



AFPC COMMUNICATION

Association of Faculties of Pharmacy of Canada

Association des Facultés de Pharmacie du Canada

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PRESIDENT'S MESSAGE

Firstly, as the new president of AFPC, I would like to express warmest greetings from my home at the Faculty of Pharmacy at the University of Manitoba. This year AFPC will be actively engaged in another exciting year of academic activities that foster education, practice and research amongst the various pharmacy programs across Canada. On behalf of the AFPC council and executive, I want to take this opportunity to invite you to attend the AFPC conference which will be held in Vancouver, BC June 2nd to 5th, 2010. The main theme of the conference is on "The Dynamic Nature of Curriculum" which will encompass engaging speakers, workshops and discussion on how: "Changes in the Profession Impact the Educational Training" and address the concept of "Theory on Curriculum". AFPC is pleased to announce that this meeting will be held jointly with CSPS to deliver an expanded scope of exciting venues to the membership. The conference organizing committee, co-chaired by Simon Albon and Ingrid Price have worked tirelessly to prepare an educational program that is both informative and engaging. During this conference, AFPC will be celebrating the recognized excellence of our award winners in academic research, teaching and graduate studies. I am also pleased to announce that Manitoba has been designated to host the upcoming 2011 AFPC conference.

Over the past year, under the leadership of Dr Roy Dobson (Past President), AFPC has been involved in several key areas pertaining to academic pharmacy. Specifically, AFPC has been actively involved with: the development of the educational outcomes for pharmacy programs across Canada; advanced website development; structured practical experiential programs

(SPEP); program evaluation as well as the development of a comprehensive teaching and research database on the AFPC website of all academic staff across the country to promote advanced access to the leaders of our profession. At present, the AFPC executive is preparing and planning for the midyear meeting in Toronto in January/February 2010. The purpose of this meeting will be to establish a strategic plan that AFPC will take on in the upcoming year based on priority initiatives identified by AFPC executive and council members. The ability to identify and be actively involved in the completion of such key initiatives represents the foundational framework by which AFPC continues to contribute to the graduation of highly qualified professionals from the various Faculties, Colleges and Schools of Pharmacy across Canada.

At this time I would like to once again express my sincere appreciation for the contributions and hard work of the entire AFPC council for the many milestone achievements that were undertaken and accomplished. In addition, I would also like to extend sincere thanks to Dr Frank Abbott for his continued dedicated service as executive director for AFPC. On behalf of AFPC, I would like to extend our best wishes to Dr Abbott on his recent announcement of his official retirement as executive director for our organization. As such, a celebration of Dr Abbott will be held at the AFPC conference in Vancouver in June of 2010. I look forward to having the opportunity to meet many of you at the Vancouver conference and the opportunity to celebrate the retirement of Dr Abbott for his service through AFPC to the profession of pharmacy.

At this time I would like to leave you with a quote from Ralph Waldo Emerson that speaks to the leadership of those within our profession that has contributed to the tremendous advancements made in practice of professional pharmacy: "Don't go where the path may lead, go where there is no path and leave a trail"

Warmest regards,
Michael Peter Namaka
 AFPC President, 2009-2010

EXECUTIVE DIRECTOR'S CORNER

Dear faculty and colleagues: Welcome back to another productive and stimulating session of pharmacy education and development in Canada. I trust that most of you have had the opportunity to take adequate quality time off during the summer for a bit of relaxation and fun. Summer in BC was better than usual this year, if not so perfect in other parts of the country. Now, with the onset of the fall term the interesting part begins with the challenges of increasing class sizes and the introduction of new curricula that keep devoted faculty engaged as pharmacy educators and researchers. My best wishes to all of you for a successful 2009 – 2010 academic year.

Awards Book

The 2009 Awards Book will soon be in your hands if it has not already been distributed. Significant changes from last year's edition include sanofi-aventis as our sponsor for the New Investigator Research Award having replaced AstraZeneca Canada Inc in this capacity. The Merck Frosst Canada Ltd Graduate Pharmacy Fellowship Award has been reworded to also include students who are in a pharmaceutical sciences degree program that is offered by a member Faculty of AFPC. The CFP/AFPC Graduate Student Award for Pharmacy Practice Research was introduced in 2008. Based on feedback from the Canadian Pharmacy Practice Research Group and prior applicants for this award, the eligibility of applicants and the criteria for the submission of papers has been revised. Given the large number of applications received in recent years for the GSK Award, it is hoped that the addition of the CFP Award will allow recognition of best publications in applied pharmacy research as well as in the basic sciences. On behalf of Awards Committee chair, Mary MacCara (Dalhousie), may I urge you to nominate deserving colleagues and students for the upcoming 2009-2010 awards competition. A strong competition is essential to maintaining a healthy awards program. Please consider contributing your talents as a reviewer should you be contacted. AFPC is always looking for new help for the review of award applications.

Award Winners for 2009:

Bristol-Myers Squibb/AFPC National Award for Excellence in Education: *David Gardner (Dalhousie)*.

AFPC has a new address:

The office of AFPC has moved, not very far mind you, but here are the new coordinates in Vancouver:

Association of Faculties of Pharmacy of Canada

4640 West 7th Ave

Vancouver, BC V6R 1X5

Phone: 604-222-0221

Fax: 604-222-2574

Email: fabbott@telus.net

www.afpc.info

Please note that the telephone, fax, email, and web page address remain unchanged.

Canadian Foundation for Pharmacy/AFPC Graduate Student Award for Pharmacy Practice Research: *Marie Lordkipanidzé (Montréal)*.

GlaxoSmithKline/AFPC Graduate Student Research Award: *Carl Julien (Laval)*.

Pfizer/AFPC Research Career Award: *Murray Krahn (Toronto)*.

sanofi-aventis/AFPC New Investigator Research Award: *Afsaneh Lavasanifar (Alberta)*.

AFPC Student Research Poster Awards:

Abeer Ahmed (Memorial), Mark Chambers, (Dalhousie), Étienne Audet-Walsh (Laval), Maud Pinier (Montréal); Kelvin KW Hui (Toronto), Ousama M. Rachid (Manitoba), Graham D. Brown (Saskatchewan), Aws Alshamsan (Alberta), Charles Au (British Columbia).

AFPC Best Poster Awards: Étienne Audet-Walsh and Kelvin KW Hui.

Whit Matthews Graduate Student Poster Award: Graham D Brown.

Wal-Mart Canada-AFPC Future Academic Leader Awards: Nina Boucher (Laval), Judith Fisher (Toronto), Diala Harb (Montréal), Jason Kielly (Memorial), Marie Lordkipanidzé (Montréal), Shanna Trenaman, (Dalhousie).

Merck Frosst Canada Ltd Postgraduate Pharmacy Fellowship Award: *Ms. Antonia Tsallas (UBC)*

Photos of the Award Winners taken during the 2009 Conference may be found at: <http://afpc.info/photos.php?SectionID=6&GalleryID=17>

Blueprint for Pharmacy: The implementation phase of the Blueprint for Pharmacy has now begun. AFPC Council members, the Deans of Pharmacy and representatives from PEP Canada met in Halifax on June 4 for an intensive but productive meeting to deal with the recommendations of the Blueprint working groups. Of the thirteen initiatives from the Education and Continuing Professional Development working group, five were identified for a leadership role by ADPC/AFPC. Preliminary action plans were then developed with the top priority being the core pharmacy curriculum. The group, in principle, agreed to endorse the Pharm D as the entry to practice degree for all Canadian Faculties and to be accredited under the entry level Pharm D standards by the year 2020. David Hill (CCAPP Executive Director, incoming Dean at the University of Saskatchewan and chair of the Blueprint for Pharmacy) was asked to draft a position statement on the need to upgrade the core pharmacy curriculum and the decision to support the entry level Pharm D degree. The report of this session was forwarded to CPhA as evidence of ADPC/AFPC progress in dealing with the recommendations of the Blueprint for Pharmacy.

Educational Outcomes for Professional Degrees in Pharmacy: The draft educational outcomes document for entry-to-practice pharmacy programs in Canada was recently distributed to the Faculties for critique and comment. Response from Faculties and individuals has been robust and the task force will certainly value this feedback as the final document is prepared. Consultant, Nancy Winslade is to meet with the Deans of Pharmacy at their annual meeting in Charlottetown to discuss the educational outcomes project.

Conference and Meetings in Halifax: The 66th AFPC annual conference “Affecting Change: From Academia to Practice” was held June 3-5 at the Lord Nelson Hotel in Halifax. Attendance was exceptionally good with 100 registrants for the conference. More than 40 abstracts were presented as posters and Dalhousie faculty had the opportunity to showcase many of their educational initiatives and innovations. The conference concluded with a well attended awards banquet made special by being held at Pier 21 where many newcomers to Canada arrived by ship. Dalhousie College of Pharmacy Director Rita Caldwell and all her faculty and staff are to be heartily congratulated for the planning and execution of such a successful conference.

AFPC wishes to recognize the contributions from pharmacy organizations that choose to help make a difference in academic pharmacy in Canada.

**ASSOCIATION OF FACULTIES OF PHARMACY OF CANADA/
ASSOCIATION DES FACULTÉS DE PHARMACIE DU CANADA
AFFILIATE MEMBERS 2009**

**CANADA’S RESEARCH-BASED PHARMACEUTICAL COMPANIES
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WYETH CONSUMER HEALTHCARE**

Frank Abbott
Executive Director

FACULTY SPOTLIGHT: UNIVERSITÉ LAVAL

Note from the Dean / Jean-Pierre Grégoire, Ph.D



It is with great pleasure that we give you some updates from our Faculty of Pharmacy. Among the many ongoing projects, we must first mention the construction and renovation of the Ferdinand Vandry building, home of our Faculty.

Since May 2008, students and professors of the faculties of medicine, pharmacy and nursing share the same bright and modern facilities. In the coming years, auditorium, classrooms as well as state-of-the-art laboratories for pharmacy practice teaching will be added and the project will be completed in 2010.

Ferdinand-Vandry pavilion

The “Projet Santé”, as we call it, represents an investment of \$ 81 million funded by the Quebec

government and by Laval University, which also contributes to the development of the educational of the project. Laval University aims at collecting \$ 13,8 million from its partners and among leaders of the health and business community to help finance the project. These challenges are just extra motivation in the pursuit of our many projects.

Among them, the development of the Entry Level Pharm D program remains very challenging and inspiring. Anne Dionne, recently appointed vice-dean of education, handles the projects, and has here a few words to say about it. Dr. Pascal Daleau, professor and head of research at the Faculty, for his part, is giving out a vivid picture of the importance and excellence of work done by our faculty professor-researchers.



The new doctoral program in pharmacy (Pharm.D.) Anne Dionne, Vice Dean of education

During the past year, important steps have been crossed in the Entry Level Pharm D program. In November 2008, members of the Academic Council unanimously approved the program project submitted by the Faculty. The next objective is therefore to obtain the approbation of the Conference of Rectors and Principals of Quebec Universities (CRÉPUQ), as well as the Minister of Education (MELS).

Several professors, lecturers, and tutors in charge of practical training in community pharmacy and Hospitals have collaborated to identify innovative educational and evaluation tools that were the most appropriate for the new program.

Steps are undertaken to reposition our collaborations with our pharmacy practice environment and to recruit and support new mentors in the Quebec area.

The Research

Pascal Daleau, Ph.D. Professor and head of research

This year was crucial for a majority of professors-researchers of the Faculty of Pharmacy since seven of them had to renew their salary award. The final result was a perfect score for researchers from the Faculty, as the Fonds de recherche en santé du Québec (FRSQ) granted a “chercheur-boursier” award to the 7 professors who applied: **Olivier Barbier, Éric Biron, Benoît Drolet, Danielle Laurin, Frédéric Picard, Paul Poirier and Roxane Pouliot**. This 100% success rate is well above the provincial average of 48 %!



L to R: Roxane Pouliot, Éric Biron, Danielle Laurin, Olivier Barbier, Benoît Drolet, Frédéric Picard, Paul Poirier (absent).

Even better, Professor Olivier Barbier succeeded in securing a prestigious New Investigator award from the Canadian Institutes of Health Research (CIHR). We can therefore proudly say that in 2009, 12 of our professor have now external salary funding, in addition to a CIHR research Chair. Thanks to our new scholarship faculty

policy, each professor-researcher holding a salary award can give a \$ 15 000 scholarship to one of his student. Thus, the success at the last salary award competitions will have an impact on the recruitment of graduate students, a priority at our faculty.

Our faculty has seen a 7% rise in total funds obtained by our faculty members as principal investigators (\$ 3.85 million). The performance is similar to 2006-07. Although it is difficult to sum up the amounts received as co-principal investigator (or co-PI) at the faculty, it is noteworthy that 51% of funding obtained through collaboration (more than \$ 7.5 million) falls into this category. Overall, the annualized number of publications (128), congress presentations (180) and conferences (75) have remained similar over the last 4-5 years.

We are thrilled to say that, in 2009, 6 of our laboratories have reached an annual operating budget (\$ obtained as PI) equal to or greater than \$ 300 000. Note also that 11 of our professor are principal investigator on major CIHR grants, which represent 59% of total our external support. This percentage has grown steadily for the last 3 years, which is a very good sign for the future of research at our faculty.

Evolution of funds from CIHR (P.I.) and CFI/NSERC (P.I.) during the past 4 years

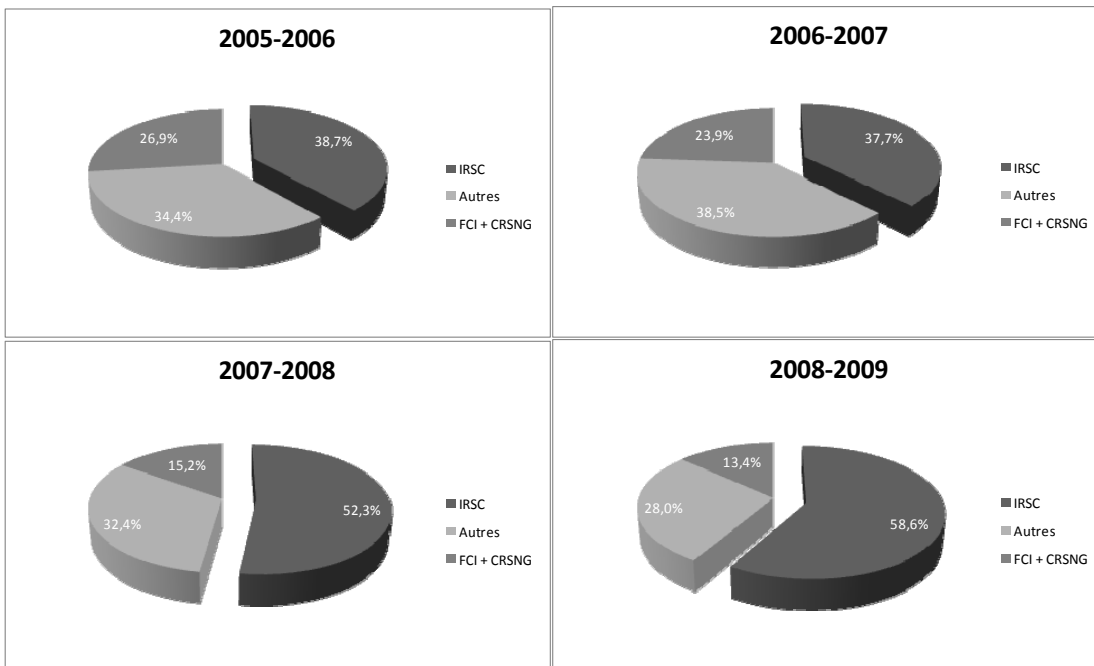


Table: Grants from faculty members in 2008- 2009

Chercheur	Organisme	Grant (\$)	Duration	Objectifs du projet de recherche
Dr Olivier Barbier	CIHR - subvention	687 600	5 years	<i>FXR : a promising target for prostate cancer treatment.</i>
	CIHR- Bourse de nouveau chercheur	300 000	5 years	<i>Endobiotics glucuronidation: a novel therapeutic avenue for metabolic and endocrine diseases.</i>
	FRSQ - Boursier Junior 2	204 493	3 years	La glucuronidation des composés endogènes : une nouvelle cible pharmacologique pour le traitement des maladies métaboliques et endocriniennes.
Dr Éric Biron	FRSQ- Boursier Junior 1	246 321	4 years	Nouvelles approches thérapeutiques antinéoplasiques : exploration et manipulation des interactions protéine-protéine impliquées dans le cancer par biomimétisme moléculaire.
Dr Frédéric Calon	CIRH	50 000	1 year	<i>Senescence acceleration in the 3xTg-AD model of Alzheimer's disease.</i> The major aim of this study is to speed up the aging process in transgenic mice in the hope of generating an animal model closer to AD.
	International Essential Tremor Foundation	30 000	1 year	<i>GABAergic abnormalities in the deep cerebellar nuclei of Essential Tremor patients: postmortem investigations.</i> The goal of Dr.Calon study is to identify molecular changes in the cerebellum of patients who died with essential tremor.
	CIHR	100 000	1 year	<i>Neuroprotective action of n-3 polyunsaturated fatty acids in Parkinson's disease.</i> The objective of the project is to shed light on the mechanism of action of omega-3 fatty acids in Parkinson's disease.
Dr Michel Dorval	CIHR	282 000	3 years	<i>Family communication following BRCA1/2 genetic testing.</i> The aim of this project is to understand how individuals communicate and learn about cancer risk within families who have undergone BRCA1/2 genetic testing. We will 1) describe the patterns and the content of communication of genetic information among family members, 2) identify factors that facilitate or hinder optimal communication of genetic information, 3) determine the long-term impact of sharing genetic information on the relationships of members of high-risk families.
	CIHR	5 379 534	5 years	<i>CIHR team of prediction and communication of familial risk of breast cancer.</i> The overarching goal of this integrated team grant program is to thoroughly evaluate the prediction of breast cancer risk and its communication to individuals with a family history of breast cancer.
	CBCRA	50 000	1 year	<i>Exploring the potential of administrative databases to evaluate the quality and cost of medical monitoring of people tested for BRCA1/2</i> This project will explore the potential benefits provided by administrative databases to evaluate medical monitoring of individuals undergoing BRCA1/2 testing and to estimate the public health services costs associated with these tests.
Dr Benoit Drolet	FRSQ- Boursier Junior 2	196 691	3 years	La prolongation de l'intervalle QT induite par les médicaments associée au diabète et au syndrome métabolique : l'implication potentielle du transport actif transmembranaire des médicaments
Dr Pierre Gagnon	Institut national du cancer	657 865	4 years	<i>Creating meaning following cancer : A cognitive-existential intervention to improve existential and global quality of life.</i>
Dre Chantal Guillemette	CIHR	812 500	5 years	<i>Pharmacogenomics of human UGT enzymes</i>
	CIHR	375 000	3 years	<i>Hematopoietic stem cell (HCT) transplantation: Identification of key determinants of graft-versus-host disease.</i>
Dr Matthieu Guitton	NSERC	100 000	5 years	<i>Analysis of the Auditory Component of Social Perception</i>
Dre Danielle Laurin	FRSQ - subvention	227 250	3 years	<i>Évaluation d'une nouvelle approche d'aide thérapeutique, la clinique d'enseignement du glaucome aux patients, dans le traitement chez la personne âgée.</i>
	FRSQ - Boursier - Junior 2	196 691	3 years	<i>Contaminants environnementaux, démence et autres maladies chroniques chez l'aîné.</i>

Dr Frédéric Picard	CIHR	324 000	3 years	<i>Transcriptional control of adipose tissue metabolism during aging.</i>
	CIHR - NFSC	90 000	3 years	<i>Role of Sir2 in longevity.</i>
	NSERC	205 000	5 years	<i>Role of Neat2 in adipose tissue.</i>
	FRSQ	200 000	4 years	<i>Role of Neat2 in adipose tissue.</i>
Dr Paul Poirier	FRSQ	204 493 122 495	4 years	Influence de l'obésité et du diabète de type 2 sur la structure et la fonction cardiaque : relation entre les variables métaboliques et non métaboliques de risque cardiovasculaire et modulation par des interventions non pharmacologique, pharmacologique et chirurgicale.
Dre Roxane Pouliot	CIHR/NSERC	360 000	3 years	<i>Development and characterization of reconstructed psoriatic skin.</i>
	FRSQ – Boursier Junior 2	211 962	3 years	Comprendre la différenciation cellulaire accélérée des kératinocytes psoriasiques grâce au génie tissulaire.
Dre Chantale Simard	HSF	58 500	3 years	The role of diabetes in triggering and perpetuating atrial fibrillation.

CBCA= Canadian Breast Cancer Research Alliance
FRSQ= Fonds de recherche en santé du Québec
NSERC=Natural Sciences and Engineering Research Council of Canada

CIHR= Canadian Institutes of Health Research
HSF= Heart & Stroke Foundation

Inauguration of the therapeutical adhesion Chair

The “Chaire sur l’adhésion aux traitements” was inaugurated September 29, 2009. It is located in the Population Health Research Unit of the Affiliated University Hospital of Quebec and has a budget of \$ 2 million over five years. The team is composed of two researchers from the Faculty of Pharmacy, three research professionals, four students enrolled in a graduate program of the Faculty of Pharmacy and many collaborators. The Chair wants to reach different people: those who require treatment, their families, health professionals and decision makers.



Jocelyne Moisan, the research chair holder, earned a Bachelor’s degree in consumption, a bachelor's degree in dietetics and a master's and a doctorate in

epidemiology at Laval University. Since 1991, she held a professor position at the Faculty of Pharmacy and has supervised many graduate students. Professor Moisan is responsible for the 2nd and 3rd degree program in pharmacoepidemiology at the Faculty of Pharmacy where she teaches pharmacoepidemiology.

Our student researchers funded

Étienne Audet-Walsh, PhD Student, Canada Graduate Scholarship Frederick Banting and Charles Best-IRSC **and** a 1st prize from the Association of Faculties of Pharmacy of Canada (AFPC).

Mélanie Bousquet, PhD Student, Canada Graduate Scholarship Vanier-IRSC.

Sophie Carter, Master Student in Pharmacy obtained a grant from the Canadian Institutes of Health Research.

Julie Lapointe, PhD Student, Canada Graduate Scholarship Frederick Banting and Charles Best-IRSC.

Vincent Ménard, PhD Student, Canada Graduate Scholarship Frederick Banting and Charles Best-IRSC.

Sophie Pâquet, Master Student in Pharmacy obtained a grant from the Canadian Institutes of Health Research and from the *Fonds de recherche en santé du Québec*.

Martin Perreault, Master Student, received a Scholarship from the *Fonds de recherche en santé du Québec*.

Mélanie Rouleau, Master Student in pharmacy received a Scholarship from the *Fonds de recherche en santé du Québec*.

Mélanie Turgeon, Master Student in pharmacy, Merck Frosst Canada Inc. Graduate Pharmacy Fellowship Award.

UNIVERSITÉ LAVAL

General Faculty News

Appointments

On Wednesday, September 2, 2009, Dr. Jean-Pierre Grégoire announced the following appointments:

Carmen Vézina became the director of undergraduate program in pharmacy. She assumes the succession of Anne Dionne recently appointed Vice-Dean of undergraduate studies.

Jean Lefebvre became director of the Master program in Hospital Pharmacy, according to which he has acted in the course of 2008, 2009. He replaces Carmen Vézina

Chantale Simard became the Director of 2nd degree program in community pharmacy to replace Anne Dionne.

Research Events

Annual research-related event held at our faculty included the Research Day, Noon research meetings, Roundtables on particular theme (ex: pharmacogenomics and drug delivery), meetings of the research committee (2), renewal of the two-year plan for development of research, participation in the AFPC Congress.

Alumni News: Recognition of our graduates

Denis Brouillette, named *Pharmacien de cœur et d'action*, awarded in *Hospital Pharmacist* category

Marc Desgagné, named *Pharmacien de cœur et d'action*, awarded in *Pharmacist in education* category

Anne Dionne, named Vice-Dean, undergraduate studies.

Mirella Faubert, recipient of the APES-SCPH Pfizer 2008 and the Pierre-Paul-Leblanc award.

Charles Milliard, named vice-president, Professional Services, Uniprix.

Luc Poirier, recipient of the award Roger-Leblanc given by the “ l'Association des pharmaciens des établissements de santé du Québec” (APES)

Frédéric Poitras, named *Pharmacien de cœur et d'action*, awarded in *Hospital Pharmacist* category

Julie Racicot, promoted to Assistant Chief of Pharmacy department at Quebec University Institute of Cardiology and Pneumology (UCPQ - Laval Hospital).

Marie-Claude Vanier, named *Pharmacien de cœur et d'action*, awarded in *Interdisciplinary Collaboration* category.

Past Events

Rendez-vous football Rouge et Or 2009, Saturday, September 19

White coat ceremony, Tuesday, September 16, to mark the arrival of new students. (Photo below)

Journée de présentation des essais from Hospital Pharmacy Master Student - **Odette-Grech-Bélanger 2009 prizes**

1st prize: Christine Hudon, resident in pharmacy, CHUQ / St-François d'Assise

2nd prize ex-æquo: Esthel Malenfant, resident in pharmacy, CHA / Enfant-Jésus, and Marie-Laurence Tremblay, resident in pharmacy, CHUQ / Hôtel-Dieu

Upcoming events

Brunet Symposium, will be held on Friday 23 October 2009 at the Hilton Quebec - The theme: Referral or not? That is the question!

Soirée des vins à l'honneur, will be held on Saturday 17 April 2010 at the theater *Capitole de Québec*



UNIVERSITY OF SASKATCHEWAN

General Faculty News

Work is progressing on the University's *Second Integrated Plan: towards an Engaged University*. Our College *Plan* is well aligned with the University *Plan*, and as well with the visions of our two professions. The College is spearheading establishment of a *Chair in Health Quality Improvement Science*, as part of our *Plan*. This summer we submitted a *Budget Adjustment Plan* to the University – our contribution to addressing the financial impact of the economic crisis on the institution. We will pursue administrative efficiencies that will not compromise the quality of our programs or result in job losses.

Minister of Health Don McMorris visited the College in September and met with the College faculty and student representatives. Acting Associate Dean Academic Dr. Linda Suveges is working with the University, faculty, and SPEP and Dietetic Internship colleagues to prepare for a potential H1N1 pandemic. The *Saskatchewan Drug Information Service*, located in the College, is anticipating a significant surge in calls should a pandemic occur. Construction is going well on the first stage research wing of the Academic Health Sciences facility. Our move over to the AHS building will take place in stages, from 2012-15.

Special Recognitions

Dr. Shawna Berenbaum has been elected Chair-Elect of the Dietitians of Canada Board of Directors.

Norma Greer, Nutrition Technician, received the University's *2009 Safety Recognition Award*.

Dr. David Blackburn was honoured with the *Bristol-Myers Squibb Excellence in Teaching Award*.

Dr. Derek Jorgenson was awarded the national *Commitment to Care & Service Award*, in recognition of his excellent work involving Pharmacy and Nutrition students and pharmacists in Saskatoon's *Student Wellness Initiative toward Community Health (SWITCH)*. Derek recently took part in the *SWITCH Golf Tournament*, to raise money in support of its medical and social programming. The College was pleased to sponsor a hole and also two of our students, who are active in *SWITCH*.

Individual Faculty and Staff News

The College was very pleased to welcome our new Dean, Dr. David Hill, in August. Former Dean, Dr. Dennis Gorecki, is on Administrative Leave. Dennis recently attended the *69th International Congress of the International Pharmaceutical Federation* in Istanbul.

Dr. Fred Rémillard has been appointed Associate Dean Research and Graduate Affairs for a five-year term. Dr. Linda Suveges is Acting Associate Dean Academic from July 1-December 31, 2009 and Dr. Yvonne Shevchuk from January 1-June 30, 2010. This is a new position, and a search will take place in the New Year to appoint an individual to a five-year term. We welcomed Jolene Johnson to the College as Pharmacy Practice Skills Coordinator for Years 1 and 2, and Deb Michel to the position of Research Technician for our *Drug Design and Discovery Research Group*. Several faculty will be on full sabbaticals or six month leaves this year. We are pleased to have Pharmacy Sessional Lecturers Jennifer Billinsky, Ken Gunn, Barry Lyons, Tara Smith and Barry Ward with us for 2009-10. Ray Joubert and Lori Postnikoff will continue to teach Law and Ethics. Dawna Hawrysh is Projects and Administrative Officer with the Continuing Professional Development for Pharmacists unit.

Grants and Research

College faculty continue to achieve research funding success to undertake a broad range of activities, targeted research group activities and international projects:

Dr. Ildiko Badea is collaborating with Adjunct Professor Dr. Marianna Foldvari, University of Waterloo, on a project titled "The Development of Gemini Nanoparticles in Non-Viral Gene Delivery."

Dr. David Blackburn, Ph.D. graduate student Charity Evans, and colleagues from Pharmacy and Nutrition and other health sciences are undertaking a major research study involving community pharmacies across Saskatchewan. *CPATCH (Community Pharmacists Assisting in Total Cardiovascular Health)* will invite community pharmacists to receive practical training to help support their patients, with the goal of increasing adherence to cardiovascular medications.

Undergraduate News

Tara Hindley received the *Robert Martin Prize* and *SCP Gold Medal*, and Jamie Buschmann was presented with the *Rutter Medal*, as our most outstanding Pharmacy and Nutrition graduates, respectively, at *Spring 2009 Convocation*. Applications to the Pharmacy program this year totaled 536. Enrolment in the BSP program is 354, with 90 students in Year 1, 85 in Year 2, 88 in Year 3 and 91 in Year 4. Enrolment in the BSc in Nutrition program totals 100, with 28 students in Year 1, and 26 in each of Years 2, 3 and 4. Saskatchewan Pharmacy and Nutrition Students' Society Co-Presidents Kaitlyn McMillan and Noelle Tourney, Pharmacy Senior Stick Brent Goeres, Senior Dietitians of Canada Liaison Jacinda Duquette and Council representatives welcomed the *Classes of 2013* at *Orientation 2009*. As part of the quality assurance component of our *College Strategic*

Graduate News

The following students will receive graduate degrees at *Fall Convocation 2009*:

Tara Smith, PhD Thesis "The Role of *Hoxa2* and Its Characterization of New Downstream Targets in Murine Palatogenesis;"

Mahsa Seyed-Hosseini, MSc Thesis "Side Effect Information and the Influence on Patient Medicine-taking Behaviour;"

Graham Brown, MSc Thesis "Determination of the Role and Regulation of Matrix Metalloproteinase-25 During Mouse Secondary Palate Formation;"

and Christine Bennett, MSc Thesis "The Effects of Low Glycemic, High Protein Pre-Exercise Meals on Metabolism and Performance in a Simulated Soccer Tournament." Christine was one of the winners of the poster competition at the *Canadian Society for Nutritional Sciences/Canadian Society for Clinical Nutrition Annual Scientific Session* held recently in Quebec City.

PhD candidate Xia Wang received the *Eli Lilly/CAN-CAN Young Neuroscientist Award* at the annual *Canadian Association for Neurosciences Meeting* held in May in Vancouver.

Enrolment in the Pharmacy graduate program totals 13 MSc, 11 PhD and 1 Interdisciplinary PhD; in Nutrition, there are 14 MSc students, 1 Interdisciplinary MSc and 6 PhD candidates, for a total of 46 students. We welcomed our largest ever intake of new students, who have come from Saskatchewan, British Columbia, Ontario, China, Dominica, Egypt, India and Saudi Arabia.

Plan, recent graduates of the BSP and BSc(Nutr) programs will be surveyed this fall, and asked for their feedback on how our programs prepared them/should prepare them both for their current positions and anticipated expanded roles in the future. This past year, 39 students from Pharmacy, Nutrition, Medicine, Nursing and Physical Therapy participated in an exciting new project, designed by Doreen Walker (Nutrition Professional Practice Coordinator), Bev Allen (Coordinator of the Pharmacy Structured Practice Experiences Program), and colleagues from other health care programs. Students worked in interprofessional teams with seniors, to learn about the aging process, patient-centred care, their teammates' respective roles and responsibilities, and health care resources for seniors.

Fundraising Success

President Peter MacKinnon, Rob Norris (Minister of Advanced Education, Employment and Labour), Ghislain Boudreau (Vice-President, Pfizer Canada), Gregg Szabo (Executive Director, Merck Frosst Canada) and David Quail (Executive Director, AstraZeneca Canada) joined Dean Gorecki and College faculty and staff this June to formally celebrate the announcement of a joint initiative to improve health care and health-care education in the Province. The \$1.7 project will create an *Academic Chair in Adherence Research* to work with pharmacy, medical and nursing educators and professionals, and their patients, to improve adherence to drug therapy. This summer's annual *Golden Suppository Golf Classic* generated over \$29,000 through generous contributions and sponsorship from industry representatives and practitioners, to support College research initiatives. We were pleased to have University Chancellor Vera Pezer and President Peter MacKinnon join in the fun.

Alumni News

The University's *Annual Homecoming Reunion* in June honoured *Classes of 1949, 1954, 1959, 1964 and 1969*, as well as *All Years from 1928 to 1948*. The College hosted the *BSP Class of 1959* for a reunion tour as well as an alumni hospitality event at the annual *Pharmacists' Association of Saskatchewan Conference* in May. The *BSP Class of 1999* celebrated its 10-year reunion in July. Dean Hill is looking forward to continuing the pleasant tradition of visiting alumni in their communities across the Province in the months ahead.

DALHOUSIE UNIVERSITY

Academic appointments, promotions, resignations, retirements

We are very pleased to welcome three new faculty members: Dr. Jennifer Isenor, Dr. Sean Gorman and Ms. Lisa Walker. Dr. Jennifer Isenor joined the College as Skills Lab Administrator and Assistant Professor in Pharmacotherapeutics. In 2003 Dr. Isenor graduated from the Dalhousie University College of Pharmacy (Dal CoP) and she has a PharmD (2009) from the University of British Columbia (UBC), Dr. Isenor is also a Certified Geriatric Pharmacist with a diverse clinical background, including long-term care, hospital and community practice.

Dr. Sean Gorman has accepted the position of Clinical Coordinator of ICU Pharmacy at the Capital District Health Authority, with a 40% cross- appointment with the College of Pharmacy. Dr Gorman is a 1998 Dalhousie University College of Pharmacy graduate. He completed a hospital pharmacy residency program at the QEII Health Sciences Centre, Halifax and went on to complete a PharmD (2001) at UBC. Since 2001 Dr. Gorman has practiced as a clinical pharmacotherapeutic specialist in critical care at the Vancouver General Hospital, with a cross- appointment to the UBC Faculty

of Pharmaceutical Sciences. Dr Gorman will start his new position in November.

Lisa Walker joined the College of Pharmacy as first year Skills lab Coordinator. Lisa is a 2002 graduate of the Dalhousie University College of Pharmacy. Lisa has an extensive background in long term care and also in the third party payer sector, as a consultant for formulary management and developer of health risk assessment programs.

Professor Rita Caldwell has been reappointed as the Director of the College of Pharmacy for a third five-year term (2009-2013).

Dr. Neil MacKinnon was promoted to full professor, effective July 1, 2009.

We are sorry to bid two faculty members adieu. Dr. Hoan Linh Banh has accepted a position at the Faculty of Pharmacy and Pharmaceutical Sciences, University of Alberta. Kathy Walsh has accepted a clinical pharmacist position at G.B. Cross Memorial Hospital in Clarenville, Newfoundland.

Individual Faculty News

Dr. Ingrid Sketris was elected vice-chair of the Canadian Institutes of Health Research Institute of Health Services and Policy Research (IHSPR) Advisory Committee for the term July 2008 to August 2009. The mandate of IHSPR is to support outstanding research, capacity-building and knowledge translation initiatives designed to improve the way health care services are organized, regulated, managed, financed, paid for, used and delivered, in the interest of improving the health and quality of life of all Canadians.

Dr. Anne Marie Whelan was elected to the position of Atlantic Region Representative on the 2009-2011 Canadian Pharmacy Practice Research Group Executive (CPPRG) of the Canadian Pharmacists Association.

Dr. Peter J. Zed was appointed chair of the Canadian Society of Hospital Pharmacists National Research Committee.

Dr. Neil MacKinnon was the lead author on the *Canadian Pharmacists Journal* Best Paper of the Year Award for "Development of clinical indicators for type

2 diabetes". This award is given to the original submission that best demonstrates an impact or potential to impact patient care and to lead pharmacy practice change. Neil's co-authors were Nicole Hartnell, Emily Black, Peggy Dunbar, Jeff Johnson, Susan Halliday-Mahar, Rumi Pattar and Ehud Ur.

Dr. Neil MacKinnon was inducted as president-elect of the Canadian Society of Hospital Pharmacists in August 2009.

Grants

Langille D, Allen M, Whelan AM, Tobin C. Family practitioners knowledge, attitudes and provision of emergency contraception in Nova Scotia. \$4617.00 from the 2008-2009 Division of Medical Education Research and Development Fund, Faculty of Medicine, Dalhousie University.

Jakeman David J. Rhamnose biosynthesis: alternative antibacterial targets, 2009 CIHR operating grant, Pharmaceutical Sciences panel. \$93,712 per year for 3 years.

General Faculty News

Under the local co-chairmanship of Susan Mansour and Anne Godden-Webster, the Faculty of Health Professions co-hosted the interprofessional Collaborating Across Borders II conference. The Conference attracted over 450 participants from 16 countries and focused on an exploration of common issues around interprofessional education, practice and policy.

The Initiative for Medication Management, Policy Analysis, Research and Training (IMPART) at the College of Pharmacy, Dalhousie University hosted a Symposium “Developing, Validating and Applying Prescribing Indicators: Experience from Canada and Abroad” on June 1-2, 2009. Dr. Ingrid Sketris provided an introduction to the meeting and specific challenges faced in Canada. The keynote speakers were Dr. Jean Pierre Grégoire, Université Laval, discussing the Quebec Drug Utilization Network, and Dr. Ulf

Bergman, Karolinska University Hospital, Stockholm, Sweden, Dr. Vera Vlahovic-Palcevski, University Hospital Rijeka, Croatia and Dr. Morten Andersen, University of Southern Denmark, Denmark, discussing the collaborative approaches their institutions and the European Union has taken to drug utilization research and training in pharmacoepidemiology and pharmacovigilance. Participants from Provincial Health Departments, Health Services Delivery Organizations, Federal Government agencies, and researchers and trainees discussed case scenarios which involved methodologic issues in developing performance indicators and barriers and facilitators to improving drug use in Canada. The meeting was funded by the Drug Evaluation Alliance of Nova Scotia (DEANS), the Canadian Agency for Drugs and Technologies in Health (CADTH), and the Canadian Institute for Health Information (CIHI). A report will be forthcoming on the IMPART website www.impart.pharmacy.dal.ca.

Publications

Jurgens T, Whelan AM, MacDonald M, Lord L. Development and evaluation of an instrument for the critical appraisal of randomized controlled trials of natural products. *BMC Complement Alter Med* 2009 Apr 23;9:11.

Whelan AM, Jurgens TM, Bowles SK, Doyle H. Efficacy of natural health products in treating osteoporosis: What is the quality of internet patient advice? *Ann Pharmacother* 2009;43:899-907.

Jurgens T, Whelan AM. Advising patients on the use of natural health products to treat premenstrual syndrome. *CPJ* 2009;142:228-33.

MacKinnon NJ. The Professor Is In. *Canadian Journal of Hospital Pharmacy*. 2009; 62(4): 348.

Ackroyd-Stolarz S, MacKinnon NJ, Sketris I, Sabo B. Potentially Inappropriate Prescribing of Benzodiazepines for Older Adults and Risk of Falls During a Hospital Stay: A Descriptive Study. *Canadian Journal of Hospital Pharmacy*. 2009; 62(4): 276-83.

O'Hagan J, MacKinnon NJ, Persaud D, Etchegary H. Self-Reported Medical Errors in Seven Countries: Implications for Canada. *Healthcare Quarterly (Patient Safety Papers)*. 2009; 12: 55-61.

Ackroyd-Stolarz S, Guernsey JR, MacKinnon NJ, Kovacs G. Impact of Adverse Events on Hospital Disposition in Community-Dwelling Seniors Admitted to Acute Care. *Healthcare Quarterly (Patient Safety Papers)*. 2009; 12: 34-9.

Scobie AC, MacKinnon NJ, Higgins SD, Etchegary H, Church R. The medical home in Canada: Patient perceptions of quality and safety. *Healthcare Management FORUM*. 2009. 22(1): 47-51.

Groves KEM, MacKinnon NJ, Sketris IS. Prescribing Behavior. In: *Social and Behavioral Aspects of Pharmaceutical Care*, 2nd Edition. Rickles NM, Wertheimer AI, Smith MC, eds. Jones and Bartlett Publishers. Sudbury, MA; 2009: 141-76.

Murphy AI, Martin-Misener R, Cooke C, Sketris I. 2009. Administrative Claims Data Analysis of Nurse Practitioner Prescribing for Older Adults. *J Adv Nursing*; doi:10.1111/j.1365-2648.2009/05069.x.

Kent A, Sketris I, Johnston BL, Sommers RB. 2009. Effect of Utilization Policies for Fluoroquinolones: A Pilot Study in Nova Scotia Hospitals. *Can J Hosp Pharm* 62(1):12-20.

Presentations

Dr. Ingrid Sketris presented “Prescribing and Drug Utilization in Canada” at a Consultation hosted by the Canadian Medical Association on June 8, 2009 in Ottawa, Ontario.

Dr. Peter Zed gave the following invited presentations:

1. Adverse Drug-Related Events and Hospital Visits: Opportunities and Challenges for Pharmacists, Memorial University of Newfoundland School of Pharmacy Homecoming, St. John's, NL, August 1, 2009.
2. Adverse Drug-Related Events and Hospital Visits: Opportunities and Challenges for Community Pharmacists, Canadian Pharmacists Association, 97th Annual National Conference, Halifax, NS, May 31, 2009.
3. Clinical Decision Making: Are We Making the Right Decisions? New Brunswick Pharmacists' Association Annual Meeting, Moncton, NB, May 24, 2009.

Students News

Nicole Hartnell defended her PhD thesis on May 31, 2009. The thesis for her Interdisciplinary PhD was on the topic of barriers to medication error reporting in Nova Scotia hospitals. Neil MacKinnon was her supervisor and Ingrid Sketris was one of her thesis

committee members. Nicole now lives outside of Boston, MA.

Heidi Deal has received a graduate student stipend for her Master's thesis project, SafetyNET: Insights and Lessons Learned from a Pilot Study from the Nova Scotia Health Research Foundation. Neil MacKinnon is her thesis supervisor.

Education Corner

CSHP 2015 is a practice excellence initiative for pharmacists in hospitals and related healthcare settings and is a major activity of the Canadian Society of Hospital Pharmacists (www.cshp.ca). Modeled after a similar initiative of the American Society of Health-System Pharmacists, yet made uniquely Canadian, CSHP 2015 has set objectives and targets for hospital pharmacy practice to be attained by 2015, which, if attained, would undoubtedly help to move hospital pharmacy practice forward. Dr. Neil MacKinnon, as part of a course for 4th year pharmacy students at Dalhousie in Fall 2009, has developed a new assignment whereby small groups of pharmacy students will make in-class presentations on how they could play a part in CSHP 2015 in very practical terms. Please contact Neil (neil.mackinnon@dal.ca) if you would like a copy of the assignment guidelines.

UNIVERSITY OF TORONTO

Faculty News

A technology developed by Professor **Micheline Piquette-Miller** and Associate Professor **Christine Allen** at the Leslie Dan Faculty of Pharmacy has recently been licensed to OncoTek Drug Delivery Inc. Their technology, PoLi, is a drug delivery system designed to provide localized and sustained release of medications, and has shown significant successes in laboratory testing in the treatment of ovarian cancer. Developed to provide sustained and regional chemotherapy in ovarian cancer, the PoLi system is implanted or injected directly into the tumour site during or after surgery.

Assistant Professor **Suzanne Cadarette** is recognized by the Institute of Aging and CIHR for being the highest ranking candidate in the field of aging in the recent CIHR Research Personnel Awards competitions. This will be recognized with a Special Recognition Prize presented to Dr. Cadarette at the Annual Conference of the Canadian Association of Gerontology in Winnipeg in October.

Assistant Professor **Clarence Chant** was elected a *Fellow of the American College of Clinical Pharmacy (ACCP)*. Fellowship in the College recognizes and rewards the highest levels of excellence in the practice and science of Clinical Pharmacy. The awarding of Fellow status is the highest honour the College can bestow on its members. Clarence will be officially inducted during a special ceremony on October 18, 2009 at the College's 2009 Annual Meeting in Anaheim, California. Clarence was also conferred the status of *Fellow of Canadian Society of Hospital Pharmacists (FCSHP)*.

Senior Lecturer **Debra Sibbald** completed her Ph.D. in Curriculum, Teaching and Learning from the Ontario Institute for Studies in Education (OISE) at the University of Toronto. Her thesis is: “Potential for Knowledge Building in Large Size Pharmacy Classrooms.”

Grants and Awards

Assistant Professor **Carolyn Cummins** received funding from the CIHR for her project “Role of LXRBeta in Glucocorticoid-Induced Hyperglycemia.” This 3-year grant will allow Dr. Cummins to uncover the signalling mechanism involved in the liver X receptor beta, a nuclear hormone receptor that is responsive to cholesterol metabolites, and, in the process, identify new determinants of glucocorticoid specificity.

Professor **Murray Krahn** has received a 3-year grant from the Ontario Drug Innovation Fund to study “Androgen deprivation therapy (ADT) in Ontario: Patterns of care, lifetime costs, model-based and real-world cost effectiveness.”

Professor **James Wells** also received a 5-year grant from CIHR to study the “Mechanism and Structure of G

Protein-Coupled Receptors.” This funding will allow Dr. Wells to understand the mechanism whereby GPCRs signal to and through their attendant G proteins, in an effort to better understand its role in heart disease, Alzheimer’s disease and schizophrenia.

Professor **Shirley Wu** also received funding from CIHR to study “Targeted nanoparticle carrier for drug combination therapy of breast cancer.” This 3-year grant will allow Dr. Wu to develop and determine the efficacy of nanoparticle carriers containing multiple synergistic cancer drugs with surface molecules specifically binding to tumor blood vessels and cancer cells. Dr. Wu also recently received funding from the Canadian Breast Cancer Research Alliance for a 4-year project entitled “Targeted nanoparticle carriers for drug combination therapy of breast cancer.”

Student News

Several students carried out various international projects over the summer:

Matt Koehler, current in 4th year, spent 3 weeks in Banjul, The Gambia, where he worked at a major hospital on an inventory management project and recommended systematic improvements to the dispensary workflow and inventory system. He also lectured to pharmacy assistant students on selected therapeutics topics, medication safety and pharmacy business management.

Matt also spent 8 weeks in Geneva, Switzerland where he interned in the Department of Essential Medicines and Pharmaceutical Policy with the Good Governance for Medicines program. He researched cases and literature regarding corruption and unethical practices in the pharmaceutical sector.

Linda Plong, also a student in 4th year, spent 8 weeks in Kep and Phnom Penh in Cambodia, sponsored through the Centre for International Health at the University of Toronto. Together with a second year medical student, she worked on a project which examined the delivery of diabetes care in Cambodia. Her time was spent between Calmette Hospital, a largest teaching hospital in Phnom Penh, and MoPoTsyo, a NGO that provides diabetes care and education for poor and vulnerable Cambodians.

Vincent Ho and Jonathan Chiu, currently in their final year of the undergraduate program, spent 2.5 months from June to August at a clinic in Katutura in Windhoek, Namibia. Katutura Health Clinic provides care to individuals with HIV and TB. Students worked in the Antiretroviral (ARV) pharmacy, dispensing medications, counselling patients and, assisting with other services available at the clinic. Vincent and Jonathan also had the opportunity to visit outreach clinics and distribute medications through these at nearby villages. A major focus was also conducting a research project on patient adherence to ARV treatment which was carried out with the assistance of nursing students studying at the University of Namibia. Through interviews, they measured how much patients understood about their medications. When any drug therapy problems were identified, these patients were referred to the appropriate health professionals at the clinic.

Induction into the Professional Community of Pharmacy Ceremony

On Thursday, September 24th, the 240 students that compose the class of 1T3 were inducted into the professional community of pharmacy at a ceremony held at the Faculty. The proceedings centred around a traditional white coat ceremony, which celebrates the long history of pharmacists in health care and the high standards to which the profession aspires.

UNIVERSITY OF MANITOBA

Academic Appointments

Kelly Senkiw joined the Faculty of Pharmacy in August 2009 as a Pharmacy Practice Instructor with a 0.8 appointment.

Beverley Alexiuk joined the Faculty of Pharmacy in September 2009 as a Pharmacy Practice Instructor with a 0.2 appointment.

Dinah Santos joined the Faculty as a nil salary lecturer on August 1, 2009.

Promotions

Lavern Vercaigne was promoted from Associate to Full Professor, effective March 30, 2009.

Michael Namaka was promoted from Assistant to Associate Professor, effective March 30, 2009.

Retirements

Colleen Metge, Associate Professor retired from the Faculty of Pharmacy effective September 1, 2009. Colleen will remain with the Faculty in a Senior Scholar appointment.

General Faculty News

2009 PEBC Results

The University of Manitoba, Faculty of Pharmacy Class of 2009 was ranked first in Canada in the 2009 Pharmacy Examining Board of Canada (PEBC) Qualifying Examination.

While Manitoba offers one of the smaller Pharmacy programs in Canada (ranked 9 of 10 in terms of student numbers), our performance in the national qualifying examination has typically been good with graduates achieving an average 94 % pass since 2000. In 2003, for the first time, Manitoba graduates were ranked first in Canada with respect to certification success. Since 2003, Manitoba has been the top ranked program on another three occasions (2006, 2008, and 2009).

In the current (2009) PEBC evaluation round, Manitoba graduates achieved a 98 percent pass rate, ranking number one in Canada for the second year in succession.

Research Grants

Silvia Alessi-Severini, Assistant Professor (along with Dr. James Bolton) received a grant from the HSC Foundation for \$19,260.88. Project title is "Use of Psychotropic Medications in Manitoba: A Population-based Study".

Student News

Pharmacy Students Win Awards in Multiple Sclerosis Walk

Led by **Kristine Petrasko**, Instructor, first, second, and third year students from the Faculty of Pharmacy took part in the MS Walk on Sunday, April 26th, 2009. Together, Team Pharmacy raised over \$15,000 for the cause.

For their tremendous efforts Team Pharmacy won Top Rookie Fundraising Team of the Year, Top Corporate Fundraising Team of the Year, and Largest Corporate Team of the Year with 78 team members. Team Pharmacy also placed 3rd overall for fundraising out of 211 teams!

Monies raised from the event will go towards MS research and helping members in the community with support group initiatives.

Major Visitors

On May 14, 2009 selected high school students from across Canada were at the Faculty of Pharmacy as part of the Canada-Wide Science Fair Tour.

UNIVERSITY OF ALBERTA

Academic appointments, promotions, resignations, retirements

New Dean

The faculty is pleased to welcome **Dr James Kehrer** as the new Dean of the Faculty of Pharmacy and Pharmaceutical Sciences at the University of Alberta for a 5-year term. Dr Kehrer joins to faculty after spending four years as the Dean of the College of Pharmacy at Washington State University in Pullman and Spokane, Washington. Dr. Kehrer received a BS in Pharmacy from Purdue University, a PhD in Pharmacology from the University of Iowa College Of Medicine, and was a Post-doctoral Investigator in toxicology at the prestigious Oak Ridge National Laboratories. Dr. Kehrer spent 25 years at the College of Pharmacy, University of Texas at Austin, initially starting as an Assistant Professor and progressing to full Professor. He served in the capacities of Chair, Division of Pharmacology and Toxicology and Director, Center for Cellular and Molecular Toxicology.

Dr. Kehrer has served on editorial boards of peer-review science journals, committees of national professional societies, grant review committees, a state legislative task force and a state advisory committee. Most notable among his current memberships are the U.S. Environmental Protection Agency Science Advisory Board – Exposure and Human Health Committee and the U.S. Food and Drug Administration Nonprescription Drugs Advisory Committee. He is also Editor for the

Americas and Japan of the International Journal Toxicology Letters. In addition to his achievements in the Academy, Dean Kehrer is highly regarded for his personal character, his high standards and his understanding of academic and research excellence. Please join us in welcoming Dr Kehrer to the Faculty.

Dr Franco Pasutto, concluded two terms as Dean begun in July 1999. The faculty would like to thank Dr Pasutto for his leadership for the past 10 years. Under his leadership as Dean, the Faculty of Pharmacy and Pharmaceutical Sciences maintained the top track record in Canada of students' success in the national pharmacy exams; increased the faculty's financial foundation; enhanced and expanded undergraduate, graduate and continuing education programs; recruited outstanding clinical and scientific staff and partnered with the Alberta College of Pharmacists to secure prescribing rights for Alberta pharmacists-a first in Canada!

Dr Pasutto is a medicinal chemist with numerous publications; who has contributed many hours of committee work; and has been the recipient of the Bristol-Myers Squibb Award for Excellence in Teaching four times and was awarded the University of Alberta AC Rutherford Award for Excellence in Undergraduate Teaching. Dr Pasutto will be continuing on as a Professor at the faculty.

Other faculty appointments

We would like to extend a big welcome to the following new faculty members:

Dr Hoan Linh Banh as a tenure track Assistant Professor starting May 2009.

Darren Passay as a full-time, sessional, Clinical Assistant Professor responsible for the Skills Labs starting September 2009.

Dr Rene Breault as a part-time, sessional Clinical Assistant Professor starting September 2009.

Ravina Sanghara as a part-time, sessional Clinical Assistant Professor starting September, 2009.

The following administrative changes were recently announced:

Dr Ayman El-Kadi: Associate Dean for Research and Graduate Studies

Terri Schindel: Director of Assessment and Practice Development

Dr Nese Yuksel: Curriculum chair

Graduate Student News

Marwa Elsherbiny (supervisor: Dr. Dion Brocks) was awarded the Biovail Contract Research Award of Excellence for her poster "The Effect of CYP1A induction on Amiodarone Disposition in the Rat". This was awarded at the Canadian Society for Pharmaceutical Sciences (CSPS) Symposium held June 3-6th, 2009 in Toronto, ON.

Grants

Dr Arno Siraki: primary investigator for a CIHR grant in support of his research on “*Mechanisms of Drug-Induced Agranulocytosis*”; \$405,018, 3 years.

Dr Mavanur Suresh: co-investigator on a CIHR grant in support of a project entitled: "*Molecular Imaging of Cyclooxygenase-2 expression in vivo by means of Positron Emission Tomography (PET)*"; \$300,000 for 3 years; collaborators are Dr. Frank Wuest (PI) and Dr Vicki Baracos.

Dr Lisa Guirguis (PI), Dr Christine Hughes, Dr Cheryl Sadowski, , Dr Mark Makowsky, Terri Schindel, Dr Nese Yuksel: awarded by the Canadian Foundation for Pharmacy (CFP) Innovation Fund 2009 for project “*Pharmacists’ Adoption of Prescribing*”; \$50,000; other collaborating investigators include **Dale Cooney, Greg Eberhart and Dr Lisa Dolovich.** Funding matched by \$25,000; Alberta College of Pharmacists (ACP).

General Faculty News

Dr Cheryl Sadowski’s research with typeface legibility with patient information sheets (Chubaty A, Sadowski CA, Carrie A. Typeface legibility of patient information leaflets intended for community-dwelling seniors. *Age and Ageing 2009 Jul;38(4):441-7. Epub 2009 May 30*) was highlighted in the Edmonton Journal article “Health info too small to read: Most pamphlets containing health facts don't meet the CNIB's legibility guidelines, study finds”.

Drug Development and Innovation Centre (DDIC)

On June 24th **Dr Raimar Loebenberg** and **Dr Franco Pasutto** presented to the University’s Academic Planning Committee, and received final approval, for

The Deans Golf Tournament: Over 220 golfers participated in the 10th annual Dean’s Golf Tournament on June 8, 2009 at Blackhawk Golf Club in Edmonton and July 24, 2009 at the [Lynx Ridge Club](#) in Calgary. Over \$25,000 was raised between the days. The proceeds will be divided between Clinical and Pharmaceutical Science Research programs and a new Scholarship for pharmacy students recognizing the legacy of the “PGA” tournament that has existed in Calgary for the past 25 years. The faculty would like to thank all our sponsors.

the establishment of a Drug Development and Innovation Centre (DDIC). The Mission of the DDIC is to be a leader in pharmaceutical research, education and training and promote innovation and its applications in liaison with academic and other social stakeholders.

The key objectives for the DDIC include:

Knowledge creation and translation through applied education and training: DDIC will serve as a Centre for knowledge creation and training for students in the areas of pharmaceuticals and regulatory sciences. The training component of DDIC will focus on the much needed education in the area of regulatory sciences as Canada still lacks a university providing education in this area.

Research and Development of Novel drug delivery platforms: The research component of DDIC will focus on development of the novel drug dosage forms, capable of delivering more effective targeted dosages. DDIC will be a leader in the area of innovative strategies to target and effectively deliver drugs to alleviate various pathological conditions.

Advance the industry – academia interaction: The industry liaison component of DDIC will ensure creation of opportunities for students to work on real life projects related to product development and product specifications. The DDIC will house a unique GMP/GLP product development and testing facility equipped with state of the art equipment to enable dosage form development.

The DDIC aims to achieve its objectives by building on the strengths of the existing staff and infrastructure capabilities available at the Faculty of Pharmacy and Pharmaceutical Sciences.



UNIVERSITY OF WATERLOO

School News

Recruitment is underway for two new faculty positions being offered in collaboration with front line partners, to confront community-based health care issues. A position in Community Hospital Antimicrobial Stewardship has been created with two local community hospitals, Grand River and St. Mary's. A position focused on Rural Primary Care is in collaboration with the new Gateway Rural Health Research Institute, located in Seaforth, ON. Further details on both positions are available on the AFPC job postings board.

Appointments

UW has welcomed three new Adjunct Assistant Professors. These individuals make a part-time commitment to the School of Pharmacy while continuing their work in the health care sector.

Tejal Patel, PharmD, comes to us from St Michael's Hospital. Tejal is employed with the Centre for Family

Grants

Elaine Lillie and Dr. Tejal Patel, and co-investigators, have been awarded \$14,194 from the University of Waterloo's Learning Initiatives Fund for their project: *Investigating the Effectiveness of Drama as a Learning Methodology and Means of Engaging Students in the School of Pharmacy*

Dr. Andrea Edginton and co-investigators received \$13,576 from the Learning Initiatives Fund for the project: *Development of a multi-media teaching tool and activities for engaging students in Clinical Biochemistry within the blended learning course, Integrated Patient Focused Care 1 (PHARM220)*

Dr. Nancy Waite, Dr. Cynthia Richard and co-investigators have received an \$11,035 meetings, planning & dissemination grant from the Canadian Institutes of Health Research to support: *Establishing a researcher, pharmacist, dietician and educator network*

Abstracts/Presentations

Dr. Andrea Edginton gave an invited presentation entitled *No Experience, No Problem: Using Bottom-up Approaches to Guide First-in-Children Dosing* at the American Conference on Pharmacometrics, Mystic, CT, October 2009

Medicine Family Health Team in its Memory Clinic, and works on several research initiatives there. At the School of Pharmacy, she teaches neurology topics in the Integrated Patient Focused Care (IPFC) series and coordinates a new Institutional Patient Care course.

Cynthia Richard, PhD is completing her post-doc at the University of Guelph and has an interesting background as both a pharmacist and pharmacologist. Cynthia directs and delivers our Natural Health Products curriculum and will be involved in teaching in the IPFC series.

Danette Beechinor, PharmD, was previously Pharmacy Clinical Coordinator with Capital District Health in Halifax. Danette is also employed with the Centre for Family Medicine Family Health Team. For the School, she delivers primary care lectures, assists with curricular design and assessment and manages the OSCEs.

Lisa Craig presented a poster entitled *Using Self-Care to Prepare Students for the Objective Structured Clinical Exams (OSCEs)* at the Nonprescription Medicines Academy in Cincinnati, OH, September 2009

Dr. Nancy Waite, Dr. Heather Chase, and Rick Roach presented a poster entitled *Co-operative education: experiential capacity building at the University of Waterloo* at the Association of Faculties of Pharmacy in Canada Annual Meeting. Halifax, NS July 2009.

Dr. Nancy Waite, Dr Heather Chase and collaborators presented a poster entitled *A model for measuring co-op learning outcomes: a tracker, work term reports and e-portfolio* at the WACE 16th World Conference on Cooperative Education and Work Integrated Learning: An International Dialogue, Vancouver, BC June 2009 and Association of Faculties of Pharmacy in Canada Annual Meeting. Halifax, NS July 2009 (encore presentation)

Dr. Jeff Nagge and Dr. Nancy Waite presented a poster entitled *Description of an active learning continuing education program for prospective providers of oral anticoagulant services* at the 8th International Conference on Life Long Learning in Pharmacy, Helsinki, Finland, June 2009.

MEMORIAL UNIVERSITY OF NEWFOUNDLAND

Academic Appointments/Leaves

Dr. Rebecca Law is on a sabbatical leave from September 1, 2009 for one year.

Mr. Randy McFadyen has joined the School as a Pharmacy Skills Coordinator in mid-September 2009.

General School News

In March 2009 as part of the Government of Newfoundland and Labrador's initiative to strengthen health care in the province, an announcement was made that the School of Pharmacy would be expanded. It will receive \$ 1.5 million per year for the next three years to increase the intake of students from 40 to 60 per year. This is exciting news for the School and the province. Given the lack of infrastructure to accommodate the expansion, the School is now in the process of developing a request for proposals for a functional plan for new space and an operational plan for interim space so that we can proceed with the expansion. It is hoped that by September 2010 we shall begin to gradually increase the intake of students.

Faculty Accomplishments

Dr. Mohsen Daneshtalab has been invited by the University of Alberta to speak to a group of upcoming researchers on his research and has also been requested to be a consultant for graduate programs at the University of Waterloo's School of Pharmacy. Dr. Daneshtalab's recent "no hangover" Vodka alcoholic beverage patent has now reached the national level. Dr. Daneshtalab also recently hosted the 22nd International Congress of Heterocyclic Chemistry St. John's. The conference was seen as a great success. Everyone enjoyed themselves and he has received significant positive feedback from the conference attendees.

Dr. Law co-authored a paper which was presented as an oral presentation at the 2009 Annual Conference of the Canadian Society for Civil Engineering in St. John's on May 28, 2009. The entire paper was also published in the Conference Proceedings as follows: G Jin, R Law. Lifelong Learning to Advance the Engineer's Career.

Dr. Law is a coapplicant for an educational project which has received funding of about \$150,000 from the Canadian Historical Recognition Program. The project

In October, the School will be undergoing accreditation by the Canadian Council for Accreditation of Pharmacy Programs. We are confident in our program and our self-assessment report and look forward to the site visit.

Homecoming 2009: From July 31 to August 2, 2009, we invited all graduates of the School of Pharmacy to come home to celebrate "Homecoming 2009". Dr. Lisa Bishop and Mr. Jason Kielly worked tirelessly over the past year to ensure the success of the event. It recognized 20 years of graduates and we had representatives from every graduating class since the first class of graduates in 1990. There were a number of continuing education and social events, including family oriented gatherings, and we held our first annual golf tournament. We also recognized an outstanding alumnus with the awarding of the first Alumni Achievement Award. Dr. Lisa Burry, a graduate of the class of 1994 was recognized for her outstanding contributions to clinical practice, research and teaching. Dr. Burry is a Clinical Pharmacy Specialist in Critical Care and Associate Scientist in the Department of Medicine at Mount Sinai Hospital in Toronto. Congratulations Lisa!

deals with the historical Chinese experiences in Newfoundland and Labrador.

Dr. Twells provided two presentations to health care providers titled, "Is exclusive breastfeeding protective for childhood obesity in the eastern region of NL?" and "Breastfeeding and health outcomes." She also has a published abstract with L. Newhook entitled "What is the most reliable and valid index for the classification of childhood obesity?" Published in Applied Physiology, Nutrition and Metabolism 2009 vol34(2);263

Dr. Phillips has been asked by CPhA (Canadian Pharmacists' Association) to be an expert reviewer for their publications including CPS, Therapeutic Choices, and Self Care.

Dr. Kelly was interviewed for an "Ask the Experts" article on managing skin conditions in HIV for The Positive Side magazine (a publication by the Canadian AIDS Treatment Information Exchange -CATIE). She has also been invited to join the Board of Directors for the AIDS Committee of Newfoundland and Labrador (ACNL).

Contributors

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