identify excellent teaching and learning practices, which will then be used to demonstrate to government, opinion leaders, and the public how universities are successfully improving teaching practice and learning outcomes. Based on his President’s Teaching Award and work in the Teaching Academy, Dr. Austin will stand as an excellent model for others in Ontario.



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Associate Dean, Research Ray Reilly received a three-year Operating Grant from the Canadian Institutes of Health Research to continue his research in the area of Acute Myelogenous Leukemia (AML).

Associate Professor Anna Taddio received a one-year Knowledge Translation Grant from the Canadian Institutes of Health Research. Dr. Taddio’s research focuses on managing pain during childhood immunization injections.

Dr. Reina Bendayan, Associate Dean, Graduate Education, recently received a Career Scientist Award from the Ontario Ministry of Health. This award takes the form of a five-year grant to fund “Regulation of Antiretroviral Drug Transport and Blood-Tissue Barriers and Sanctuary Sites of HIV Infection.”

Milka Ignjatovic, a graduate from the Leslie Dan Faculty of Pharmacy, recently received the Industrial

Pharmacy Residency Award under the supervision of Lorenzo Biondi, Vice-President at Hoffmann-La Roche Limited.

**Faculty News**

Assistant Professor Heather Kertland was recently appointed Interim Assistant Division Director for the Division of Pharmacy Practice at the Faculty. In addition, Dr. Kertland will continue to fulfil her responsibilities at the Faculty for the Doctor of Pharmacy program, and at St. Michael’s Hospital as a Clinical Pharmacy Specialist/Leader.

Associate Professor Heather Boon was recently appointed Graduate Coordinator of the Department of Pharmaceutical Sciences, taking over for Dr. Ping Lee who had served the Graduate Department in this capacity since 2008.

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