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PRESIDENT’S MESSAGE

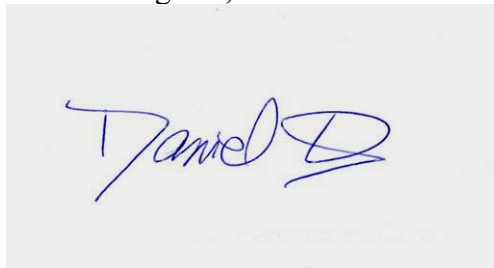
Your association is undergoing a change to face future challenges. This year’s main objective is to merge ADPC with AFPC into the single AFPC entity. This will allow for quicker decision-making, clarify resource allocation, and improve communication between all members. Deans and Faculty members will have the opportunity to contribute with equal representation on the Board of Directors. Independent matters concerning either Deans or Faculty members will be discussed within respective councils of AFPC. Another advantage of this merger is to provide a single clear voice of representation for pharmacy education and research in Canada. External stakeholders will be able to dialogue with this association understanding a distinct and unique mission.

The restructuring process should appear seamless, as efforts remain focused on main issues including experiential programs. As you know, graduating from a professional degree and stepping into practice is challenging. Students who initially work up case studies to treat patients on paper start working in practice settings of increasing responsibilities requiring numerous competencies. These competencies include leadership, interpersonal skills of communication, collaboration and management – just to name a few. AFPC strives to facilitate this transition, by setting the goal for students to be ready for practice. AFPC has made the Pharmacy Experiential Program (PEP) Canada a priority because experience as training is key for pharmacy students. This is actually well delineated

within CCAPP’s (Canadian Council for Accreditation of Pharmacy Programs) new accreditation standards coming in January 2013, presenting the strong experiential component of pharmacy entry to practice programs. Resources are being invested in developing strategies that will benefit all Faculties with input from clinical decision makers directly involved in on-site training. I’m looking forward to results of these efforts in time for the next annual Canadian pharmacy Education and Research Conference (CPERC) meeting in June 2013 to be held in Niagara-on-the-Lake.

Last but not least, a word on technology. Have you noticed toddlers swiping the TV screen with their fingers trying to change channels? Amazing how technology has been adapted to a three-year-old’s learning process. Students develop and adapt to technology faster than it can be integrated into education, research and practice. They are already implying that e-mail is now obsolete! So why are we, as an association, investing time and energy in developing the AFPC-Infoway Project? Because age is the most important factor that impacts technology use and integration. Technology is no different than all other worlds of learning. The older the practitioner, the less likely technology will be incorporated into his/her work, and even less likely to be adapted to the patient being treated. Our working group will address the issues of technology in professional practice to understand and plan how these aspects can become an organized component of our programs.

Warmest regards,



Daniel J. G. Thirion
AFPC President 2012-13

EXECUTIVE DIRECTOR'S CORNER

The summer is over. The fall academic term is well underway. Where did the time go?

Since my last report, the major activities were the successful staging of our 69th Annual Meeting and Conference (Canadian Pharmacy Education and Research Conference) in Quebec; attendance and participation in the 2012 AACP Conference; the

launching of the first annual AFPC pharmacy graduate employment survey; and the development of written information and communications technology competencies for pharmacy students.

The following is a report of selected Executive Director, Council of Faculties and Council of Deans activities.

Executive Director Activities

Governance model – The new bylaws were reviewed and approved by the Council, the Deans and at the Annual General Meeting. A final set of bylaws has been circulated to the Board of Directors, Council of Faculties and Council of Deans members for final review. A Certificate of continuance was obtained from Industry Canada to operate under the new federal not-for-profit act. The next step is to submit an application to Canada Revenue Agency to maintain charitable status under the new act. The new Board of Directors will meet via a teleconference in October (confirm President, vice president, approve interim operating budget for 2013, and discuss board policies e.g., faculty member guidelines).

Financial reporting – AFPC 2012 financial record keeping is occurring using Quickbooks. Ms. Doreen Sproule has entered AFPC income and expense data up to and including August 2012, and entries are being cross checked. An 8-month financial report will be prepared for reviewing financial performance for this

period and for preparing the 2013 AFPC operating budget forecast.

Oversight activities – Over the summer, the majority of my time has been spent on book keeping and paying for expenses associated with 2012 CPERC, and where required monitoring and providing leadership for experiential education workshop and the Pharmacists in Training project.

AACP conference – Dan Thirion and I attended the 2012 American Association of Colleges of pharmacy (AACP) meeting in Kissimmee Florida. There were nearly 2000 attendees. As in other years there were a large variety of topics addressed. My focus was to attend educational sessions on health informatics and international projects, and AACP business sessions. Contacts were made with representatives from the European Association of Faculties of Pharmacy and with the Pan American pharmacy group.

Council of Faculties / Council of Deans

Awards – The awards book has been revised for 2012-13 and will be posted on the AFPC website. We have not found external sponsorships for the New Investigator Research Award (previously sponsored by Sanofi) and the National Award for Excellence in Education (previously sponsored by Bristol-Myers-Squibb [BMS]). Under our current financial policy, AFPC will not progress with an award when funding is not available. A decision will be required about going ahead with the two awards. There will be a new award sponsored by PEBC, the “PEBC AFPC Award for Research and Innovations in the Assessment of Competence”. Details about the PEBC award will be available on the AFPC web site.

Council 2012 Annual Meeting – The council annual meeting was held in 2 parts (May 23 conference call,

June 5 face to face meeting). Daniel Thirion was elected the new President. The new AFPC bylaws were reviewed and approved. Under the new structure, the Council of Faculties will have a Chair and Vice Chair. Also, five Councilors were appointed to the new Board of Directors: Daniel Thirion (Montreal), Kerry Mansell (Saskatchewan), Silvia Alessi-Severini (Manitoba), Nancy Waite (Waterloo), and Carla Dillon (Memorial).

Deans 2012 Interim meeting – The Deans interim meeting was held on June 6. The new bylaws were reviewed and approved. Under the new structure, the Council of Deans will have a Chair and Vice Chair. Five Deans were appointed to the new Board of Directors: Robert Sindelar (British Columbia), James Kehrer (Alberta), Henry Mann (Toronto), Jean Lefebvre (Laval), and Rita Caldwell (Dalhousie).

CPERC 2012 – The number of registrants for the Quebec conference was 116. There were 13 speakers and panelists. Feedback received about the conference was very positive about the content and format. From a financial standpoint, there was a surplus of revenue over expenses. Copies of presentations and slides are available through Council of Faculty members who have access to them on Dropbox link. If you are interested in receiving slides, please contact your Councilor. Thank you to Frederic Calon, Jean Lefebvre, Claude Massicotte, and Eric Couture.

Education committee – Eric Schneider (Waterloo) has accepted the role as chair of the Education committee. Nancy Waite and Cynthia Richards are the co-chairs for the 2013 CPERC planning subcommittee. We are looking for volunteers to assist in the planning for CPERC 2013 (please contact the Executive Director hlopatka@telus.net if you are interested in assisting).

Educational outcomes – The 2010 educational outcomes are now translated into French. They have been posted on the AFPC website under News and Publications (Publications).

Experiential education workshop – The workshop is held on October 17 with approximately 25 individuals to attendance. A planning group was set up (Ann Thompson, Andrea Cameron, Angela Kim-Sing and Harold Lopatka) and the group continued over the summer with the facilitator (Art Whetstone) to fine tune the agenda and review the participant pre-workshop survey. Participants receive a pre-workshop survey and will be provided with background readings. A report will be prepared by the facilitator and be available for review at the mid year meetings. The purpose of the workshop is to develop consensus about concepts / principles relating to experiential education, and to enable a national strategy / plan to be developed to improve the quality and capacity of pharmacy experiential education in Canada. The workshop topic is very timely as an overview of hospital experiential education was recently published in the Canadian Journal of Hospital Pharmacy (see the CJHP editorial by Raman-Wilms and the CJHP article by Hall et al, July-August 2012). The Pharmacy Experiential Programs of Canada (PEPC) chair, past chair and incoming chairs have submitted a letter to the editor

about the CJHP article. Thank you to Ann, Andrea and Angela for their hard work over the summer.

Pharmacists in training – Substantial progress was made on the project over the summer. Presentations about the project were made at the 2012 E-Health Conference and the 2012 International Congress on Nursing Informatics (joint presentations with the Association of Faculties of Medicine of Canada [AFMC] and the Canadian Association of Schools of Nursing [CASN]). Regular project team meetings were initiated. A written competency statement was developed and reviewed via an on-line survey by key stakeholders and organizations. The competency statement will be utilized to identify content areas for the on line educational program. Ongoing work is continuing on the glossary of terms; the environmental scan of information systems being used in pharmacy practice (e.g., electronic health record [HER], electronic medical record [EMR], etc); and the learning management system to be employed for the project. A sample of one educational module for the program is under development. Thanks to Donna Pipa, Marie Rocchi and Nancy Kleiman.



Harold Lopatka
AFPC Executive Director

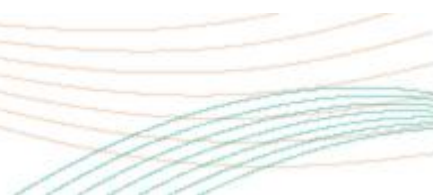
We would like to acknowledge the following sponsors who are providing support to AFPC. Thank you for your contributions.

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Leo-Pharma



CIHI
Canadian Institute
for Health Information

ICIS
Institut canadien
d'information sur la santé



Did You Know? : A Reference at your Fingertips about the Pharmacist Workforce in Canada

The Pharmacist Database (PDB) is a source of timely, quality information for the pharmacist workforce in Canada since 2006. The PDB aims to provide standardized comparative pan-Canadian data and analysis on this third largest healthcare provider group in Canada, which has grown by 19.8% since 2006 to 32,132 pharmacists in 2011. The provincial regulatory authorities and territorial governments are the primary data collectors for the PDB.

Pharmacists in Canada, 2011, released in September 2012, is the sixth annual CIHI publication focusing on the pharmacist workforce in Canada. This publication is a reference document, which can be used to support pharmacist workforce research and planning. The report contains information on the supply, demographics, geographic distribution, education and employment of pharmacists in Canada.

The PDB publications and analysis are used by a wide variety of government and non-governmental organizations to better understand the changing supply and distribution of pharmacists throughout Canada. Accordingly, it contributes to policy formulation and informed decision-making at both the pan-Canadian and provincial/territorial levels.

More information about the Pharmacist database and the *Pharmacists in Canada* reports can be found using the following link: [Pharmacists in Canada, 2011](#)

For questions or comments regarding the report, please contact the Pharmacist Database at pdb@cihi.ca.

School of Pharmacy Celebrates Silver Anniversary

Memorial University's School of Pharmacy (SoP) had a special reason to celebrate in 2011-12. This past year was the school's silver anniversary. A number of special events marked the 25-year milestone.

Festivities began last October with the **Silver Anniversary Spirit Week**. A week of activities for students, faculty and staff were held to celebrate the 25th anniversary, including a 'Dress like it's 1986 Day'. The week ended with the School's first Public Pill Drop. This event encouraged members of the public to drop off their expired or unused medications for safe, confidential disposal.

Recurring events such as the Scholarships and Awards Ceremony, White Coat Ceremony and Graduation were also approached with a sense of history and included reflections on the individuals who made a difference in the founding and growth of the SoP.

This year the 4th annual School of Pharmacy golf tournament was also held to coincide with the Silver Anniversary and Reunion 2012 celebrations. On Aug. 9, close to 100 golfers took to the greens at the Bally Haly Country Club in St. John's for a tournament that has come to enjoy strong support from corporate sponsors and the entire pharmacy community. All funds raised go directly to support student scholarships at the School. This year the tournament raised just over \$17,000, adding to a grand total of \$40,000 in the endowed scholarship fund. Sharon Tucker works with the School and is the lead organizer for an event that has grown each year since its inception in 2009.

"When we started in 2009, I had high hopes for success, but the growth we've experienced in the last four years has been incredible," noted Sharon. "The golfers, corporate sponsors, pharmacists and pharmacy community have really gotten behind this tournament. Scholarships are so important for our students, so when you participate in something like this you are really making a difference in the life of a young person. The students are the big winners and for that reason it's a wonderful event."

The Silver Anniversary year was capped off with the publication of the annual report for 2011-12. Titled

The culmination of the Silver Anniversary year coincided with Memorial's first ever all faculties and campuses reunion during the week of Aug. 8-12, 2012. To celebrate both occasions, the SoP hosted two events: a wine and cheese reception for alumni and friends (Aug. 8) and the annual golf tournament (Aug. 9).

The reception on Aug. 8 was held in the professional practice lab at the School and provided a unique opportunity to reconnect with staff, faculty, alumni and friends. In a brief address to the group, Dean Linda Hensman spoke about the importance of the pharmacy community's early support to the founding of the School. "We often talk about our commitment to community, but our history reveals that as a school it is to the community that we owe our existence," she said. "The lobbying effort that started in the 1960's, as well as the early and crucial funding for the School, came from the Newfoundland Pharmaceutical Association and directly from the pharmacists themselves. To them we owe a great debt of gratitude."

Celebrating the Past and Building for the Future, it reports on the business and achievements of the fiscal year but also looks back at some of the significant milestones and historical connections that have enabled that progress. To view the annual report for 2011-12, visit:

http://www.mun.ca/pharmacy/aboutpharmacy/Pharm_AR_2012_WEB.pdf



Dr. Linda Hensman, dean of the School of Pharmacy, spoke to students, alumni and friends at the Silver Anniversary wine and cheese reception on Aug. 8.

Scholarships and Awards Recognize Excellence at the School of Pharmacy

Students, faculty, staff and members of the pharmacy community gathered at the Health Sciences Centre auditorium on Sept. 13 for the annual School of Pharmacy Scholarships and Awards Ceremony.

The event coincides with the culmination of orientation activities at the school and is held to celebrate student achievement while also providing important financial support. Donors that include alumni and friends of the school, members of the pharmacy community, corporations and other organizations funded the 53 awards and scholarships that were presented this year.

In her opening remarks, Dean Linda Hensman talked about the importance of community to the school's success. "These awards and scholarships, the individuals they honour and those responsible for making these gifts a reality, have made a significant and lasting contribution to our school – and by extension have made an investment in the future of our students," she said. "This evening serves as an important reminder that our success is both shared and achieved together. It is our community of alumni, friends and supporters, along with many organizations and sponsors, who extend our positive reach and enable our prosperity."

An award that has been presented on an annual basis since 2006 is the Kristine Cadigan Memorial Award. It is given in memory of Kristine Cadigan, a student who died suddenly in 2005 after having completed one year of the pharmacy program. Open to all pharmacy students, the award recognizes an individual with the qualities that Kristine exhibited – someone who is a well-rounded, dedicated and accomplished student who is willing to help out when needed and is involved in activities both inside and outside the school. Adrienne Penney was this year's recipient of the award and she was honoured to receive it.

"I was surprised and speechless when this award was announced, as there are so many students in the school who are also deserving of such an award," she said. "I am so very grateful to the Cadigan family for their generosity in supporting this award every year and I am truly blessed to have been recognized with it. I know that Kristine was a wonderful person and I am honoured to have received this award in her memory."

In addition to student recognition, awards were also presented in the categories of preceptor of the year and alumni achievement. Shianna White, a hospital pharmacist with the Western Memorial Regional Hospital in Corner Brook and Jillian Croke, a community pharmacist with Shoppers Drug Mart in Conception Bay South, both received recognition for their work as preceptors during the structured practice experience that students are required to complete during the program.

Dr. Co Q.D. Pham, a member of the class of 2000 was the recipient of the Alumni Achievement Award. Currently the Scientific Manager for Health Canada's Marketed Health Products Directorate, Dr. Pham has many academic and professional accomplishments to his credit. In addition, his extensive work as a volunteer and philanthropist make him a very deserving recipient of the award.



Adrienne Penney receives the Kristine Cadigan Memorial Award from Kristine's mother, Mrs. Diana Cadigan, at the School of Pharmacy Scholarships and Awards Ceremony on Sept. 13.

UNIVERSITY OF ALBERTA

Appointments

The faculty is **very pleased** to welcome the following people in the past couple of months:

Dr Ken Cor has joined our faculty as Director of Assessment. Ken received his BSc in Chemical Engineering, B.Ed in Secondary Education, M.Ed in Measurement and Evaluation from the University of Alberta and his PhD from Stanford University in Education. As Director of Assessment, Ken will be responsible for managing program evaluation and quality improvement activities for the undergraduate pharmacy program.

Dr Jill Hall has started as a Clinical Assistant Professor in our faculty. Jill received her BSc in pharmacy from the University of Alberta and completed a pharmacy residency at London Health Sciences Centre in Ontario. She has worked as a Clinical Practice Leader for Alberta Health Services (AHS) and completed her PharmD from the University of Toronto this summer. She brings a wealth of clinical experience to our Faculty.

Dr Bradley Mitchelmore has joined our faculty as a Clinical Assistant Professor. Bradley received his BSc in Pharmacy from Dalhousie University and completed

a pharmacy residency at Ottawa Hospital in Ottawa. He has worked facilitating interprofessional education at Dalhousie, as a pharmacist with the Pictou County Health Authority and as a Manager of Pharmacare Business Solutions with the Nova Scotia Department of Health and Wellness. He completed his PharmD from the University of Toronto this summer.

Sheila Walter has been appointed as a Clinical Assistant Professor. Sheila will have responsibilities for preceptor and site development, most specifically associated with the PharmD program. Sheila received her BSc from the University of Alberta in 2002 and completed a hospital residency in 2003-2004. She has been a Clinical Practice Leader with AHS since 2009 and has also contributed to our teaching activities.

Candace Necyk joined the faculty in July as a Clinical Assistant Professor. Candace has been working with the faculty on a temporary basis over the past two years. She now joins us in a full-time position. Candace received her BSc in Pharmacy from the University of Alberta and is completing her MSc in the Department of Medicine.

Joe Tabler has joined the faculty as a temporary Clinical Practice Leader and Faculty Liaison (CPL/FL) position through July 31, 2013 until Dr. Adrienne Lindblad returns from maternity leave. Joe will be based out of the South Health Campus in Calgary. Joe graduated with a BSc in Pharmacy degree from the University of Alberta in 1986 and is currently completing his PharmD degree with the University Of Colorado Denver School Of Pharmacy. Joe's clinical background includes Anticoagulation and Chronic Disease Management Services.

Michelle MacDonald is joining us as a Clinical Assistant Professor in a half-time maternity-leave position to assist with rotations and experiential activities in the Calgary area. Michelle received her BSc in Pharmacy from Dalhousie University and works for the Highland PCN in Airdrie. She has been working

with us over the past year on various projects associated with our Experiential Learning program.

Other appointments:

Dr Scot Simpson has been appointed as the Director of Pharmacy Practice Division Graduate and Research.

Pharmacy in the News:

Dean Kehrer was interviewed on CBC's Radio One *Eye Opener* morning show on September 13, 2012, about the difference between brand-name and generic drugs.

Dr Nese Yuksel's research was highlighted in the Alberta Innovates-Health Solutions ResearchNews summer 2012 issue Women's Health: Into the Spotlight, section "Pharmacy Practice and Women's Health".

Awards

Congratulations to the following award winners:

Terri Schindel was one of the first four recipients of the Canadian Foundation for Pharmacy Wellspring Pharmacy Leadership Awards.

Dr Lisa Guirguis, received the Best Pharmacy Practice Research: Oral Presentation, Canadian Pharmacists Association Annual Meeting, May 2012. *This research was presented on behalf of the prescribing research team: Dale Cooney, Lisa Dolovich, Greg Eberhart, Christine A. Hughes, Mark J. Makowsky, Cheryl A. Sadowski, Theresa J. Schindel & Nese Yuksel.

Kevin Hall was the recipient of the Canadian Society of Hospital Pharmacists Management and Leadership Best Practices Award.

Dr. Hoan Linh Banh was the recipient of the 2012 APEX (Alberta Pharmacy Excellence) M.J. Huston Pharmacist of Distinction.

General Faculty News

Dr Raimar Loebenberg is now the President-Elect of Canadian Society of Pharmaceutical Scientists (CSPS).

The **Post-Professional PharmD program** will be admitting the first 13 students with a Fall 2013 start date. Admissions to the program are currently underway this fall. For more information on the PharmD Program, please consult the website at: http://www.pharm.ualberta.ca/en/Prospective_Students/Doctor_of_Pharmacy_Program.aspx

The faculty is now offering a joint **MBA/BSc in Pharmacy** dual degree starting September 2012. The combined program includes 12 months (Fall / Winter / Spring / Summer), during which 11 core courses and three electives are completed. Students enter the program after third-year, and become graduate students for a year. Students then return to the BSc in Pharmacy program to complete the fourth-year, and after that graduate with both degrees at the same time. Up to six Pharmacy students could be admitted in any given year.

UNIVERSITY OF BRITISH COLUMBIA

UBC opens new \$133M Pharmaceutical Sciences Building

On September 18, 2012, the University of British Columbia (UBC) officially opened the new Faculty of Pharmaceutical Sciences Building, a state-of-the-art learning and research facility that will enable UBC to graduate 224 new pharmacists per year by 2015 – a 47 per cent increase – and more than double the research space for drug discovery and health care innovation. The \$133-million, 246,000-square-foot building also supports the expansion of Masters, Doctoral, and Doctor of Pharmacy programs, and offers a new home to several other research organizations, including the Centre for Drug Research and Development (CDRD).



Dr. John McNeill receives Honourary Degree

Professor and Dean Emeritus Dr. John McNeill of the Faculty of Pharmaceutical is the recipient of an Honourary Degree from the Faculty of Pharmaceutical Sciences and Biologics at Université Montpellier 1 (UM1).

The degree was presented to Dr. McNeill at a special ceremony to honour his accomplishments as an educator, researcher, and administrator. The ceremony was attended by over 200 people, and included a lecture by Dr. McNeill on research and teaching in the pharmaceutical sciences.

Dr. McNeill has received numerous honours for teaching and research over the course of his career, including the UBC Killiam Teaching Award, Ken Bowman Research Award, and Fellowship in the Royal Society of Canada and the International Academy of Cardiovascular Sciences.

Photo Credit: Saucier + Perrotte Architectes / Hughes Condon Marler Architects

BC Pharmacy Association Invests in a Bright Future for Pharmacy

The British Columbia Pharmacy Association (BCPhA) represents over 2,600 pharmacists and 800 pharmacies, and works with its members and other health care professionals to provide patient-centered care and optimal health outcomes for British Columbians. Since its creation in 1968, the BCPhA has invested in both practicing and future pharmacists, supporting students of the Faculty through many programs, initiatives, and endowed scholarships. Further demonstrating its commitment to Pharmacy students and education, the BCPhA has gifted the Faculty with \$450,000, funding the BCPhA Student Commons in the new building. Dedicated to undergraduate student learning and engagement, the BCPhA Student Commons is a multi-purpose space where students can connect with one another, alumni and the pharmacy community at large.



Faculty Celebrates Research on Grouse Mountain

On May 9, 2012, more than 90 researchers, educators, graduate students, and staff of the Faculty of Pharmaceutical Sciences gathered on Grouse Mountain for Faculty Research Day 2012. Following a Keynote address by Dr. Alan Bernstein, president and CEO of the Canadian Institute for Advanced Research (CIFAR), attendees were treated to eight talks by PhD students, postdoctoral fellows and research associates, as well as 19 poster presentations. The day closed with recognition of the scholarships and awards received by students and faculty members in 2011-2012. Award presentations included the Faculty of Pharmaceutical Sciences Award for Excellence in Translational Graduate Teaching, presented to Dr. Brian Rodrigues, and the Outstanding Service Award, presented to Research Associate Dr. Rishi Somvanshi.



Drs. Adam Frankel (Assistant Professor), Robert D. Sindelar (Professor and Dean), and Kishor Wasan (Professor and Associate Dean, Research & Graduate Studies) from the UBC Faculty of Pharmaceutical Sciences with Dr. Alan Bernstein, President & CEO, Canadian Institute for Advanced Research.

Clinical Faculty recognized for Excellence in Health Care

Clinical members of the Faculty of Pharmaceutical Sciences are recipients of five 2012 Excellence in BC Health Care Awards. Presented annually by the Health Employers Association of BC (HEABC), the Excellence in BC Health Care Awards celebrate innovation and exemplary service in publicly funded health care.

Drs. Dan Martinusen (BSc(Pharm)'87), Piera Calissa, Brue Lange, Marianna Leung (BSc(Pharm)'84), and Judith Marin (PharmD'06), are winners of the Collaborative Solutions Award for their work on a project titled "Innovative Protocolization of Anemia Therapy in Dialysis Patients in the BC Provincial Renal Agency". Leung is also the winner of the Top Innovation Award for her project titled "Affiliate for the Renal End-of-Life Initiative at Providence Health Care". Other award recipients include Drs. Tim Lau and Nilu Partovi (BSc(Pharm)'85) (Collaborative Solutions Award of Merit) and Drs. Sean Spina (BSc(Pharm)'00, PharmD'07) and Junine Toy (BSc(Pharm)'95) (Health Care Hero Award).

Student participants from the 2012 BCPhA Conference, held in Victoria, B.C.

Dr. Frank Abbott appointed CSPA Fellow

Professor and Dean Emeritus Dr. Frank Abbott of the Faculty of Pharmaceutical Sciences at the University of British Columbia (UBC) has been appointed a Fellow of the Canadian Society for Pharmaceutical Sciences (CSPA). The CSPA considers researchers and educators from both the private and the public sector for this award, and chose Dr. Abbott from a nation-wide nomination process. With over 150 published papers, 75 presentations at conferences around the world, and a career distinguished by leadership positions in both pharmaceutical education and research, he has left an undeniable mark on the field of pharmaceutical sciences.

Pharmacy student wins Merck Canada Fellowship

Shirin Rizzardo, a graduate student with the Collaboration for Outcomes Research and Evaluation (CORE) at the Faculty of Pharmaceutical Sciences at the University of British Columbia (UBC), is the recipient of the 2012 Merck Canada Inc. Postgraduate Pharmacy Fellowship Award. Merck Canada annually awards this \$15,000 Fellowship to a post-graduate pharmacy student attending a Canadian university, based on academic performance and publication credits. A graduate of the

UBC Faculty of Pharmaceutical Sciences BSc program, Shirin worked as a practicing pharmacist for five years before returning to the faculty as a graduate student. Her research is focused on health outcomes and health economics related to rare diseases.

Initiative in Advancing Experiential Training in Institutional Pharmacy Practice

The Faculty is excited to embark on a new initiative for Advancing Experiential Training in Institutional Pharmacy Practice with the appointment of Dr. Michael Legal as the initiative's Project Lead for a one year term, effective November 5, 2012. Dr. Legal will provide knowledge and expertise in developing new preceptor-student models to advance institutional pharmacy experiential learning in B.C. He will work closely with the Faculty and the British Columbia Health Authorities to advise on preceptor-student models that will support placement capacity, and make recommendations on preceptor training and credentialing, clinical support for pharmacists who serve as preceptors, as well as the support structure for preceptor-student models.

Publications Update

To view a complete list visit <http://www.pharmacy.ubc.ca/aboutus/publications>.

Yanai A, Häfeli UO, Metcalfe A, Soema P, Addo L, Gregory-Evans CY, Po K, Shan XH, Moritz O, Gregory-Evans K (2012). Focused magnetic stem cell targeting to the retina using superparamagnetic iron oxide nanoparticles. *Cell Transplantation* 21, 1137-1148.

Kiang TKL, Sherwin CM, Spigarelli MG, Ensom MHH. Fundamentals of Population Pharmacokinetic Modelling: Modelling and Software. *Clin Pharmacokinet*. 2012;51:515-25.

Tessa A. Nicholl, Kelvin Lou. A Model for Small-Group Problem-Based Learning in a Large Class Facilitated by One Instructor. *American Journal of Pharmaceutical Education*. Volume 76, Issue 6, 2012: Article 117.

Soliman H, Gador A, Lu S, Lin G and MacLeod KM. (2012). Diabetes-induced increased oxidative stress in cardiomyocytes is sustained by a positive feedback loop involving Rho kinase and PKC β 2. *Am. J. Physiol. Heart Circ. Physiol.* Published online before print August 3, 2012, doi: 10.1152/ajpheart.00416.2012.

Peter 't Hart, Dylan Thomas, Randy van Ommeren, Ted M. Lakowski, Adam Frankel and Nathaniel I. Martin (2012) Analogues of the HIV-Tat peptide containing N(eta)-modified arginines as potent inhibitors of Protein Arginine N-Methyltransferases. *MedChemComm*,3, 1235-1244.

Kishor W, Osei-Twum J. Neglected populations: Safeguarding the health of street-involved children in Ghana. DOI: 10.1002/jps.23255. Article first published online July 6, 2012.

Andolfatto G, Abu-Laban RB, Zed PJ, Staniforth SM, Stackhouse S, Moadebi S, Willman E. Ketamine-propofol combination (ketofol) versus propofol alone for emergency department procedural sedation and analgesia: a randomized double-blind trial. *Can J Emerg Med* 2012;14:S18-19.

Recent Awards and Honours

To view a complete list visit:

<http://www.pharmacy.ubc.ca/aboutus/awards-honours>.

Dr. Frank Abbott - recipient of the Association of Faculties of Pharmacy of Canada (AFPC) Woods-Hughes Special Service Award.

Dr. Kishor Wasan - recognized by the American Association of Pharmaceutical Sciences (AAPS) for

outstanding performance as the AAPS Student Chapter Faculty Advisor at the University of British Columbia.

Ying Wang - Canadian Diabetes Association Doctoral Research Award 2012-2014.

Gina Cragg - winner of the 2012 Association of Faculties of Pharmacy of Canada (AFPC) Rx & D National Pharmacy Student Research Poster Award.

DALHOUSIE UNIVERSITY

Retirement

Mary MacCara has retired after 34 years with the College of Pharmacy. Mary has been involved in many aspects of pharmacy education including teaching in the Critical Appraisal Series, coordinating the 4th year curriculum, being involved in the Pharmacy residency program, and being part of the development of the Drug Information Resource (www.dir.pharmacy.dal.ca). Mary has also been our AFPC counselor for the past 6 years. We wish her well in the next chapter of her life.

Promotion

Anne Marie Whelan was promoted to Full Professor. In addition to her teaching and research responsibilities in the area of women's health, Anne Marie maintains a part time clinical practice with the Department of Family Medicine, Dalhousie University.

Academic Appointments

Andrea Murphy has joined the College as a tenured Associate Professor. Andrea is a graduate of the College and earned a PharmD from UBC. Dr Murphy will teach Medication Use Management, Advanced Patient Health Management and Law and Ethics.

Jennifer Isenor has been appointed as Assistant Professor (tenure track). Jennifer graduated from the College and earned a PharmD from UBC. Dr Isenor will be responsible for teaching the 2nd year Critical Appraisal course.

Doug Doucette has accepted a position as an Associate Professor at the College and will be responsible for teaching in the area of cardiology. Dr Doucette has a PharmD from U of T and is also currently the Regional Pharmacy Clinical Manager, Pharmacy Services, Horizon Health Network in New Brunswick. He maintains a part-time clinical practice in cardiology at the Moncton Hospital, Moncton NB.

Kim Sponagle is now our Skills Lab Administrator, in addition to continuing in her role as 3rd year skills Lab Coordinator.

Heidi Deal will assume the position of 3rd year course coordinator, in addition to being Skills Lab coordinator for 4th year.

Shanna Trenaman is our new 4th year course coordinator and will also contribute to teaching in the 4th year curriculum. Shanna completed a hospital residency and is currently a student in the Masters of Services Research Program. She is also employed part time as a clinical pharmacist at Capital District Health Authority in Halifax, NS.

Susan Ferguson has accepted a position as 1st year Skills Lab Coordinator while Lisa Walker is on maternity leave. Susan is also currently the Program Coordinator, Pharmacy Technician Diploma Program at eastern College, Halifax, NS.

Individual faculty news

Heidi Deal recently defended her thesis “SafetyNET-Rx: Insights and Lessons Learned From a Pilot Project” and has earned her Master’s degree in Applied Health Services Research (MAHSR).

Pollen Yeung was an external examiner for a MSc thesis at the Nova Scotia Agricultural College, Dalhousie University, Truro Campus. The thesis was titled “Antioxidant anti-inflammatory and lipid lowering properties of apple flavonols”.

Awards and Grants

J. Gordon Duff, Professor Emeritus, received an Honorary Doctor of Laws degree from Dalhousie University at the May 2012 convocation in recognition of his many contributions to pharmacy.

of historical interest in the J. Gordon Duff Pharmacy Museum.

Dr Duff was the first Director at the College and was instrumental in the development of the Bachelor’s degree in Pharmacy as well as graduate studies in pharmacy at Dalhousie. His nomination letter summed it up by saying that “his dedication to Dalhousie University, pharmacy professional organizations and the preservation of pharmacy history is truly inspirational.” One of Dr Duff’s keen interests is in the history of pharmacy and the College is fortunate to have a fine collection of items

David Jakeman received a CIHR operating grant renewal titled “Rhamnose biosynthesis: alternative antibacterial targets”, valued at \$438,852 over three years.

Ingrid Sketris was co-investigator on a CIHR funded grant titled “Redesigning governance mechanisms in intergovernmental health care relations” with Katherine Fierlbeck in political science and William Lahey in Law at Dalhousie as Principal Investigators. This grant was valued at \$173,875.

Publications

Jurgens T. Whelan AM. Do natural health products work? A tool to systematically evaluate the evidence. Pharmacy Practice July 1, 2012.

Shortt S, **Sketris I.** Achieving optimal prescribing: what can physicians do? Can Fam Physician. 2012 Aug;58(8):820-1.

Whelan, AM, Thebeau, JP, **Jurgens T**, Hurst, E. Bioidentical Hormone Therapy: Nova Scotia Pharmacists' Knowledge and Beliefs. Pharm Pract (Internet) 2012;10(3):159-167.
<http://www.pharmacypractice.org/vol10/03/toc.htm>.

Wing A, Hill-Taylor B, **Sketris I**, Smith J, Stewart S, Hurley KF. Medication records in the emergency department: agreement between paper-based charts and automated dispensing device. CJHP 2012;65(4): 265-71.

Students News

Mark Issa, the first student of our new Masters of Pharmaceutical Sciences program, successfully defended his thesis titled “The cytotoxic effects of novel jadomycins in drug-sensitive and drug-resistant MCF7 breast cancer cells”. Mark was supervised by **Kerry Goralski**.

Russell Christie was recently awarded a CADTH Travel award and DSECT grant (CIHR Training Program in Bridging Scientific Domains for Drug Safety and Effectiveness). Russell is a guest lecturer in 3rd year Critical Appraisal Series and is in his second year of a MSc in Community Health and Epidemiology, supervised by **Ingrid Sketris**.

Recent Events

On May 24, a recognition activity was held at the Faculty of Pharmacy to honour its donors. Sixteen of its alumni made personal gifts to the *Cercle de la Faculté*. The Dean of the Faculty of Pharmacy, Dr. Jean Lefebvre, was there to hand deliver the pins and invited the donors to sign the 'golden book'. Dean Jean Lefebvre also presented plaques acknowledging the financial contributions of 1978 and 1987 graduates, and the involvement of two alumni and distinguished pharmacists. Two rooms will be renamed 'Jean-Ulysse-Demers' and 'Joseph-Antonin-Marquis' in their honour.

On June 4, the Faculty of Pharmacy held its fundraising golf tournament. This 17th annual event was held under the honorary presidency of Mr. Pierre-Yves Hébert from Groupe Hébert, Ferlatte pharmacists. More than 125 golfers met at the *Club de golf of Lévis*. This event brought in \$ 30 000 to the *Fonds d'enseignement et de recherche* (FER).

From June 5 to June 7, at the Hotel Château Laurier, our Faculty was proud to host the 3rd Annual Canadian Pharmacy Education and Research Conference (CPERC) and the 69th Annual General Meeting of the AFPC. The conference was entitled *Education and Research in Pharmacy: Challenges and Successes*. The conference ended with a ceremony at the *Chapelle du Musée de l'Amérique française* to reward excellence in pharmaceutical research. The event was a great success.



The award winners for the various AFPC research awards. Photo taken at the Chapelle du Musée de l'Amérique française

On June 9, the Faculty of Pharmacy held its annual graduation ceremony. This year, the event was held under an interprofessional perspective as graduate students from the faculties of Medicine, Dental Medicine, Nursing, and Pharmacy gathered together for the ceremony.

On September 25, the Faculty of Pharmacy officially welcomed its 192 new students. The annual White Coat Ceremony was held at the *Théâtre de la Cité universitaire*.

Upcoming Events

- Faculty of Pharmacy Annual Symposium – Friday, October 19, 2012
Title : *Néphrologie et urologie : Démystifier et appliquer !*
- Faculty of Pharmacy Ceremony of Excellence - Tuesday, November 6, 2012
- Pharmacotherapy Day – Tuesday, November 29, 2012

General Faculty News

Ordre des pharmaciens du Québec (OPQ): On June 8, the election of the new Executive Committee (2012-2013) was held by its Board of Directors. Ms. Stéphanie Mercier, lecturer at our faculty, was once more elected as a vice-president.

Individual Faculty News

On June 21, a celebration was held to honour the retirement of Ms. Michelle Tessier. Ms. Tessier has worked at the Faculty of Pharmacy of Laval University for 35 years. She started as support staff in 1977. During her career she has worked with nine directors and deans.

On August 29, the Quebec Breast Cancer Foundation held a press conference to announce investments of over 5.2 million dollars in the Quebec City region. Dr. Michel Dorval, full professor at the Faculty of Pharmacy, Laval University, received a research grant of \$ 760 000, along with a \$ 825 000 grant for the inception of the Centre ROSE (*Ressources en Oncogénétique pour le Soutien et l'Éducation*).



Dr. Dorval appears here next to Mrs. Mitsou Gélinas (centre), spokesperson for the Quebec Breast Cancer Foundation. Also present is Dr. Jocelyne Chiquette, co-chair of the Centre ROSE, and some of Dr. Dorval's team members.

Awards and Scholarships

- On September 14, during an award ceremony held in Montreal, our colleague Ms. Geneviève Tirman was chosen prizewinner 2012 in the category "*Partage des connaissances*" for the award *Pharmaciens de cœur et d'action de l'actualité pharmaceutique*.
- Professor Julie Méthot, received the Roger Leblanc Award of Excellence, from the *Association des pharmaciens en établissement de santé du Québec* (A.P.E.S.).
- The Pharmaceutical Leadership Award within CMDP Merck – A.P.E.S. has been given to Ms. Marie-Claude Racine, head pharmacist, CHUQ.
- Ms. Esthel Malenfant received the Sandoz – A.P.E.S. Award of Excellence for the leaders of tomorrow. She works as a pharmacist in the Department of Pharmacy at the *Institut de santé mentale de Québec*.
- The A.P.E.S. – SCPH – Pfizer Award of Excellence has been given to Mr. Jean-Philippe Adam who has completed his residency in 2011 at the CHA of Québec.
- Ms. Laurence Blanchet received the Award Pierre-Paul Leblanc. She has completed her residency in 2011 at the *Institut de cardiologie et de pneumologie de Québec*.
- Simon Lessard, a graduate from the Laval University, Faculty of Pharmacy, and Dr. Guy Brisson from Laval received the Award Hippocrate from the magazine *Le Patient*. They founded a clinic for patients suffering from COPD (emphysema and chronic bronchitis). They also founded a collective prescription plan for smoking cessation therapy.

UNIVERSITY OF MANITOBA

Academic Appointment

Dr. Ted Lakowski joined the Faculty as an Assistant Professor effective July 1, 2012. He obtained an undergraduate degree in Pharmacy in 1999 from the University of British Columbia (UBC). In 2006 he graduated with a PhD in Pharmaceutical Chemistry from the same institution under the supervision of Dr. Ron Reid. His thesis focused on the structural biology of novel calcium binding proteins using NMR. Continuing at UBC, he completed postdoctoral studies in the laboratory of Dr. Adam Frankel in 2011. While there, he developed methods to measure the enzymatic activity and inhibition of protein arginine

methyltransferases using mass spectrometry, designing several inhibitors for this family of enzymes. A final postdoctoral fellowship in high-throughput drug screening at The Centre for Drug Research and Development in Vancouver was completed in June 2012. Ted's areas of research interest include the emerging field of epigenetics. He is particularly interested in novel drugs that target epigenetic processes as a means to treat disease. Ted is a licensed pharmacist and has worked regularly as a community pharmacist throughout his graduate and postdoctoral studies.

General Faculty News

Faculty of Pharmacy Graduate Program 1962-2012

2012 marks the 50 year Anniversary of the Commencement of Formal Graduate Education in the Faculty of Pharmacy at the University of Manitoba. We have graduated 110 graduate students to date since the intake of our first cohort of MSc students (Dr. Wayne Anderson and Millie Ritchie) in the fall of 1962. We have now successfully trained and developed 80 MSc students and 30 PhD students.

Qualitatively, the stories of the successful careers of our graduate student alumni are incredibly inspiring. Our graduate students have gone on and represented us in academia, governmental agencies, in health care and in the pharmaceutical industry. Dr. Wayne Anderson is currently the Dean of Pharmacy in the School of Pharmacy and Pharmaceutical Sciences at the University at Buffalo. Several of our graduate alumni including Drs. Simons, Burczynski, Cote, Namaka, Iacovides, and Friesen currently have appointments at the Faculty of Pharmacy at the University of Manitoba, and other alumni including Prof. Bilous and Thedani had successful teaching and research careers here as well. Other alumni including Drs. Bend, Sitar, Thiessen, and Weitzel have had remarkable research and administrative careers. While Drs. Yeung, Procyshyn and Carrie, have served other Faculties of Pharmacy with Bison Pride. These are only a few highlights of our many fantastic graduate alumni from the Faculty of Pharmacy. Over the decades the number of MSc and PhD students has been increasing in numbers and we currently have a cohort of some 20 graduate students pursuing degrees in our Faculty and continuing the tradition of quality research and scholarship in pharmacy graduate education.

For a schedule of our Pharmacy Grand Rounds Seminar Schedule, please visit:

http://umanitoba.ca/faculties/pharmacy/media/Seminar_Schedule_2012-2013.pdf

Individual Faculty News

Grants

Dr. Hope Anderson was awarded an ARDI (Agri-Food Research & Development Initiative) grant in the amount of \$20,000 over two years for her project entitled "Protection of the heart by conjugated linoleic acid-identifying synergistic targets".

Dr. Emmanuel Ho was awarded an MHRC 2012 Establishment grant of \$100,000 over three years.

Dr. Shawn Bugden was awarded a grant in the amount of \$6,525 from the University of Manitoba URGP fund in support of his proposal entitled "Cross sectional analysis of opioid use in Manitoba".

Dr. Mike Namaka was awarded a grant from the Canadian Paraplegic Association (Manitoba) Inc. in the amount of \$44,000 for his research grant entitled "The Role of BDNF in Myelin Repair Following Non-Traumatic Spinal Cord Injury".

Student News

The Pharmacy Class of 2012 celebrated their convocation on May 31, 2012 with 48 new pharmacists graduating into the profession.

Fifty-five first-year students took their first steps towards becoming pharmacists on September 17, 2012 during the annual White Coat Ceremony and Student Recognition event.

Faculté de pharmacie, Université de Montréal

General Faculty News

Colloque agir pour la santé

The conference 'agir pour la santé' focused on the pharmacist at the heart of the community. Seven hundred participants attended the conference organized for the course on community service within the entry level PharmD curriculum. First year, 2nd year, and 3rd year Students divided into fifty teams presented projects focusing on stress and obesity. Three awards for creativity (weight gain in university students), social impact (stress in parents of sick children), and scientific merit (stress related to career orientation in high school students) were awarded. Dr. Mylène Drouin from the provincial public health agency of Montreal, Dr. Guy Breton, provost of Université de Montréal, Dr. Pierre Moreau, dean of the Faculté de pharmacie, and Dr. Chantal Pharand, vice-dean of academic studies congratulated the 600 students, participants, and organisers of the conference.

2011-2012 Annual Report of the Faculté de pharmacie

The 2011-2012 annual report for activities of the Faculty is now available on the website www.pharm.umontreal.ca.

First graduating cohort of the Bachelor's of Biopharmaceutical Science

The first 32 graduating students of the Bachelor's in biopharmaceutical sciences presented their research or clerkship project last April 27th. This program developed and implemented in 2009, aims at training professionals to have a scientific focus and significant knowledge base related to drug development for the entire process from discovery to post-marketing. These students are now either completed further education or have integrated into the pharmaceutical work force. Congratulations!

Grants

The Susan G. Komen foundation has announced a 900 000\$ grant to be awarded to Dr. John Stagg and his team at the CRCHUM (Centre de recherche du Centre hospitalier de l'Université de Montréal) in support of his research on triple-negative breast cancer. Dr. Stagg is one the 16 supported activities selected among 300 proposals. Triple-negative breast cancer, a cancer

negative for the estrogen, progesterone and human epidermal growth factor receptors (HER2), represents approximately 15% of all breast cancers and is associated with a higher mortality and worse prognosis. Dr. Stagg will attempt to determine the role of the CD73 protein on tumor progression and if this protein can be a target for drug therapy.

Awards

Dr. Louise Mallet, Professor, was awarded the prestigious Louis-Hébert award from the College of Pharmacy of Quebec. The Louis-Hébert award recognizes member pharmacists for contributions to the

profession, ethical conduct, and outreach. Dr. Mallet, expert in geriatric care, has recently co-authored *Médicaments et personnes âgées* and *Manuel des soins pharmaceutiques en gériatrie*. Congratulations!

UNIVERSITY OF SASKATCHEWAN

Faculty and Staff News

Dr. Thomas Rotter will be joining the College in January 2013 as the Research Chair in Health Quality Improvement Sciences. Thomas completed his undergraduate degree in Nursing and Nursing Management from the University of Glamorgan, Wales, UK, a Master of Public Health degree and a PhD in Public Health from the University of Dresden in Germany. The Research Chair in Health Quality

Improvement Sciences is funded by the University of Saskatchewan and the Saskatchewan Ministry of Health and is supported by several units within the Council of Health Science Deans.

Christine McGunigal joined the College in July 2012 as the Graduate Programs Secretary.

Grants and Research

A number of research grants have recently been awarded to our faculty:

- Dr. Adil Nazarali, NSERC Discovery Grant
Project title: *Expression and functional analysis of novel downstream targets of Hoxa2 and epigenetic regulation of Hoxa2 in the developing mouse*
- Dr. Jane Alcorn, NSERC Regional Opportunities Fund
Project title: *Functional foods futures in Western Canada*
- Dr. Kerry Mansell, Sanofi Canada Inc.
Project titles: *Pharmacy AIC optimization partnership*
- Dr. Azita Haddadi, Saskatchewan Health Research Foundation
Project title: *Development of nanoparticle-based therapeutic cancer vaccines*
- Drs. Carol Henry, Gord Zello and Susan Whiting, International Development Research Centre (IDRC)
Project title: *Healthy ecologies: linking agro-food systems, local knowledge and community equity for food security in the rural highlands of Ethiopia*

Undergraduate News

The College has recently completed the accreditation process for our undergraduate pharmacy program and the College has received a renewal of the accreditation status of the program from the Canadian Council for Accreditation of Pharmacy Programs. The new award is four years for the period July 1, 2012 to June 30, 2016. Connected to this is a major redesign of the professional program and a *Program* Evaluation initiative, which puts in place ongoing processes to ensure our Pharmacy and Dietetics programs are of the highest quality. The Bachelor of Science in Nutrition program was scheduled for review fall 2013 but this has been postponed due to changes to the national accreditation process for nutrition programs.

University News

The University of Saskatchewan welcomed a new President, Dr. Ilene Busch-Vishniac, on July 1, 2012. Dr. Busch-Vishniac joins the U of S from McMaster University where she was the provost and vice-president academic. Originally from Pennsylvania, Dr. Busch-Vishniac received her undergraduate degree from the University of Rochester and her masters and doctoral degrees in mechanical engineering from Massachusetts Institute of Technology. She has held positions at MIT, University of Texas and Johns Hopkins University before joining McMaster University.

UNIVERSITY OF TORONTO

Appointments

Dr. Jillian Köhler has been appointed Director, Global Affairs as a shared position between the Leslie Dan Faculty of Pharmacy and the Munk School of Global Affairs. Dr. Köhler will be responsible for developing new research and educational opportunities for students at the Faculty and the Munk School, helping students to develop “real world” experience through global health internships, participation in global health seminars, and student exchange programs, among other activities.

Senior Lecturer Doris Kalamut has been appointed Director of Student Experience and Academic Progress at the Faculty. Ms. Kalamut has taught at the Faculty since 1981, where she has instructed in Professional Practice laboratories, Professional Practice courses, and the International Pharmacy Graduate program, among others. As Director, she will be responsible for developing, implementing, delivering and leading initiatives (e.g. the Faculty Advisor and Mentorship program, the House program, and remediation programs). She will also represent the Faculty at the Council on Student Experience, in addition to any other activities or events related to student experience.

Dr. Heather Boon has been promoted to Full Professor status at the University. A graduate of the Faculty’s Bachelor of Science in Pharmacy and Doctor of Philosophy programs, Dr. Boon is one of North America’s foremost experts in the field of Complementary and Alternative Medicine. Dr. Boon’s

Dr. Beth Sproule has been promoted to Associate Professor, Status Only. In addition to being the Director of the Faculty’s Division of Pharmacy Practice, Dr. Sproule is a Pharmacy Clinician Scientist/Advanced Practice Pharmacist at the Centre for Addiction & Mental Health. Dr. Sproule’s primary focus is clinical research in the area of prescription drug abuse.

Effective May 1, 2013, Dr. Brian Shoichet will join the Leslie Dan Faculty of Pharmacy as a tenured Professor. Dr. Shoichet is an internationally recognized leader in combining computational simulation and experimental techniques to develop new ligands that complement protein structures. Using these techniques, he is also able to develop new targets for existing chemical compounds and new ligands for accessible protein targets.

primary research interests are patients’ use of complementary/alternative medicine, the safety and efficacy of natural health products, and complementary/alternative medicine regulation and policy issues.

Dr. Stephane Angers was promoted to Associate Professor with tenure. Dr. Angers is the Canada Research Chair in Functional Architecture of Signal Transduction Complexes at the Faculty. Combining integrative biochemistry, molecular biology and cellular biology approaches with new tools in mass spectrometry and proteomics, Dr. Angers’ research program seeks to characterize the function of novel proteins within signal transduction complexes.

Dr. Muhammad Mamdani has been promoted to Full Professor, Status Only. Dr. Mamdani’s research focuses on drug safety, effectiveness, and policy. His work for the Ontario Drug Policy Research Network is focused on providing research findings relevant to decision-makers in a rapid manner and brings together leading drug research experts at five medical schools across Ontario and key decision-makers at the provincial government level. His work with the Canadian Drug Safety and Effectiveness Research Network brings together researchers from four different provinces and regulators from Health Canada to conduct and interpret pharmacoepidemiological research.

The Faculty welcomed four new instructors for the 2012-2013 academic year:

- Dr. Norman Dewhurst has been appointed the new Co-Coordinator for PHM203 - Pharmacotherapy 4: Infectious Diseases. In this role, Dr. Dewhurst will leverage his experience as an Infectious Disease Pharmacist within the Infectious Diseases and Positive Care Clinic and ID/HIV Service at St. Michael’s Hospital.
- Dr. Henry Halapy will be Co-Coordinator for PHM202 - Pharmacotherapy 3: Endocrine, Nephrology and Urology. In this role, Dr. Halapy will leverage his experience as a Clinical Pharmacy Specialist at St. Michael’s Hospital, where he specializes in the development of the pharmacist’s role in diabetes management.

- Dr. Andrea Narducci will be the new Pharmacotherapy Co-Coordinator for PHM201 - Pharmacotherapy 2: Dermatology and EENT. Dr. Narducci brings experience to this role as a Clinical Pharmacist in the Cardiovascular Surgery department at St. Michael's Hospital and as a Community Pharmacist in Woodbridge, and is a graduate of both the Faculty's Bachelor of Science in Pharmacy and Doctor of Pharmacy programs.
- Dr. Cindy Truong Natsheh will be the Co-Coordinator for PHM205 - Medication Therapy Management 2. Since 1999, Dr. Natsheh has been an Education Coordinator and Residency Coordinator with the Department of Pharmacy Services at the University Health Network, which should serve her well in this new role with the Faculty.

Professor Murray Krahn was recently elected President of the Society for Medical Decision Making. The Society for Medical Decision Making seeks to improve the health and clinical care of individuals and assist health policy formation by developing and promoting the use of systematic methods to deal with the uncertainties of healthcare decisions.

Professor Reina Bendayan was recently elected Vice-Chair of the Pharmacokinetics, Pharmacodynamics and Drug Metabolism Section of the American Association of Pharmaceutical Sciences (AAPS).

Associate Professor Anna Taddio was recently appointed Senior Associate Scientist at the Research Institute at the Hospital for Sick Children. Dr. Taddio's appointment recognizes the significant contribution that her research in paediatric pain management has made to the institution and to children's health in general.

Awards

Dr. Carolyn Cummins recently received two research awards – the Connaught New Researcher Award and the Bickell Foundation Medical Research Award – to further the work her laboratory is doing to better understand the body's cellular response to stress, and to follow up on their discovery of a new protein that may influence disease progression.

Associate Professor Anna Taddio is the recent recipient of two awards recognizing her research in paediatric pain management – a Pain Awareness Award for the Best Awareness Project for Pain from the Canadian Pain Society (CPS) and the Canadian Pain Coalition, and the Noni MacDonald Award by the Canadian Paediatric Society.

Dr. Vinita Arora was recently recognized by the University of Toronto's Department of Family and Community Medicine with the Excellence in Course/Program Development and Coordination Award.

At the Canadian Pharmacy Education and Research Conference/69th AFPC Annual General Meeting in Quebec City this summer, the accomplishments of many of the Faculty's professors and students were celebrated:

- Professor Micheline Piquette-Miller was the recipient of the AFPC-Pfizer Career Research Award.
- Assistant Professor Suzanne Cadarette received the AFPC New Investigator Award.
- Dr. Lalitha Raman-Wilms was honoured with the AFPC Bristol-Myers Squibb National Award for Excellence in Education.
- Graduate student Mary Elias received the Canadian Foundation for Pharmacy-AFPC Graduate Student Award for Pharmacy Practice Research.
- Graduate student Nilasha Banerjee received the AFPC-Rx&D Pharmacy Student Research Poster Award and Best National Poster Award.

Associate Professor Christine Allen was part of a team recognized with the Jorge Heller Journal of Controlled Release Outstanding Paper award by the Controlled Release Society (CRS), the premier international, multidisciplinary society for delivery science and technology, recognizes excellence in the field of controlled release and delivery through the presentation of their annual awards.

Grants

The Canadian Institutes of Health Research (CIHR) awarded Dr. Lisa McCarthy (and Co-Investigators Dr. Thomas Brown and Dr. Natalie Crown) a one-year CIHR Knowledge Synthesis Grant for her project “A Scoping Review of Medication Reconciliation Initiatives in Ambulatory Care.”

The Ontario Ministry of Health and Long-Term Care has invested in a four-year multidisciplinary study of Dr. Zubin Austin’s, (Associate Professor and Ontario College of Pharmacists Research Professor in Pharmacy Practice), entitled “How do practice site interventions support integration of internationally educated health professionals (IEHPs) in the Canadian workplace?”

The Canadian Association for AIDS Research (CANFAR) recently awarded funding for Dr. Reina Bendayan’s two-year project entitled “Role of Drug Transporters in Antiretroviral Drug Absorption and Drug-Drug Interactions in Intestinal Tissue.”

The CIHR awarded Dr. Stephane Angers a five-year grant for his project “Wnt signalling circuitries in development and cancer.” During development, Wnt proteins control cell proliferation, cell differentiation, cell migration and stem cell renewal, while aberrant Wnt signalling causes human diseases including cancers. Dr. Angers’ lab has identified several new proteins important to these processes during development and in cancer cells.

The CIHR awarded Dr. Murray Krahn, Professor and F. Norman Hughes Chair in Pharmacoeconomics, a grant to develop a disease-specific utility instrument for bladder cancer health-related quality of life.

Associate Professor Jillian Köhler was recently awarded a CIHR Operating Grant for “Evaluating Governance, Accountability and Transparency in Brazil’s Pharmaceutical System.” This three-year project will see Dr. Köhler identify the laws, regulations and

Student News

With the goal of effecting positive change for the pharmacy profession, the student-run organization SOAPE (Students for Optimizing and Advocating Pharmacy Endeavours) had a very busy and productive 2011-2012 academic year.

‘Safe Meds for Seniors’ provided students with an opportunity to conduct medication safety seminars for

policies present in Brazil to improve access to essential medicines, study how they were implemented, and determine if they have helped to promote good governance, accountability and transparency.

Assistant Professor Carolyn Cummins received a CIHR New Investigator Salary Award to support early career research in the field of anti-inflammatory drugs and diabetes.

The Natural Sciences and Engineering Research Council (NSERC) recently invested in several research programs at the Leslie Dan Faculty of Pharmacy, awarding three five-year Discovery Grants to Dr. Tigran Chalikian, Dr. David Hampson, and Dr. Jeffrey Henderson.

- Dr. Tigran Chalikian for “Protein Interactions and Solvation in Binary Solvents.”
- Dr. David Hampson for “The calcium-sensing receptor and integrins.”
- Dr. Jeffrey Henderson for “Analysis of FADD-dependent regulation of programmed cell death.”

Dr. Jeffrey Henderson received funding from the Heart and Stroke Foundation for a three-year Grant-in-Aid project entitled “Regulatory interaction of apoptotic/necroptotic PCD pathways in vivo and their functional effect on animal stroke models.”

Assistant Professor Dr. Marisa Battistella has received an Allied Health Research Grant from the Kidney Foundation of Canada for “Optimized Dosing of Cefazolin in Patients on Nocturnal Home Hemodialysis,” a one-year project that focuses on ensuring the efficacy of antibiotic drugs commonly prescribed to hemodialysis patients to fight infection is not compromised by newer dialysis modalities such as nocturnal home hemodialysis.

seniors in the community. Funded by the Ontario Ministry of Health and Long-Term Care and the Ontario Pharmacists’ Association, this project allowed students help seniors better understand medication risks and side effects, storage and disposal tips, over-the-counter medications and compliance aids through a series of seminars delivered in community pharmacies.

During the Spring, SOAPE students also participated in a public awareness campaign to inform the public about the profession of pharmacy. As part of Pharmacy Awareness Week, students set up information booths on campus and in local hospitals to speak with members of the community about the importance of pharmacists and their changing role in the healthcare system.

Every summer, students in the Bachelor of Science in Pharmacy program have an opportunity to participate in international internships. These experiences help students broaden their horizons and place their learning in a global context.

Amber-lee Carrière and Erin Ready spent the summer working in Windhoek, Namibia at the Katutura Health Centre. In this placement, Amber-lee and Erin worked at the antiretroviral (ARV) clinic pharmacy delivering specialized treatment for HIV-positive patients, where they dispensed ARVs, antibiotics, medications for the prophylaxis of opportunistic infections, and medications to treat some of the side effects associated with ARVs. In addition to their dispensing duties, they also counseled patients on their medications in English, Oshiwambo and Afrikaans, completed a placement at the Windhoek Central Hospital, and traveled to three outreach clinics where they dispensed ARVs and

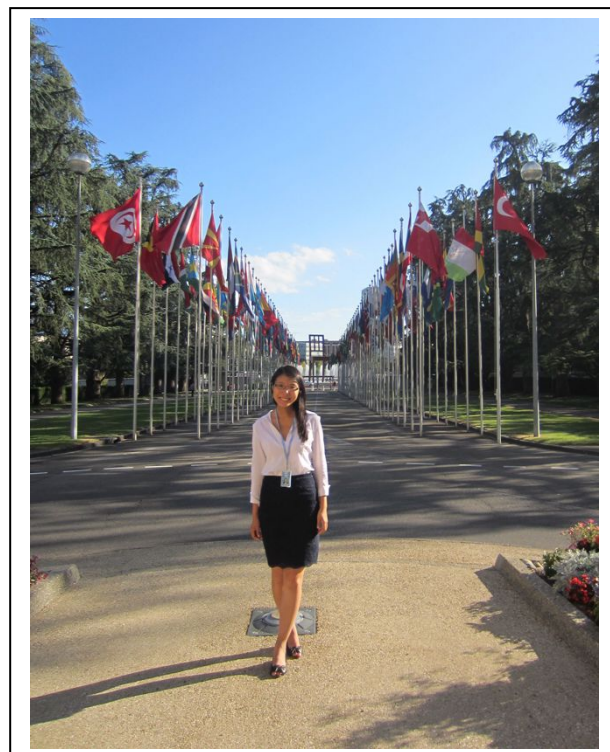
Throughout the school year, SOAPE also hosted advocacy and educational events for undergraduate students that featured speakers from the political world, the pharmacy profession, and pharmacy regulatory bodies.

counseled patients in these remote and underserved areas. Over the course of the summer, Amber-lee and Erin also conducted research on patient wait times and appointment nonadherence, using the information collected to develop several projects aimed at improving patient care at the clinic.

Nancy Guo spent the summer working at an internship with UNITAID's Market Dynamics team at the World Health Organization headquarters in Geneva, Switzerland. Market Dynamics is an essential component of UNITAID, and is responsible for writing the landscape reports for the three disciplines (diagnostics, medicines, and preventatives) across the three diseases (HIV/AIDS, malaria, and tuberculosis) that UNITAID focuses on. Most of Nancy's work focused on HIV/AIDS, and her primary responsibility for the summer was to write an HIV/AIDS preventatives landscape manuscript.



Above: Amber-lee Carrière and Erin Ready in Namibia



Right: Nancy Guo at the World Health Organization headquarters in Geneva

UNIVERSITY OF WATERLOO

School News

The school hosted the inaugural Waterloo Pharmacy Golf Invitational in September at Grey Silo Golf Club. Despite the less than perfect weather, the event proved to be a great success. Over \$28,000 was raised for student success initiatives.



Alumni golfers: Foursome from the 2011 Class enjoyed the day

The class of 2012, scheduled to convocate in October, held a dinner and awards night in August. Award recipients included Alia Thawer (Academic Proficiency), Dianna Sabbah (Valedictorian), Stacey D'Angelo (Future of Pharmacy), Hans Lin and Xiaofei Huang (Co-operative Experience), Brad Linton and Saurabh Patel (Honourary SOPhS President & Vice-President), Vivian Lee (Community Engagement

Waterloo Pharmacy received the Canadian Pharmacists Association's Certificate of Recognition at the CPA conference in June. Loblaw, a longstanding co-op employer, nominated the School, the first graduating class, and the faculty for the award. Ken Potvin accepted the award on behalf of the School, thanked Loblaw and paid special tribute to Waterloo students, especially the Vanguard class. (photo) Caption: L to R: Jody Shkrobot, Past President, CPhA with Ken Potvin, Director of Admissions, Professional Relations & Undergraduate Affairs, School of Pharmacy.



Award), and Jillian Grocholsky (SOPhS Leadership). Faculty member Certina Ho received the Student Support Recognition Award.

The 2012 Pharmasave Industrial Case Competition (ICC) was held in July. Pharmasave generously sponsors the competition at Waterloo to help inspire management and entrepreneurial thinking. This is the third year that Roderick Slavcev, Shoppers Drug Mart Professor in Business and Entrepreneurship, has organized the competition. Each of the 21 groups that participated developed a business plan and delivered a 7 minute pitch to a judging panel. The panel included: Rosemary Killeen, CPJ; Conrad Amenta, Pharmacy Blueprint; Billy Cheung, Pharmasave; Omid Esmaeili, Scotiabank; David McNally, KPMG; David Windross, Teva; and Viona Duncan, Gowlings. The first place team received a \$5000 cash prize provided by Pharmasave. Congratulations to: Nicole Seymour, Robyn McArthur, Caitlin Meyer, Peter Rempel, and Jaspreet Sahota. Their proposal, *First Class Pharma* is a pharmacy specializing in travel medicine and healthcare.

Presentations

Praveen P Nekkar Rao presented his research at the 243rd American Chemical Society National Meeting in San Diego in March; the 1st World Neuroscience Online conference in June; and at the Alzheimer's Association Conference in Vancouver, along with his students. Presentation titles are as follows:

- "Alzheimer's Disease: Small molecules as disease-modifying agents";
- "Targeting Alzheimeric pathologies with small molecules: A multi-targeted approach";
- "Design, synthesis and biological evaluation of novel fused-ring systems to treat Alzheimer's disease."

Nancy Waite and Eric Schneider presented their research, "Implementing a New Experiential Model – Co-operative Learning: A Four Year Success Story"; and "Longitudinal High Stakes Fourth Year Summative Clinical Assessment" at the AACP Annual Meeting, Kississimee, FL, July 2012.

Nancy Waite and Eric Schneider also presented “Tracking Student Professional Outcome Achievement While on Co-op” at the World Association of Cooperative Education Conference, Istanbul, Turkey.

Nancy Waite along with research colleagues presented “Exploration of a primary care listserv specialty network archive using content analysis” at the Canadian Pharmacists Association Annual Conference. She was busy with other research presentations at conferences held in Waterloo during May including:

- A Multi-Tiered Qualitative Analysis of Pharmacy Student Learning in a Unique Community Service-Learning Program. Opportunities and New Directions Conference.
- Unique Partnerships in Researching and Understanding Community Service-Learning in Pharmacy Education: A Brief Case Study. Canadian Community Psychology Conference.
- Online Experiential Learning and the Real-World Transfer: Results from a Pharmacy CE Program. Canadian Society for the Study of Higher Education Annual Meeting.

Grants and Awards

The Rx&D Health Research Foundation provided funding for the following projects.

- Internationalization and Global Health (\$25,000)
The funding received will be used to create a dedicated funding pool in support of global health initiatives. The pool will provide resources in a variety of ways, including assistance for undergraduate students taking international co-op terms with non-profits or non-government organizations (NGOs).
- Engaging Students in Practice Research (\$25,000)
The funding will help support co-op positions that allow students to engage in practice based research with employers from the broad pharmacy community.

Publications

Tarek Mohamed, Jacky C K Yeung, Maryam S Vasefi, **Michael A Beazely, Praveen P N Rao**. Development and evaluation of multifunctional agents for potential treatment of Alzheimer's Disease: Application to a pyrimidine-2,4-diamine template. *Bioorganic and Medicinal Chemistry Letters* 22: 4707-4712, 2012.

Rojas-Fernandez CH, Mikhail M. Contemporary concepts in the pharmacotherapy of depression in older people. *Can Pharm J* 2012;145:128-135.

Rojas-Fernandez CH, Cameron J. Is statin-associated cognitive impairment clinically relevant? A narrative review and clinical recommendations. *Ann Pharmacother* 2012;46:696-702.

Rojas-Fernandez CH, MacLaughlin EJ, Dore NL, Ebsary S. Assessing the potential adverse consequences of supplemental calcium on cardiovascular outcomes: Should we change our approach to bone health? *Ann Pharmacother* 2012; 46:549-57.

Kennie N, Farrell B, Ward N, Johnston S, Gubbels A, Eguale T, Dolovich L, Jorgenson D, **Waite N**, Winslade N. Pharmacists' provision of primary health care: a modified Delphi validation of pharmacists competencies. *BMC Family Practice* 2012;13:27.

In addition, Anil Maharaj received the Health Research Foundation Pharmaceutical Sciences Research Scholarship. This was a national competition and Anil was selected as the top applicant from across Canada. He will receive \$25,000 toward the completion of his MSc under the supervision of Andrea Edginton.

Carlos Rojas-Fernandez received a grant from the RBC Your Future by Design Undergraduate Research Fellowship to support the project “Assessing older people’s awareness of medications as risk factors for falls.”

Shawn Wettig received an Early Researcher Award from the Province of Ontario for his project entitled “Rational Design of Novel Surface Active Compounds for Improving Non-viral DNA Transfection Efficiencies”. This award in the amount of \$190,000 will provide support for Shawn’s research over a 5 year period.

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