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**PRESIDENT’S MESSAGE**

Now that another academic year has come to a close I have had the opportunity to step back from my teaching and reflect on the value of the education we provide to our students across the country.

With the emerging scope of practice we are now focused on supporting our students to be patient-centred practitioners – to apply their knowledge in a patient-centred manner to truly support their patients’ health and well-being. This requires not only knowledge, but effective communication, critical thinking and therapeutic relationship skills – a tall order but one that truly has value in society. As the country moves forward with this notion and practice begins to change, I am heartened by the commitment of our students to really make a difference in the lives of their future patients.

I am also encouraged by the response of other health care professionals. While driving home from work the other day, the “house-doctor” for CBC radio was talking about the overmedication of seniors and the impact this can have on their health. He spoke of emergency room visits by patients who had extremely low blood glucose due to an excessive dose of insulin or diabetic medications or severely low blood pressure from too high of a dose of blood pressure medication. When asked by the radio host what could be done to resolve

this problem the physician stated, without hesitation – “pharmacists”. He went on to say that pharmacists should be “quarter-backing” patients’ medication regimens as a way to ensure safety and efficacy. Not only are pharmacists educated to do this, he stated, many want to be involved with patients in this manner.

Now, I know this perspective is not new, but it was wonderful to hear it on the CBC none-the-less. And, while change is hard if we take the perspective of the patient and patient-centred care, it just makes sense. We all do what we do for the same reason – the health of society. And, as educators, we are supporting our students to be competent practitioners so that they can care for the members of our society. What a wonderful opportunity we have as educators of these students. Now, I am not saying that our job is easy – but it certainly is worthwhile.

So, fellow pharmacy educators, congratulations on another year of commitment to our students. Now that summer is here it is time to renew and refresh – and what better way to do this than by attending the Annual CPERC conference being held in Quebec City June 5-7<sup>th</sup> this year. The sessions organized around this year’s theme “Education and Research: Challenges and Opportunities” are sure to encourage great discussion. I am truly looking forward to this event. I always enjoy connecting with colleagues from across the country during this event to discuss our challenges and become energized with new ideas and collaborations! I look forward to seeing those of you who can attend there.

Sincerely,

*Ingrid Price*

AFPC President 2011-12

## EXECUTIVE DIRECTOR'S CORNER

The 1<sup>st</sup> half of 2012 has been an exciting period for AFPC and a busier than normal period.

Our governance structure is being revised in accordance with the recommendations from the ad hoc governance review committee. AFPC will be governed by a single Board of Directors and become a single voice for academic pharmacy in Canada. We are stretching our capacity to deliver new programs and services by developing and implementing a national educational program for pharmacy informatics. Also, we are broadening our reach by partnering with external stakeholders in examining new approaches to deliver experiential education in Canada. Routine activities occurring in this time frame include the awards selection process, conference planning and registrations, and financial year end audit preparations. Special activities within this time period include the revision of bylaws for the new governance model, continuation of research and initiation of educational programming for the clinicians in training project, and planning for the multi-stakeholder workshop on experiential education.

### **Executive Director Activities**

In the remainder of the first half of 2012 I will be continuing to dedicate my time to the following activities.

- *Governance review* – Several drafts of the new AFPC bylaws have been developed by our lawyer and reviewed by the ad hoc governance review committee. It is anticipated that a final set of bylaws will be available for discussion and approval at the June 6 annual general meeting (June 6). The new bylaws will reflect our new governance model and be in alignment with the new Federal legislation for not for profit organizations. The following are a few of the principles to be addressed in the new

bylaws. The Board of Directors will be made up of 5 members from the Council of Faculties and 5 members from the Council of Deans. The 10 member Board will have a Chair and Vice Chair. Association voting members will be limited to 10 Council of Faculties and 10 Council of Deans representatives. There will be 1 representative per individual faculty on the Council of Faculties and 1 representative per individual faculty on the Council of Deans. In addition to the bylaws, there will be a set of board policies.

- *Annual Financial Audit* – As in the past a full financial audit of our books occurs for 2011. Our auditors Wolrige Mahon LLP have initiated the process. Financial records were sent to the auditor and follow-up details are being provided to the auditor as the process continues. The auditor will prepare the audited financial statements for review and approval at the June 2012 AGM. For the 2012 year, we have purchased financial software (Quick Books) for improved reporting.
- *CPERC 2012* – The conference will be held June 5-7, 2012 at the Chateau Laurier Hotel in Quebec. The title for this years conference is “Education and Research – Challenges and Successes”. Registrations for the conference were slow but have picked up as the early bird deadline approached (April 30). There are only a limited number of hotel rooms still available at the Chateau Laurier and at the special conference rate. For information about the conference (including preliminary program, conference registration, accommodations) see <http://www.afpc.info/content.php?SectionID=3&ContentID=136&Language=en>.

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### **AFPC and ADPC Activities**

#### **AFPC Council**

Tannis Jurgens will be the new councilor for Dalhousie starting in June 2012. She will be replacing Mary MacCara who completed her term of office. For an updated list of AFPC councilors see the following web link:

<http://www.afpc.info/content.php?SectionID=2&ContentID=11&Language=en>.

The council annual meeting will follow the new format (May 23 web/teleconference, June 5 face to face meetings). The council is using Adobe Connect software for web conferencing. The agenda major items to be addressed include standing and ad hoc committee annual reports, a review of the new bylaws, and planning for the transition to the new governance model. In addition, a French translation of the 2010

educational outcomes document will be completed and made available to faculties.

#### ADPC (Deans)

The Deans will hold a brief interim meeting (June 6) in Quebec. The main item to be addressed will be a review of the new bylaws. The Deans' annual meeting will be held October 2 in conjunction with the FIP meeting in Amsterdam.

Both the AFPC Council and ADPC members are aware of the concerns from students about the changing labor market for pharmacists. To aid in monitoring this situation a survey was developed in consultation with CAPSI. The 2012 pharmacy student graduate employment survey was activated for use in April. Invitations were sent to the 2012 graduating students through the Deans' offices. The results from the survey will be summarized and made available to faculties. The following is the survey link <https://www.surveymonkey.com/s/KTZVRZV>.

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#### AFPC Committees

##### *Awards*

Our 2012 awards program continues to be an important AFPC activity.

In 2013, we will be establishing a new award for Excellence in Research or Innovation in Assessment of Competence. This award is co-sponsored by the Pharmacy Examining Board of Canada. Information about the award will be provided to council.

The competition was strong for all faculty and student awards with a total of 25 nominations received. Nominations were received for the following AFPC faculty awards: Sanofi Aventis New Investigator Award, Leo Pharma National Award for Excellence in Education, Pfizer Research Career Award, and Janssen Innovation in Education Award. Nominations were received for the following AFPC student awards: GlaxoSmithKline (GSK) Graduate Student Research Award, Merck Post Graduate Pharmacy Fellowship Award, and Canadian Foundation for Pharmacy (CFP) Graduate Student Award for Pharmacy Practice Research.

Congratulations to our 2012 AFPC award winners:

- SHIRIN RIZZARDO – University of British Columbia - Merck Post Graduate Pharmacy Fellowship Award
- SUZANNE CADARETTE – University of Toronto - Sanofi-Aventis New Investigator Award

- LALITHA RAMAN-WILMS – University of Toronto – Leo Pharma National Award for Excellence in Education
- SÉBASTIEN FORTIN – Université Laval - GSK Graduate Student Research Award
- MICHELINE PIQUETTE-MILLER – University of Toronto - Pfizer Research Career Award
- JASON PEREPELKIN – University of Saskatchewan - Janssen Innovation in Education Award
- MARY ELIAS - University of Toronto – CFP Graduate Student Award for Pharmacy Practice Research

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

- SAI KIRAN SHARMA – University of Alberta
- GINA CRAGG – University of British Columbia
- RANDEEP KAUR – University of Saskatchewan
- SARAH WAY – Memorial University
- SOPHIE CARTER – Université Laval
- DOUGLAS MACQUARRIE – Dalhousie University
- NILASHA BANERJEE – University of Toronto
- MARYAM VASEFI – University of Waterloo
- ARIANE LESSARD – Université de Montréal
- STEPHANIE MOROZ – University of Manitoba

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

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AFPC could not conduct the awards program without our hard working chair, Andrea Cameron from the University of Toronto, and the assistance of a group of dedicated reviewers and volunteers. Thank you to the following awards program reviewers and volunteers for their contributions (listed by faculty).

- Dalhousie – David Jakeman, Pollen Yeung, Mary MacCara
- Memorial – Erin Schwenger, Amy Conway, Terri Genge
- British Columbia – Kishor Wasan, Marion Pearson, David Fielding
- Montréal – Louise Mallet, Sylvie Marleau
- Laval – Olivier Barbier, Benoit Drolet, Julie Méthot, Chantal Guillemette, Roxanne Pouliot, Line Guénette, Thérèse Di Paolo, Chantale Simard
- Alberta – Nése Yuksel
- Manitoba – Nancy Kleiman
- Saskatchewan – Ildiko Badea, David Blackburn, Ed Krol, Linda Suveges
- Toronto – Suzanne Cadarette, Dave Dubins, Wayne Hindmarsh, Lisa McCarthy, Linda Mackeigan
- Waterloo – Michael Beazely, Nardine Nakhla, Praveen Nekkar Rao, Cynthia Richard

#### *CPERC 2013*

A recommendation for the dates and location for the 2013 AFPC Annual Conference and Meeting (CPERC) will be approved at the June AFPC annual council meeting. The 2013 CPERC meeting will be hosted by

the University of Waterloo with the conference dates being June 11-13, 2013 at Niagara on the Lake. The main setting for the conference will be the Queens Landing which is one of the Vintage Hotel group (3 other local hotels). The initial members of the local conference planning group are Colleen Maxwell, Susan Fowler, Dave Edwards, and Nancy Waite.

#### *Pharmacy Experiential Programs of Canada (PEPC)*

For an updated list of PEPC representatives see the following web link:

<http://www.afpc.info/downloads/PEPC-Contact-List-Apr2012.pdf>.

Planning for the multi-stakeholder facilitated workshop about the future capacity and quality of experiential education continues. Partial funding for this project was received from the Blueprint for pharmacy office. An external facilitator was determined for the session, Art Whetstone. Feedback was received from a number of the external stakeholders that the workshop was an important one to attend but the date was in conflict with the final day of the Canadian Pharmacists Association annual meeting. A decision was made to postpone the workshop. A new date and location will be determined (likely in October 2012). PEPC will continue with their plans to have a 1.5 day meeting in Quebec city. In addition to their normal business meeting, PEPC will review and discuss the plans for the multi-stakeholder workshop, and interact with Craig Cox, the chair of the AACCP experiential education special interest group about the lessons learned in US on pharmacy experiential education.

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#### Clinicians (Pharmacists) in Training Project

The project steering committee met March 12 where the research plan for the project was reviewed and approved. The research phase of the project was initiated. A literature search has been conducted on the themes “competencies” and “best practices” relating to pharmacy informatics. A synthesis of the articles is in progress and the key competencies for the project will be established. The key competencies will be used to guide the content for the on line educational program. We are in the process of seconding faculty members to assist in the development of the educational program. In conjunction with CAPSI, we conducted an initial survey of student’s perceptions about informatics using survey monkey. AFPC will be participating with project leads from Canada Health Infoway, Association of Faculties of Medicine of Canada, and the Canadian Association of Schools of Nursing in separate panel presentations about the project at the E Health Conference and at a Congress on Nursing Informatics. The following is a website link for a brief overview about the pharmacists in training project:

<http://www.afpc.info/content.php?SectionID=4&ContentID=165&Language=en>.

I hope to see you at the 2012 AFPC Annual conference and meeting (CPERC) in Quebec. Have a wonderful summer.

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

Rx and D

Merck

Pfizer

GlaxoSmithKline

Janssen

Sanofi-Aventis

Canadian Patient Safety Institute

Nycomed

Rexall

Servier

Teva

McKesson

Bristol Myer Squibb

Leo-Pharma



AFPC/ADPC Executive Director



## FACULTY SPOTLIGHT: **Faculté de pharmacie, Université de Montréal**

Since the last spotlight in 2009, the Faculté de pharmacie at the Université de Montréal has pursued its growth under the direction of our dean Dr. Pierre Moreau and vice-deans, Dr. Chantal Pharand (academic affairs) and Dr. Daniel Lamontagne (research and graduate studies).

### **Undergraduate Programs**

The Faculty now offers three undergraduate programs: the Pharm. D. (since 2007), the Baccalaureate in biopharmaceutical sciences (since 2009) and a program for pharmacists trained in foreign countries who wish to practice in the province of Québec (since September 2011).

#### Pharm. D. program

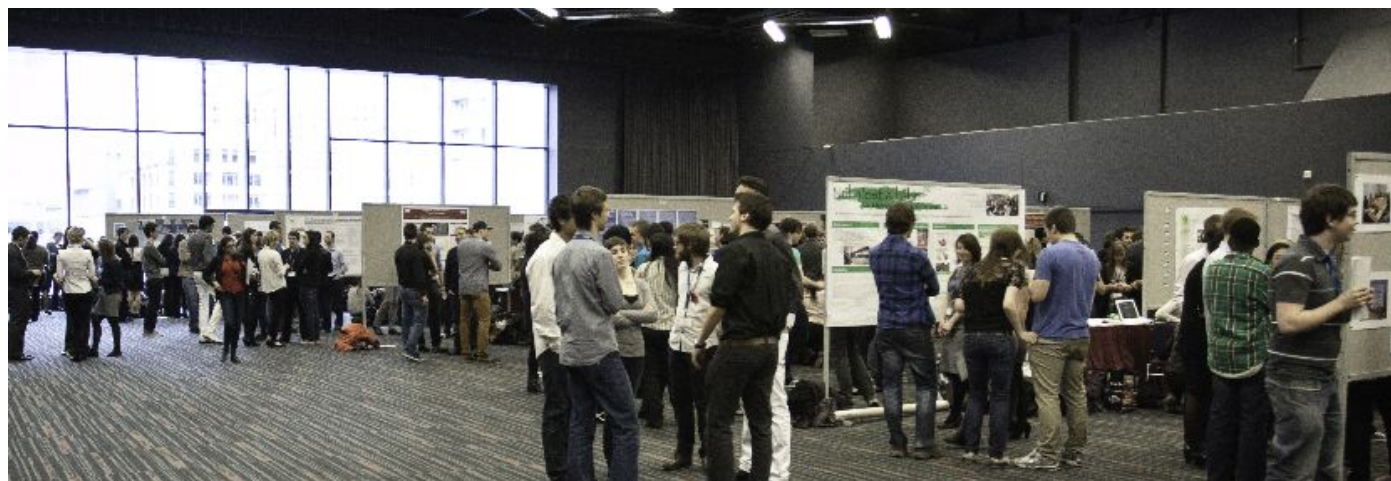
Our first cohort of Pharm. D. students completed their program in July 2011. With 200 new students per year, it is our largest program. Admissions are very selective as we received more than 2,000 applications per year.

With the graduation of its first cohort, the Pharm. D. program came under review for accreditation by CCAPP. Thus a full application was submitted. The review committee visited last October and we are confident that our program will be the first undergraduate Pharm. D. program in Canada to receive a full accreditation by CCAPP.

In its infancy, the program is still evolving. For instance, in 2011-2012, a block of 5 courses, two in 1<sup>st</sup> year, two in 2<sup>nd</sup> year and one in 3<sup>rd</sup> year, were rearranged to create a series of 1 credit multidisciplinary courses on interprofessional collaboration and an innovative course where students have to be involved in public health projects.

To that end, teams composed of 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year students were created and each team had to conceive and implement activities to improve population health. The themes selected for this year were obesity and stress. Students were very creative: videos or Web site were developed, conferences were organized, petitions were set up etc. The results were presented at a special event held on April 27<sup>th</sup> in Palais des Congrès. Each team had a poster. Six teams were also selected for oral presentations. Two of these were finalists for «Best creativity», two were finalists for «Best social impact» and two for «Best scientific rigor».

Another innovation was introduced for 1<sup>st</sup> year Pharm. D. students, as they were asked to complete their mid-term and final exams on-line. This led to a significant reduction in the volume of paper required for exams. Furthermore, because the software can be used to grade the exams, results were available to students much more quickly. The Faculty will pursue implementation to other cohorts in future years.



Teams of Pharm.D. students display their posters at the special event held on April 27<sup>th</sup> in Palais des Congrès

### Baccalaureate in biopharmaceutical sciences

The 3-year baccalaureate program in biopharmaceutical sciences graduated its first cohort in April 2012. A Faculty event held on April 27<sup>th</sup> celebrated the achievements of these 32 new graduates. The program now admits about 75 students per year.

### Program for foreign pharmacists

The program for pharmacists trained in foreign countries was developed in collaboration with the Québec licensing body, Ordre des pharmaciens du Québec. The Quebec Ministry of Immigration contributed to the funding. The program was officially launched last Fall. Attending the event to launch the

program were our Dean (Pierre Moreau), the rector of the Université de Montréal (Guy Breton), the Québec Minister of Immigration (Kathleen Weil), the President, Ordre des pharmaciens du Québec (Diane Lamarre), and a student representative (Solange Bitadi Fundufundu).

The 64-credit program seeks to give foreign pharmacists the tools and competencies required to practice in Quebec. It starts at the end of August, and spans through 16 consecutive months. Thirty two students from all parts of the world were enrolled in the program last Fall.

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### **Graduate Programs**

The Université de Montréal requires periodic evaluation of its academic programs. In 2010-2011 our graduate programs in drug development and our research programs in pharmaceutical sciences underwent a full assessment of their goals, processes and activities.

External experts committees reviewed our self-evaluation report and visited the Faculty. They were impressed by the quality of our programs. This assessment has generated a fruitful analysis on how we do things. It leads us for instance to adjust the way advising committees for Master and Ph.D. students are set up and how they operate.

Statistics show that in Fall 2011, 103 students were enrolled in our diploma in drug development, 62 in our M. Sc. in pharmaceutical sciences and 54 in our Ph.D. program.

### **Research**

To promote collaborative work and shared scientific activities by researchers working in similar fields as well as help build bridges between different fields, research carried by Faculty members has been regrouped under three main axes: 1) Medications and population health; 2) Therapeutic targets and pharmacotherapy; and 3) Drug formulation and analysis. Each professor belongs to one of these axes. Each axis receives a yearly budget from the Faculty. A director has been nominated for each axis. They are: Lucie Blais for the axis Medications and population health, Marc Servant for Therapeutic targets and pharmacotherapy and Patrice Hildgen for Drug formulation and analysis.

Our researchers make their work known through numerous publications. A recent analysis using ISI Web of knowledge identified 136 scientific publications for 2011. Our research also attracts the attention of the lay-press. Faculty's Anick Bérard was among the 10 University of Montréal professors most frequently cited in the lay-press in 2011.

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### **Appointments**

Since the last spotlight 3 new assistant professors and 3 new assistant clinical professors have been appointed.

**Dr. Véronique Michaud** is a Ph.D. graduate of our Faculty. Her thesis looked at the role of metabolism by CYP450s in the individualized response to drug treatment, under the supervision of Dr. Jacques Turgeon. She has completed postdoctoral training first with Dr. Mark Wainberg at McGill University, and

then with Dr. David Flockhart at University of Indiana. She joined the Faculty in April 2012, and she will focus on pharmacokinetics and pharmacogenomics.

**Barbara Vadnais, Anne Julie Frenette and Philippe Vincent** have been appointed assistant clinical professors. They will allocate part of their time to clinical work in one of the Université de Montréal's

affiliated hospitals and the other part to their academic functions at the Faculty. Barbara and Anne Julie are at the Faculty for 20% of their time while Philippe has a 50-50 appointment. He is a specialist in psychiatric pharmaceutical care while Barbara specializes in hematology-oncology and Anne Julie in neuro-toxicology.

**Dr. John Stagg** holds a Ph.D. in experimental medicine from McGill University. He has completed post-doctoral training at the Peter MacCallum Center in Melbourne, Australia. His research work centers on the role of immunology in cancer and response to oncologic drug therapy. He is affiliated with the Centre Hospitalier de l'Université de Montréal (CHUM) research center and co-responsible for the Chair Famille Marcel Sabourin en santé des femmes. He is a member of the axis Therapeutic targets and pharmacotherapy.



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**Dr. Jeanne Leblond Chain** obtained a Doctorate in organic chemistry from Université Pierre et Marie Curie, Paris VI. She then pursued post-doctoral training at our Faculty, under the supervision of Dr. Jean-Christophe Leroux. Her research themes are, among others, controlled-release and selective extraction of pharmaceutical substances. She is a member of the axis Drug formulation and analysis.



### Major Donations

In the last two years the Faculty was privileged to have received major donations. For instance, pharmacies Brunet/Cliniplus made a \$500,000 donation to set up continuing education courses in pharmacy management. Familiprix gave nearly \$300,000 to support our academic activities – mainly those related to public health involvement of our Pharm. D. students.

Pierre Boivin added \$200,000 to the generous contribution he has made in the past.

In recognition, the Faculty Council meeting room will be named «Salle Robert Goyer» in our honor of Robert Goyer, Faculty dean from 1994 to 2000.

One of our alumni, M. Fernand Lacombe, has decided to give a personal donation of \$100,000 to the Faculty. The Vietnamese Pharmacists Association also gave \$75,000.

The «Cercle du doyen», a group of alumni who wish to support the Faculty, is always active in raising money. Its chairman, Claude Lafontaine, has now handed over his function to Brigitte Marchand, who continues his excellent work.



UNIVERSITY OF ALBERTA

Appointments

The faculty is **very pleased** to announce the following appointments:

**Dr. Michelle Foisy** has been appointed as Director of PharmD programs effective May 1, 2012. Michelle will have overall responsibility for implementing the program while continuing to do some teaching. Michelle is currently a Clinical Associate Professor with our faculty.

**Dr Liam Rourke** joined our faculty in a joint position with the Faculty of Medicine and Dentistry, Department of Medicine. Liam received his PhD in Educational Psychology from the University of Alberta in 2005 and has since held tenure-track positions in Singapore's Learning Sciences Lab and the University of Calgary's Faculty of Nursing. Liam supports faculty members' engagement in the scholarship of teaching and discovery. He has helped clinical educators take a theory and evidence based approach to developing effective educational experiences and examining their impact.

**Jill Hall** has accepted a position 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 the London Health Sciences Centre in Ontario. She has worked as a Clinical Practice Leader for Alberta Health Services (AHS) and will be completing her PharmD from the University of Toronto this summer. She brings a wealth of clinical experience to our Faculty. Jill will join the Faculty on August, 2012.

**Bradley Mitchelmore** has accepted a position as a Clinical Assistant Professor in our faculty. 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 will be completing his PharmD from the University of Toronto this summer. Bradley will join the Faculty in August, 2012.

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Awards

**Congratulations** to the following award winners:

**Dr. Franco Pasutto** is the recipient of the peer nominated "Faculty Award of Merit". The award recognizes individuals who have made outstanding contributions to the faculty.

**Ariane Arnould** is the recipient of the peer nominated "Faculty Award of Merit". The award recognizes individuals who have made outstanding contributions to the faculty.

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

**Dr. Scot Simpson, PI:** CIHR Operating Grant for the project "Is there a dose-response relationship between glyburide and cardiovascular outcomes". Co-PI Eurich, Senthilselvan and Abdelmoneim. Term: 2 years, \$80,492 per year

**Dr. Paul Jurasz, PI:** University-wide Bridge Funding Program for September 2011 CIHR Open Operating Grant Program for the project "Characterization of Platelet Subpopulations based on the Heterogeneity of NOS Signaling: Significance for Hemostasis and Thrombosis" Term: 1 year, \$40,000

Grants

**Dr. Mike Doschak, PI:** Mitacs - Accelerate Internship Cluster for the project "Calcium Supplements, Elemental Bioavailability, and Uptake by Bone" Industrial Partner: SinoVeda Canada Inc. Term: 1 year, \$80,000.

General Faculty News

Combined MBA/BSc in Pharmacy Program has been approved. 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 in the BSc in Pharmacy program, and become graduate students for a year. Students then return to pharmacy to complete their fourth-year. Students who complete this combined program graduate with both degrees at the same time.

In the news:

Su-Ling Goh, Global Reporter for the Health Matters news segment reported on **Dr. Scot Simpson's** student pharmacists who took part in a unique exercise which has them living as if they had diabetes - a disease that many of their future patients deal with every day. The news story aired on February 9, 2012.

CBC Radio One and CBC News: Edmonton Television aired a story on March 22nd highlighting Edmonton Police Services' (EPS) robbery management advice to student pharmacists. The EPS's messages focused on explaining how to protect yourself during pharmacy robberies of oxycontin and other narcotics. The story also ran on CBC News -The National on Friday, March 23. This is the sixth time that **Dr. Harold Lopatka** has hosted this presentation in his PHARM 494 Pharmacy Management course.

### Student news

The student pharmacists' Blood Pressure Clinic drew in over 170 patients and over 90 patients took advantage of ASPA's Osteoporosis Clinic during a successful Pharmacy Awareness Week. Global TV and the Edmonton Journal also stopped by the osteoporosis clinic. The local media's coverage helped to promote Alberta's pharmacists scope of practice.

Best wishes to **Austin Ojala, Gagan Gandoke** and **Peter Lok**. This year's Health Innovation Challenge has shortlisted the fourth-year students for their submission titled *"Expanded Role for Pharmacists in Health Promotions."* The group is one of two finalists out of 154 nation-wide entries in the Health Policy category. The Health Council of Canada challenged college and university students to find innovative policies or practices in Canadian health care, explain why the innovations were working, and how they could be applied to the rest of the country. **Dr. Harold Lopatka** encouraged the students to participate in the Health Council of Canada's Innovation Challenge.

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## UNIVERSITY OF BRITISH COLUMBIA

### General Faculty News

#### Faculty launches new building website



Visit [www.building.pharmacy.ubc.ca](http://www.building.pharmacy.ubc.ca) to learn more about our new building.

A new website was launched by UBC Pharmaceutical Sciences in March 2012. Focusing on the Faculty's new building, [building.pharmacy.ubc.ca](http://building.pharmacy.ubc.ca) is dedicated to promoting the award-winning facility prior to its official opening this fall.

#### A Gift of \$100,000 names the McKesson Canada Seminar Room

A gift of \$100,000 will name the McKesson Canada Seminar Room in the new Pharmacy building. It is one of 15 Problem-Based Learning Seminar Rooms on the third floor available for donor naming, 7 of which have been named to date - by Pharmasave Drug (Pacific) Ltd., Satnam Singh Lalli (BScPharm'80), James W.C. Toy (BScPharm'61), Moiz Lalani (IPG), Stephen Purcell (BScPharm'78), and the alumni group of Alex Tam (BScPharm'78), Ken Chiu (BScPharm'78), Paul Fu (BScPharm'78) and Benjamin Fu (BScPharm'79).

#### Another successful Pharmacist Awareness Week (PAW)

Through a joint effort of the Canadian Association of Pharmacy Students and Interns (CAPSI) and the Faculty's Entry-to-Practice students, PAW events at UBC included a noon-hour health fair every day from March 5-9 in the Student Union Building, a presentation by a panel of alumni on non-traditional pharmacy careers, an interprofessional event for students from a variety of health and human service programs at UBC, interview and resume workshops for pharmacy students, an information session for prospective pharmacy students, and more.

## Enhancing the quality and impact of teaching

A “Mogul’s Den” format for group presentations in PHAR 400 – Pharmacy Management is now entering its second year. Small teams of students develop business cases for an innovative patient care service that could be provided in a pharmacy. Final projects are evaluated by a panel of pharmacy business leaders on the basis of financial soundness and potential sustainability of the clinical service proposed. In three cases, teams were subsequently approached by the business leaders to explore actual implementation of the proposals. This new assignment has the potential to not only encourage creativity and entrepreneurship among all graduate students, but also to have a positive impact on patients and the practices where the proposed services are actually implemented.



First place March 2012 Mogul’s Den team with Dr. Alan Low (right).

## UBC Faculty of Pharmaceutical Sciences featured in IPJ

Dr. Kishor Wasan, the Faculty, and the Neglected Global Diseases Initiative (NGDI-UBC) were featured in an article in the *International Pharmacy Journal* (IPJ). Titled “Looking outward and forward: Fighting neglected

## Student News

### Summer Student Research Program (SSRP)

For the summer of 2012, 18 SSRP students have been placed with 11 different research supervisors. The students will work on a research project over 12 weeks and present their findings at the annual SSRP poster competition during the first week of September. The first and second place winners from 2011, Muffadal Shamshuddin (supervisor: Peter Soja) and Gina Cragg (supervisors: Ron Reid and Wayne Riggs), will each represent the Faculty at national conferences this summer. Muffadal will attend the Canadian Society for Pharmaceutical Sciences (CSPS) Annual Meeting in Toronto and Gina will attend the Association of Faculties

disease with pharmaceutical sciences,” the article can be read by visiting <http://www.fip.org/ipj2011vol2/#/44>.

## Experts speak at Faculty event on personalized medicine

More than 100 people attended the Faculty of Pharmaceutical Sciences' Celebrate Research Week event on March 5, 2012. Titled "Systems Health: Taking personalized medicine beyond the genome," the afternoon seminar featured talks from three distinguished panelists. Dr. Nessa Carey, a member of the External Research and Development organization at Pfizer, presented on epigenetics. Dr. Karen Nelson, director of the Rockville, Maryland campus of the J. Craig Venter Institute, spoke about recent scientific findings from human microbiome research. The third lecture was presented by Dr. Ben van Ommen, principal scientist at TNO, an applied scientific research organization located in the Netherlands. In his talk, Ommen addressed phenotypic flexibility in type 2 diabetes.



Dr. Karen Nelson speaks on the topic of human microbiome research.

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of Pharmacy of Canada (AFPC) Annual Conference in Quebec City.

## Pharmacy student to attend Science Forum in Korea

Jenny Hanbi Kim, a graduate student from the Faculty of Pharmaceutical Sciences, has been selected to attend the 2012 Young Generation Forum (YGF) in Korea. Sponsored by the Korean Federation of Science and Technology Societies, this international forum draws 80 university science and engineering students from all over the world to exchange knowledge, network, and participate in five days of workshops. Jenny is one of 12 students from Canadian universities selected to participate in this year’s forum.

## **Publications Update**

To view a complete list visit:

<http://www.pharmacy.ubc.ca/aboutus/publications>.

Aikawa N, Okubo Y, Lynn M, Rossignol DP, Wong YN, Schuck E, Kitahara Y, Nakano T, Sivak O, Wasan KM, Nagy C, Yen M. Safety, pharmacokinetics and pharmacodynamics of four-hour intravenous infusions of eritoran in healthy Japanese and Caucasian men. *Innate Immun.* 2012 Mar 29.

Low A (Pro), McCormack J (Con). Point counterpoint - Should all elderly women receive bisphosphonates to prevent osteoporotic fractures? *CJHP* 2012; 65(1):45-48.

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## **Recent Awards and Honours**

To view a complete list visit:

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

### **B.C. pharmacist immunization initiative wins award**

The Pharmacists and Immunization Working Group (PIWG) is the winner of the Third Annual BC Quality Awards under the category of Staying Healthy. PIWG members include Drs. Fawziah Marra and Glenda MacDonald of the Faculty of Pharmaceutical Sciences at UBC as well as representatives from the Ministry of Health, BC Pharmacy Association, College of Pharmacists of BC, BC Centre for Disease Control, and other regional health authorities.

**Dr. Peter Zed** - appointed to the Non-Insured Health Benefits (NIHB) Drugs and Therapeutics Advisory Committee (DTAC) for Health Canada.

**Dr. Brian Rodrigues** - invited to serve for a three year term (2012-2015) on the CIHR Diabetes, Obesity and Lipoprotein grant review panel.

**Dr. Arun Verma** - recognized by the AMS Student Society of UBC for outstanding contributions to students, and invited to attend the AMS 2012 Just Desserts Awards ceremony.

**Dr. Aik Jiang Lau** - received the Emil A. Pfizter Award for her poster presentation at the 51st Annual Meeting of the Society of Toxicology, San Francisco, March 11-15, 2012.

**Devinder Sharma, Leon Wan, Jayakumar Surendraddoss, Ying Wang** - winners of the Graduate Student Travel Award in Pharmaceutical Sciences (\$500. Awarded by the Faculty of Graduate Studies).

**Tim Chow, Hesham Soliman, Adam Raymakers, Dahai Zhang, Claudio Erratico, Sajad War** - winners of the Office of the Associate Dean, Research and Graduate Studies Travel Award (\$500. Awarded by the Faculty of Pharmaceutical Sciences).



## DALHOUSIE UNIVERSITY

### **In Memoriam**

Robert S. Tonks, director of the College of Pharmacy (1973-1977) and dean of the Faculty of Health Professions (1977-1988) passed away April 17, 2012 in Ajax, Ontario. While Dr. Tonks was director, the College worked towards developing a patient-oriented curriculum and the first faculty members with clinical degrees were hired. He also spearheaded a successful proposal for a PhD program in the pharmaceutical sciences. Sympathy is extended to his wife, Diana, four children, many grandchildren and great grandchild.

### **Retirement**

We wish **Pat Farmer** well as he leaves the College of Pharmacy after 44 years of dedicated service as a faculty member and also a post-retirement position. Pat has made many valued contributions including teaching pharmacy students medicinal chemistry, assisting with the development of the problem-based learning curriculum, researching in the areas of drug design and structure activity relationships, being the College's first webmaster, serving as acting director in 1988-89 and most recently as PBL coordinator of third-year classes. We will miss you, Pat!

### **Individual Faculty News**

Congratulations to **David Gardner** who has been named Pharmacist of the Year for 2012 by the Canadian Pharmacists Association.

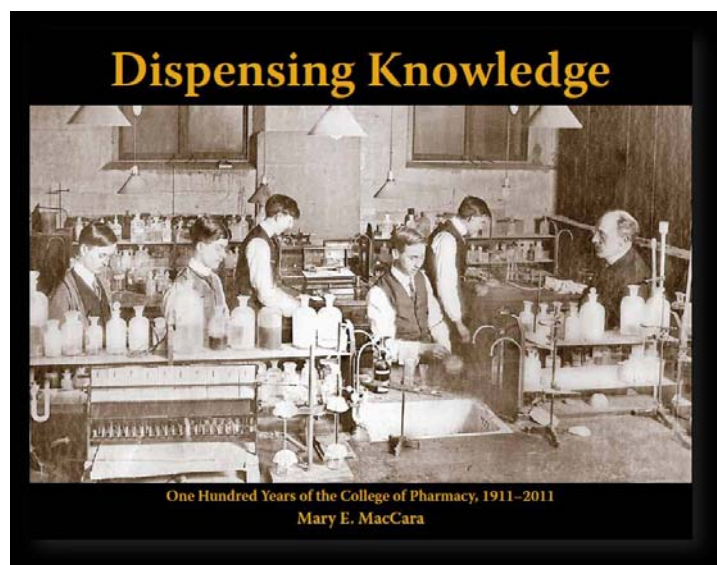
This past fall, **Harriet Davies**, Coordinator of Clinical Education, completed a Master of Education (Curriculum Studies) from Acadia University, Faculty of Professional Studies. She was part of the Dalhousie Interprofessional Cohort organized by the Dalhousie University Division of Medical Education in collaboration with Acadia University. The class was made up of health professional educators from pharmacy, medicine, dentistry and dental hygiene.

**Anne Marie Whelan** was elected vice-president of the Board of the Pharmacy Examining Board of Canada.

Dr. Sara Bowen from the University of Alberta recently participated in a presentation with Dalhousie Researchers **Ingrid Sketris** and Ethel Langille Ingram to share her results of a qualitative study as part of an evaluation of the Drug Use Management and Policy Residency Program "An evaluation of community-engaged scholarship and graduate student service-learning: An example from Nova Scotia".

### **Dispensing Knowledge**

**Dr. Mary MacCara** has published a book on the history of the College of Pharmacy, *Dispensing Knowledge*. It was written to help celebrate the 100<sup>th</sup> anniversary milestone of the College. The story starts just prior to the College's establishment as the Nova Scotia College of Pharmacy. It continues through the College's years as the Maritime College of Pharmacy and to current time as the College of Pharmacy, Faculty of Health Professions, Dalhousie University. There are ten chapters, with a chapter devoted to the timeframe of each of the three Deans of the Maritime College of Pharmacy and the five Directors of the Dalhousie College of Pharmacy. College programs and coursework, research, continuing education and student involvements are all highlighted. Personal reflections about the time of their leadership at the College, written by Directors Gordon Duff, David Yung, Frank Chandler and Rita Caldwell are included, as are memories written by over ninety graduates and faculty members. It's a very attractive book with over 150 photographs. We are very excited to now have our own College history book! Check our website for information on how you can order a copy (<http://pharmacy.dal.ca/>).





### Awards and Grants

Congratulations to **Anne Marie Whelan** who was awarded the Patient Care Enhancement Award by the Canadian Society of Hospital Pharmacists, in February 2012, for the project: "Evaluating the Role of Pharmacist Teachers in Family Medicine Residency Training Programs: A Qualitative Analysis" (co-recipients: Dr. Derek Jorgenson, Dr. Andries Muller).

**David Jakeman** and five co-applicants received an NSERC RTI equipment grant titled: "A SmartPROBE for NMR Studies."

**Anne Marie Whelan** and **Tannis Jurgens** were awarded a research grant by the Dalhousie Pharmacy Endowment Fund for the project: "Responding to pharmacists' needs for education on the safety and efficacy of bioidentical hormones: translating knowledge into practice."

### Student News

Dalhousie pharmacy students hosted a very successful PDW for CAPSI members this past January in Halifax. The theme of the four day pharmacy student led conference was "Oceans of Opportunity." Over 530 pharmacy students from across Canada attended the conference. Fourth-year student Joanne McNair chaired the organizing committee and Harriet Davies and Jennifer Isenor were faculty advisors.

### The Canadian Network for Observational Drug Effect Studies (CNODES) Launched

In October, 2011, the Government of Canada officially launched The Canadian Network for Observational Drug

Effect Studies (CNODES) with \$17.5 million over five years. CNODES is funded by the Canadian Institutes of Health Research (CIHR), and is a Drug Safety and Effectiveness Network (DSEN) Initiative (<http://www.cihr-irsc.gc.ca/e/44479.html>).

The major objective of CNODES is to provide information to improve Canada's post-market drug safety and effectiveness system through a collaborative effort involving the use of administrative health databases across Canada. Additionally, the project will help develop research capacity with training and research opportunities, and develop strategies for research communication and use by physicians and patients.

The Nominated Principal Investigator, Dr. S. Suissa of the Montreal Jewish General Hospital is heading a network of over 60 researchers at multiple sites across Canada, including pharmacoepidemiologists, biostatisticians and clinicians. Pharmacists and pharmacist faculty involved in CNODES include: Suzanne Taylor (University of British Columbia), Lauren Bresee (University of Calgary), David Blackburn (University of Saskatchewan), Shawn Bugden, Lavern Vercaigne, Collette Raymond, Colleen Metge, Silvia Alessi-Severini (University of Manitoba), Lisa Dolovich (McMaster University and University of Toronto), Suzanne Cadarette, Cynthia Jackevicius, Muhammad Mamdani (University of Toronto), Linda Levesque (Queen's University), David Juurlink (Sunnybrook Health Sciences Centre), Lucie Blais, Yola Moride (University of Montreal), **Ingrid Sketris**, Charmaine Cooke, Barbara Hill-Taylor (Dalhousie University).

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### Dalhousie's Clinical Psychopharmacology Teaching in China

**Dr. David Gardner**, Professor with the Department of Psychiatry and College of Pharmacy, Dr. Stan Kutcher, Sun Life Financial Chair in Adolescent Mental Health and Ms. Yifeng Wei, research associate with the Sun Life Financial Chair in Adolescent Mental Health and PhD candidate were invited by the Mental Health Institute of Peking University in Beijing, China, to conduct the first ever Child and Adolescent Clinical Psychopharmacology training program.

The institute is an integrated centre for teaching, research, and psychiatric services and is a WHO Collaborating Centre for research and training in Mental Health.

The training conference was chaired by Dr. Liu Jing and co-chaired by Dr. Wang Yufeng. Both Liu and Wang are

child and adolescent psychiatrists and researchers in Pervasive Developmental Disorders and Attention Deficit Hyperactivity Disorder. In addition, the hosts provided their guests with a number of excellent translators who were junior faculty members both PhD and MD.

The four day conference covered several clinical topics: pharmacotherapy of schizophrenia, bipolar disorder, depression, anxiety, sleep problems, ADHD, autism, aggression, delirium, and tic disorders. General concepts and foundational skills were given priority in presentations and discussions covering therapeutic framework of prescribing psychotropic medicines in children and youth, social issues in child and youth psychopharmacology, pharmacodynamics and pharmacokinetics, evidence-based practice and critical appraisal skill development.

The focus of rational pharmacotherapy recurred throughout the program and was especially emphasized when treating treatment resistant and complex cases.

A number of local clinicians and researchers shared in the conduct of workshops, for the more than 80 participants in the training program that were from all parts of China. The participants were comprised of child and adolescent psychiatrists, general psychiatrists and pediatricians. The program focused on practical orientation with direct impacts on patient care.

The 4 day program received resounding feedback, which included, "I can't imagine that science can be this interesting," "you turned science into an art show", and "I am eager to share this knowledge and abilities with my local mental health physicians and clinicians."

The subspecialty field of child and adolescent psychiatry has not been formalized to date in China. The Ministry of

## L'UNIVERSITÉ LAVAL

### Individual Faculty News

The neuropharmacology research program led by **Dr. Thérèse Di Paolo** was recently funded by a \$45,000 NSERC discovery grant entitled «Effect of membrane fluidity on brain receptors and transporters » until 2016.

**Dr. Jean-Pierre Grégoire** received the title of "Fellow" of the Canadian Academy of Health Sciences. He is one of 45 Canadian researchers who have received this honor from CAHS in 2011. This award recognizes outstanding achievement in Health sciences. Congratulation to Jean-Pierre!

Just arrived at the faculty, **Dr. Line Guénette** is now already supported by a multi-team CIHR research grant entitled "Pharmaceutical Sales Representatives and Patient Safety: exploration of physician experiences in three countries and implications for regulatory policy".

The Louis-Philippe Demers and the Alfred-Émile Francoeur awards were handed to **Madame Céline Brunelle** and **Dr. Paul Poirier**, respectively, to recognize their excellence in teaching. These prizes are awarded following the results of a poll of 4th year students.

### Student News

During the professional development week that brought together students from all faculties of Pharmacy in Canada, Isabelle Gagnon ranked 4th in the literary competition. Participants also highlighted the performance of Lysanne Villemure who received the

Health of China and conference organizers indicated a great interest and willingness to begin this process and extended an invitation to the representatives from Dalhousie's Department of Psychiatry.



Photo: Dr. Gardner, Dr. Kutcher, Dr. Guo (translator), Dr. Liu Jing, Dr. Wang Yufeng, Ms. Yifeng Wei

award in honor of Guy Genest in November 2011, awarded to a student having distinguished himself by his interest in academic and professional activities, throughout his studies.

Isabelle Laverdière, a PhD student in the laboratory of Dr. Chantal Guillemette, received a CIHR Doctoral Research Awards on a project entitled "Optimisation du traitement immunosuppresseur en transplantation de cellules souches hématopoïétiques chez les patients cancéreux" for a total amount of \$105,000.

Meryem Lebbadi, a PhD student directed by Dr. Frederic Calon, received a \$21,000 studentship to pursue her training program on the impact of nutraceuticals in animal models of Alzheimer's disease.

On our 12th annual Research Day, awards for the best oral or poster presentation for PhD students were given to Nicolas Morin, Vincent Ménard, Wael Alata and Marjorie Bastien. Best MSc presenters were Sarah-Maude Caron-Cantin and Marie-Pier Thibeault for regular MSc; as well as Pierre Lemieux, Jean-Philippe Boucher, Olivier Besner-Morin, Jean-François Tessier, Stéphanie Archambault-Gingras and Mélissa Beaulieu for hospital pharmacy MSc. The best poster by a summer student was presented by Simon Vézina-Dawod. Finally, the student chosen to represent the faculty at the AFPC meeting is Sophie Carter. We thank Pfizer, our loyal financial partner, without whom this day would not be possible.

## Events

April 21, our Faculty organized the “Soirée des vins à l’honneur”, a fundraising event to support local teaching and research activities.

## Upcoming events

Annual meeting with donors - May 24  
Presentation day for hospital pharmacy trainees - May 25  
Golf Tournament - June 4  
AFPC/CPERC annual meeting - June 5 to 8 - Chateau Laurier Hotel - Quebec

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## UNIVERSITY OF MANITOBA

### Faculty News

#### **Grants**

**Dr. Neal Davies** was awarded \$50,000 from Pharma-Chemie (in collaboration with Washington State University) for his research grant entitled “In vitro and in vivo Characterization of Phycox in Dogs with Naturally Occurring Osteoarthritis.”

**Dr. Songyan Liu** who is an adjunct professor in the Faculty of Pharmacy was awarded \$20,000 from Manitoba Medical Service Foundation for his research grant entitled “Fetal alcohol spectrum disorder: gene-environment interaction, predictive markers, and the

relationship between structural alternations in the brain and functional outcomes.”

### Education Corner

An Interprofessional Education (IPE) event was held on March 15, 2012 at the Faculty of Pharmacy. There were approximately 500 students involved from the faculties of Pharmacy, Medicine and Nursing. The student groups talked about determinates of health. These events will be on-going; the next in October (with different health disciplines), and then another in March 2013 where Pharmacy will be involved again.

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## MEMORIAL UNIVERSITY OF NEWFOUNDLAND

### School News

#### **Proclamation Signed for Pharmacist Awareness Week (PAW)**

On March 1st more than 100 people, including the NL Minister of Health and Community Services, Susan Sullivan, and NL NDP Leader, Lorraine Michael, gathered at the School of Pharmacy for the official signing of the Pharmacist Awareness Week Proclamation. Travis Simms, CAPSI Junior Representative and Coordinator of this year’s PAW initiatives at the School, provided details on upcoming PAW events. Dr. Linda Hensman, Dean of the School of Pharmacy, spoke of the changing role of the pharmacist, she said, “Enhancing the scope of practice for pharmacists is a natural evolution of services, and it comes at a period when the fiscal realities created by generic drug reform require its timely introduction.” Dr. Hensman informed that the School of Pharmacy monitors these changes closely, in order to ensure that pharmacy students are graduating with skills that will allow them to meet not only the current but also the future health care needs of their patients.

Minister Susan Sullivan expressed that the Provincial Government recognizes the contribution that the profession makes to the health care system, communities and all residents of NL and that they are committed to working together to ensure that they understand the challenges and the future opportunities pharmacists see for the profession. She also noted pharmacists as being an integral component of the health care system and that their expertise and direct involvement with patients significantly contributes to the quality of patient care and patient health outcomes.

#### **Hav’in a time: MUN Reunion 2012**

##### *School of Pharmacy events:*

Wine & Cheese Open House on Wednesday, August 8<sup>th</sup> in the Professional Practice Lab, School of Pharmacy.

School of Pharmacy Silver Anniversary Golf Tournament to raise funds for pharmacy student scholarship on Thursday, August 9<sup>th</sup> at Bally Haly Country Club, St. John’s.

[http://reunion.mun.ca/reunion\\_2012/](http://reunion.mun.ca/reunion_2012/)

### Individual Faculty News

**Dr. Mohsen Daneshtalab** has been invited and has accepted to Chair the session of Drug Discovery presentation (as well as giving a talk) at the 2<sup>nd</sup> Annual International Symposia of Mycology (ISM-2012) to be held in Guangzhou, China July 30 – August 1, 2012.

**Dr. Debbie Kelly** presented two posters entitled “Going Viral: Keeping HIV/AIDS on the Radar” and “SWAP in Rural Areas: Contributing to Lower HIV Rates by providing Safe Injection Equipment and Supplies” at the Canadian Association of HIV Research conference.

**Dr. Debbie Kelly** was conference co-chair and a presenter at “You and your patient: Beyond HIV” for first-line healthcare professionals on March 31<sup>st</sup> in St. John’s, NL. The School of Pharmacy was a co-host (with Eastern Health and the AIDS Committee of NL). Over 100 health professionals and students attended.

**Dr. Rebecca Law** presented a talk entitled “Evaluation Instruments for Interprofessional Education and Collaborative Practice” for the Primary Health Care Research Unit, Faculty of Medicine, Memorial University on Feb. 8, 2012.

**Dr. Laurie Twells**, Dr. Leigh Anne Newhook and Valerie Ludlow will be giving a one day workshop entitled “Understanding Infant Feeding Decisions and Effective Positive Change: One Step at a Time” at the 2012 Conference of the International Lactation Consultant Association in Orlando, Florida in July.

### Student News

Julie Warren, **Dr. Noriko Daneshtalab**’s honor’s student, submitted her Honors Thesis entitled: Changes in actin polymerization in cerebral vascular smooth muscle during hemorrhagic stroke development in SHRsp.

Emily Shea, **Dr. John Weber**’s graduate student in Medicine, has successfully completed and submitted her Honors thesis (Biochemistry) on March 23<sup>rd</sup>.

### SOP Research Poster Competition Winners

We are pleased to announce the winners of the 2012 Annual School of Pharmacy Research Poster Competition that was held on February 15. There were five undergraduate and two graduate posters presented in this competition. The presentations were judged by

### New staff

**Colleen MacKenzie** is our new Intermediate Clerk Stenographer. She has been with Memorial University in varying departments since 1993.

**Ann Marie O’Keefe-Penney** is our new Senior Administrative Officer. She holds a B.A. in Psychology, a B.Ed. (Secondary), a diploma in Adult Teacher Education and a M.B.A., all from Memorial University. Ann Marie brings 22 years of experience in education, student services, administration and human resources. She started her career as teacher in the secondary system before moving to the post-secondary system (provincial college), where she spent four years in student services. She was director of programs at a private training college (2 years) before becoming a program developer with Lifelong Learning at Memorial. In 2005 she moved to Human Resources as learning and development officer, and was also operations manager and manager of strategic initiatives with Professional Development and Conferencing Services, Faculty of Medicine (3 years).

**Dave Penney** is our new Communications Coordinator. Dave has over 10 years of experience in marketing and communications. The majority of that time was spent in related roles in the provincial public sector for both the Multi-Materials Stewardship Board (MMSB) and The Rooms. He began working for Memorial University in 2009 and since then has worked for the Office of Alumni Affairs and Development in the roles of marketing coordinator and communications coordinator. He holds a B.A. and a B.Ed. (Memorial) and a M.A. in communication and culture (Ryerson and York University).

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three independent judges who reported their rankings separately. The winners are:

- Stephanie Hewitt (class of 2014) - CSPA 2012 National Summer Student Research Program Award Sponsored by GlaxoSmithKline Inc. for “Analyzing the potential neuroprotective effects of antioxidants.”
- Sarah Way (class of 2012) - AFPC-Pharmacy Student Research Poster Award for “Home visits – Optimizing Medical Care in the Elderly (HOME Study): A pilot study on the effects of an inter-professional primary care program on emergency room visits and hospital admissions in the frail elderly: Phase 1.”
- Catherine Orr (class of 2013) - the School of Pharmacy Undergraduate Research Poster Award for “The effect of repeated exposure to vaporized ethanol on long-term motor coordination.”



### Students Bringing Awareness during Pharmacy Awareness Week (PAW)

This year's theme for PAW was "Your Pharmacist – Your Partner in Health". The students organized and ran the following events:

Compounding of Lip Balm. For 26 Brownies and one Brownies leader (March 4); and for a group of Pathfinders and one Pathfinder leader (March 8), in the School's Professional Practice Lab (PPL).

High school presentation on "The future of pharmacy, what your pharmacist can do for you, and getting ready for a career in pharmacy." This presentation was given four times: remotely via the Center of Distance Learning and Innovation (CDLI) to students of junior and high schools across the province (March 6 AM); at Prince of Wales Collegiate high school in St. John's (March 6 PM and twice on March 9).

A demonstration on proper hand washing techniques using Operation Wash-up. To the Brownies in the PPL (March 4) and to 180 students of the Mary Queen of the World Elementary School (March 8). Students were educated on proper hand washing techniques using glow in the dark gel and a black light, to show

how tough germs are for kids to wash away under nails and in the crevices of hands. The kids had a great time.

A presentation on "Proper Stretching and Keeping an Active Mind". To senior citizens at Hill Crest Estates. (March 8).

This year's PAW was a huge success and will certainly set the standard for many years to come.



Pharmacy student Hussain Haj-Khalil helps some Brownies learn how to compound lip balm

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### Publications

Shaker MA, **Daneshtalab N**, Doré JJE, Younes HM. (2012) Biocompatibility and biodegradability of implantable drug delivery matrices based on novel poly (decane-co-tricarallylate) photocured elastomers. *Journal of Bioactive and Compatible Polymers*. Jan 27: 78-94.

Tseng A, Foisy M, Hughes C, **Kelly D**, Chan S, Dayneka N, et al. (2012) Role of the Pharmacist in Caring for Patients with HIV/AIDS: Clinical Practice Guidelines. *Canadian Journal of Hospital Pharmacy* 65(2):125-144.

**Twells L**, Newhook LA and Ludlow V (2012). Can Breastfeeding Reduce the Risk of Childhood Obesity? In *Childhood Obesity*, Dr. Sevil Ari Yuca (Ed.), ISBN: 978-953-51-0374-5, InTech, Available from: [http://www.intechopen.com/books/childhood-obesity/does-breastfeeding-reduce-the-risk-of-childhood-obesity-](http://www.intechopen.com/books/childhood-obesity/does-breastfeeding-reduce-the-risk-of-childhood-obesity)

**Weber JT**, Lamont M, Chibrikova L, Vlug AS, Fekkes, D, Lorenz P, Kreutzmann P and Slemmer JE. (2012) Potential protective effects of oxyresveratrol against traumatic injury. *European Journal of Pharmacology*. 680:55-62.

Lamont M and **Weber JT**. (2012) The role of calcium in synaptic plasticity and motor learning in the cerebellar cortex. *Neuroscience and Biobehavioral Reviews*. 36(4):1153-1162.

**Weber JT**. (2012) Current understanding and experimental approaches to the study of repetitive brain injury. [invited review]. In *Brain Injury/ Pathogenesis, Monitoring, Recovery and Management*, edited by Amit Agrawal (InTech-open access publisher), ISBN 978-953-51-0265-6

### Grants

**Dr. Laurie Twells** has received funding from the Healthcare Foundation for "Patient-Reported Outcomes and Definitions of Success 12 months post bariatric surgery". Applicants Gregory D, Twells LK.



## UNIVERSITY OF SASKATCHEWAN

### Faculty and Staff News

**Dr. Charity Evans** will be joining the College on July 1, 2012 as an Assistant Professor in the Division of Pharmacy. Charity received her Bachelor of Science in Pharmacy in 2003 and completed her PhD with Dr. David Blackburn in 2010. Charity has worked as a primary care pharmacist in a rural setting and has recently completed a post-doctoral fellow at the Department of Neurology, Faculty of Medicine at the University of British Columbia.

**Susan Winfield O'Hara** joined the College in April as the Major Gift Officer, a shared position with the College of Dentistry. Susan holds a BA and LLB from Dalhousie University and will be focusing on the College's fundraising activities.

**Dr. Gord McKay**, Professor Emeritus of Pharmacy, has been appointed Special Advisory to Dr. Karen

Chad, U of S Vice-President Research, for the year ahead.

**Dr. Lorne Davis**, Drug Review Pharmacologist with the Saskatchewan Drug Plan, has had his office re-located to the College.

**Dr. Dennis Gorecki** will be retiring from the University as of July 1, 2012. Dennis obtained his Bachelor of Science in Pharmacy degree in 1969 and subsequently graduated with a PhD in Medicinal Chemistry in 1973 from the U of S. He joined the faculty of pharmacy in 1982 as Associate Professor and served as dean from 1999-2009.

**Beryl McCullough**, Graduate Programs Secretary, will also be retiring from the University as of July 1, 2012. She has been with the College since 1988 when she transferred from the former College of Home Economics.

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### Grants and Research

The College had another successful year at the U of S 19<sup>th</sup> Annual Life and Health Sciences Research Day. There were 20 poster submissions from undergraduate and graduate students, and 9 of our students received awards.

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

- **Dr. Ildiko Badea**, Golden Suppository Golf Classic Research Grant  
Project title: *Design and Evaluation of Cyclodextrin-Based Delivery Systems for Curcumin Analogs as Potential Topical Treatment of Melanoma*
- **Dr. Roy Dobson**, United Pharmacists' Grant for Pharmacy Practice Research  
Project title: *Experiences with Prescriptive Authority among Community Pharmacists in Saskatchewan*

- **Dr. Gord Zello**, College Research Trust Grant  
Project title: *Inflammatory Bowel Disease in a Newly Diagnosed Cohort*
- **Dr. Adil Nazarali**, College Research Trust Grant  
Project titles: *Role of Sirt2 on Myelin Protein and Myelination by Oligodendrocytes in Vivo/Hoxa2 Gene as a Biomarker of Anticonvulsant Drug-Induced Teratogenicity*
- **Drs. Jane Alcorn and Ed Krol**, Apotex Pharmacy Research Grant  
Project title: *The Flaxseed Lignan Metabolite, Enterolactone, Mediates Selective Cytotoxicity of Breast and Prostate Cancer Cells via Inhibition of Fatty Acid Synthase*
- **Dr. Susan Whiting**, Isabel Irwin Trust Fund
- **Dr. Shawna Berenbaum**, Isabel Irwin Trust Fund

## Undergraduate News

Our students organized a number of successful educational events in March to celebrate Pharmacy Awareness Week and Nutrition Month. The College hosted its annual Nutrition Year 3 Celebration and Send-off on March 30. This event is held each year to mark the completion of the didactic component of the nutrition program. Our nutrition students spend their fourth year in internships with the Saskatoon Health Region or Regina Qu'Appelle Health Region and which also involve occasional short-term placements throughout Saskatchewan and beyond.

The College is undertaking a survey of pharmacy preceptors to gather input on the Structured Practice Experiences component of the BSP. Town hall meetings were recently conducted to obtain feedback on our programs from year 2 pharmacy and year 3 nutrition students. A major survey of graduates of last year's class as well as graduates 2 and 5 years out of their programs has taken place as well. The results of these initiatives, as well as recommendations from CCAPP accreditation review, which are expected this June, and our curricular committees, are guiding a Program Evaluation process to ensure our undergraduate programs are of the highest quality.

The Pharmsave-Rubicon Annual Innovation in Pharmacy Student Business Plan Competition returned for its second year. The 2012 Competition was held

Thursday March 29<sup>th</sup> in Convocation Hall on the University of Saskatchewan campus in Saskatoon. The winners of this year's competition are Brayden Leclair, Marc Legge, Ty Little, James Nataraj, Kellie Towriss and Kyle Wray for their three-year pilot program which is an integrative approach to treating, managing and preventing infectious diseases.

## Development and Alumni News

The College has established a named gift to provide financial support to students in practice experiences/internship. The Bill and Sharon Wilson Experience Practice Fund will be available to our students in the 2012-2013 academic year. The College is preparing for its 27<sup>th</sup> Annual Golden Suppository Golf Classic on June 21, which has raised over \$1 million dollars for the College's Research Trust Fund. Alumni receptions will be held at the PAS/SCP Annual Conference in Saskatoon in April 2012, Canadian Pharmacists Association Conference in Whistler in June 2012, and the Dietitians of Canada Conference in Toronto in June 2012. Former Dean Dr. Dennis Goreki and Mr. Garry King are co-chairing the College's Centennial Organizing Committee, with Drs. Jim Blackburn, Bruce Schnell and David Hill as Honourary Chairs and a host of faculty, staff, students and alumni volunteers. We will look forward to bringing you updates on the exciting events and fundraising initiatives that are being planned for 2013-14 to celebrate 100 years!

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## UNIVERSITY OF TORONTO

### Appointments

The Divisions of Pharmacy Practice and Biomolecular Sciences recently named new Directors. Dr. **Beth Sproule** was appointed Director, Division of Pharmacy Practice, while Dr. **Rob MacGregor** was appointed Director, Division of Biomolecular Sciences. In these roles, Dr. Sproule and Dr. Macgregor will develop and execute strategic plans, advocate for their divisions, promote research opportunities, create budget requests, ensure equitable distribution of teaching assignments, and contribute to Faculty policy and direction, among many other responsibilities.

Dr. **Laura Murphy** has joined the Faculty as the Course Coordinator of PHM 321 (Pharmaceutical Care II) for the 2012-13 academic year. In addition to this teaching role, Dr. Murphy has also accepted the position of Pharmacy Clinical Site Leader Team 1 at the Peter Munk Cardiac Centre & Family Health Team at

the University Health Network. Dr. Murphy is a graduate of the Faculty's PharmD program, and has participated as a Preceptor for the Faculty's PharmD and Combined BScPharm-PharmD degree program. She has also lectured in the area of chronic non-cancer pain and served as therapeutics oral examiner, case study seminar facilitator, professional practice lab evaluator, and interprofessional pain curriculum facilitator.

**Debra Moy**, Coordinator in Professional Practice, recently completed her MEd degree from the Ontario Institute for Studies in Education at the University of Toronto. Debra specialized in curriculum, teaching and learning including curriculum development, leadership, assessment of knowledge, clinical competence, and professionalism.

Dr. **Zubin Austin** was recently named to the Executive Board of the Canadian Foundation for Pharmacy, Canada's national pharmacy charity.

## Awards

### ORION Leadership Award

The ORION Leadership Awards recognize innovation leadership in Ontario's e-Infrastructure, Higher Education, and K-12 sectors. On April 16th at ORION's inaugural THINK Conference, Dr. **Shana Kelley** was recognized with a Leadership Award for her contributions to e-Infrastructure. Dr. Kelley's group develops new sensors and probes for the detection and diagnosis of disease and the study of biological function.

The Ontario Research and Innovation Optical Network (ORION) is Ontario's advanced technology fibre optic network that connects the research and education sectors. ORION convened the first THINK Conference to focus the organizations it serves on collaboration, sharing best practices, and developing ideas that lead to innovative solutions.

### Pain Awareness Award

Dr. **Anna Taddio** will receive the Pain Awareness Award from the Canadian Pain Society and the Canadian Pain Coalition for the Best Awareness Project for Pain. The goal of this award is to raise awareness about the problem of inadequately treated pain in Canada and to reach a wide Canadian audience. This award recognizes Dr. Taddio's efforts to develop and translate research evidence into practice. Dr. Taddio

will receive this award for the HELPinKIDS (Help ELiminate Pain in KIDS) website and video regarding pain management during childhood vaccination. She will receive this award at the upcoming Canadian Pain Society's Annual Conference in May in Whistler, BC.

### Pharmacotherapy Best Practice Award

Dr. **Sandra Walker** was part of a multidisciplinary team that received the Canadian Society of Hospital Pharmacists' National Awards Program – Pharmacotherapy Best Practice Award for a project entitled "Evaluation of a Prospective Audit and Feedback Programs in Critical Care: A Controlled Interrupted Times Series Analysis." While there is support for antibiotic stewardship programs in critical care, most data comes from uncontrolled before-and-after studies that are prone to bias and temporal confounding. This study aimed to rigorously evaluate the impact of a prospective audit-and-feedback program in critical care patients, using a controlled, interrupted time series analysis, which resulted in a successful prospective audit-and-feedback program being implemented in level III ICUs.

### Nagai Foundation Tokyo Distinguished Lectureship Award

In January, Dr. **K. Sandy Pang** presented "PBPK modeling brings clarity to examination of the interplay between enzymes and transporters" at the International Symposium on Past, Present and Future of Molecular Pharmacokinetics. At this Conference, Dr. Pang was recognized with the Nagai Foundation Tokyo Distinguished Lectureship 2012 award.

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## Grants

Dr. **Carlo DeAngelis** and Dr. **Marisa Battistella** recently received a one-year McLaughlin Centre Accelerator Grant. "The role of single nucleotide polymorphisms of iron regulatory genes in chronic kidney disease (CKD) and cancer treatment induced anemia susceptibility and response to therapy" was awarded one-year funding with matching funds from the investigators. Understanding how genetic polymorphisms in iron homeostasis genes influences a patient's susceptibility and response to interventions to/for anemia in CKD and cancer patients would enable clinicians to identify patients for early interventions and individualize therapy based optimizing the response to agents such as iron, erythropoietin and other novel agents under development for the management of

anemia. Furthermore understanding of these pathways will help in the development of new therapies. The proposed project is the first of its kind to evaluate the effect of genetic polymorphisms in the susceptibility and response to therapy in anemia associated with CKD and cancer. The study of two diverse patient populations with a common clinical problem is a unique approach to unraveling the genetic basis of disease which can serve as a model for other conditions which cross clinical specialty boundaries. In addition to promoting inter-institutional research activities, the funding of this project will foster interprofessional collaboration across health care professions and serve as an example of the strength and value of approaching a therapeutic problem from alternative perspectives.

Xagenic Inc., a start-up company created by Professor **Shana Kelley** in partnership with MaRS Innovation, secured series A funding from sources in the private and public sector. Rafi Hofstein, CEO of MaRS Innovation, noted that “It’s clear that there’s tremendous excitement behind Xagenic’s breakthrough diagnostic technology and its potential benefits to patient care.” Unlike current diagnostic tests that are complex, time-consuming, and require skilled laboratory technicians, Xagenic’s diagnostic solution employs patented nanostructured microelectrodes to achieve highly sensitive nucleic acid sensors that detect DNA and RNA at record-breaking speed.

### General Faculty News

The Leslie Dan Faculty of Pharmacy in cooperation with participating companies will again offer the opportunity to apply for a residency in the **Industrial Pharmacy Residency Program** to pharmacy students in their final year of their pharmacy program and to recent graduates. Applications should be sent to the program coordinator Dr. J. Graham Nairn during the period September 1, to October 1, 2012 for the one year program beginning September 2013. The residency offers participants the opportunity to learn and actively

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### Student News

The Cressy Awards recognize students graduating from the University of Toronto whose extra-curricular activities have left a profound mark on their college, faculty or school, or on the University as a whole. Named in honour of Gordon Cressy, these awards recognize leadership and dedication in students committed to making a difference. This year, five students from the Leslie Dan Faculty of Pharmacy were recognized by the University of Toronto Alumni Association to receive this honour:

**Bryan Falcioni** (Class of 1T2) is committed to improving the quality of the student experience, as is evident through his involvement in a wide range of extra-curricular activities. As vice-president of the Undergraduate Pharmacy Society (UPS), Bryan was responsible for organizing the Annual Orientation Banquet and the UPS Awards Night. He also co-founded the Ontario Pharmacy Students Integrative Summit which is a collaborative learning initiative between Ontario’s two pharmacy faculties. Bryan is a strong advocate for student participation in intramural sports; not only has he been a member of a number of different intramural teams, he has also honed his

participate in one or more aspects of the industry. Full and up-to-date information about the program will be available in early May, at [www.pharmacy.utoronto.ca](http://www.pharmacy.utoronto.ca) click programs + admissions, click residency programs, click Industrial Pharmacy Residency Programs (Dr. J. Graham Nairn, Professor Emeritus, Leslie Dan Faculty of Pharmacy, Tel: 416-978-2881 or 416-978-8511, Email: [johngraham.nairn@utoronto.ca](mailto:johngraham.nairn@utoronto.ca))

In March, students in the Bachelor of Science in Pharmacy program participated in the annual Pharmacy Awareness Week. This week-long celebration of the pharmacy profession provided a wonderful opportunity for faculty, staff, students and the community to celebrate the achievements of pharmacists and learn more about the profession. This year’s events included a Case Competition, Speed Meet a Pharmacist, several Advocacy Talks, the popular Mr. Pharmacy Pageant, and public awareness campaigns at University Hospital Network sites and through Students for Optimizing and Advocating Pharmacy Endeavours (SOAPE). Congratulations to everyone who participated in and attended these events promoting the role of the pharmacist in the healthcare system.

leadership skills by serving as captain of the men’s hockey and the co-ed volleyball teams.

**Rhea Mehta** (Ph.D. graduate) has distinguished herself as an emerging leader through her involvement in health and wellness activities on and off campus. As Chair-Elect for the American Association of Pharmaceutical Scientists, she co-organized an international conference at U of T and for the past several years, she has led wellness events for Toronto’s South Asian community. Rhea also writes and blogs for the Toronto Youth Food Policy Council.

**Olivia Ng** (Class of 1T2) has had many opportunities to put her organization skills to good use since her first year of pharmacy. She has been involved in organizing a wide range of student-focused activities including the Pharmacy students’ display at Science Rendezvous and Orientation Week for incoming students. As Co-Director of the Pharmacy Choir and Arts Association, Olivia was responsible for organizing the annual Pharmacy Arts Night and served as the Master of Ceremonies for the event. Olivia has also been involved in student outreach activities where she promoted the pharmacy profession to high school students.

**Natalia Persad** (Class of 1T2) is a well-respected student leader who has been actively involved in many facets of student life over the past four years. As the director of External Affairs for UPS, she not only served as liaison between students and professional organizations, but also raised funds to support the initiatives and activities of the UPS. Through her involvement with Global Medicine Initiatives she has increased student awareness of issues pertaining to access to medications in the developing world. She also played a key role in organizing World AIDS Day events. As a member of the Red Cross Youth Group Public Education Committee, Natalia has organized

educational events about the Sudan Crisis, International Humanitarian Law and Landmines Awareness.

**Zenah Surani** (Class of 1T2) was recently recognized by her peers as having made the most significant contribution to the professional, athletic and social lives of her classmates. This recognition was, in part, the result of her involvement with the UPS. She has served as the co-editor-in-chief of the *Monograph* and is currently the student board member of the Ontario Pharmacists' Association. In this role, Zenah serves on the board's Audit and Finance Committee and she is involved in organizing the OPA Cup - an annual hockey game between Ontario's two pharmacy programs.

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## UNIVERSITY OF WATERLOO

### School News

The School of Pharmacy held its first Business Awards Ceremony celebrating Innovation and Entrepreneurship on April 5. Conceived by Professor Roderick Slavcev, the awards presented at the ceremony were the Scotiabank Pharmacy Entrepreneurship Award and the Pharmasave Industrial Case Study Competition Award.

The **Scotiabank Pharmacy Entrepreneurship Competition** provides pharmacy students with the opportunity to create the blueprint necessary to develop a new business start-up. In the first year of the competition, twelve contending individuals / teams submitted comprehensive plans proposing novel enterprises. The top three ventures then delivered presentations to a panel of stakeholders from various sectors. The winning venture was MyPharmacyPatient, based on a highly innovative educational platform developed and led by third year student, Peter Pagacz. Peter received the grant prize valued at \$15,000. The annual competition and award is generously sponsored by Scotiabank and Scotia Private Client Group, with professional services provided in-kind by Gowlings and KPMG.

The **Pharmasave Industrial Case Study Competition Award** was also presented during the ceremony. This competition, now in its second year, is an incentivized final examination of the comprehensive core 'Fundamentals of Business Administration and Management' program. Teams of pharmacy students were sought as consultants to analyze and offer strategic solutions toward the self-sustainability of the School's Clinical Capstone program. After submitting reports, delivering presentations, and defending their proposals to a panel of judges, one winning team comprised of: Mihir Patel, Calvin Poon, Catherine Prochazka, Vanessa Raco, and Alia Thawer received the \$5,000 cash prize, generously sponsored by Pharmasave.



Elizabeth Heald, Scotia Private Client Group; Peter Pagacz; Paul Smith, Scotiabank



Pictured l to r: Mihir Patel, Billy Cheung (Pharmasave), Catherine Prochazka, Alia Thawer, Calvin Poon. (Missing: Vanessa Raco)



### Grants and Awards

Anson Tang and co-investigators Eric Schneider, Nancy Waite and Janie Bowles-Jordan received a grant from the University of Waterloo for \$19,000 to study “The Use of Experiential Learning in Undergraduate Pharmacy to Spur Curricular Reform.”

Dr. Jeff Nagge received the Michael DeGroot School of Medicine Waterloo Regional Campus Excellence in Teaching – Academic Award 2011.

Dr. Cynthia Richard received one of two Excellence in Science Teaching Awards from the Faculty of Science, University of Waterloo at a reception on April 17. The award recognizes Dr. Richard’s dedication and commitment to enhancing the learning of pharmacy students.

Certina Ho received the Safe Medication Practices Award (CHSP National Award Program) at the Canadian Society of Hospital Pharmacists (CSHP) Professional Practice Conference (PPC) in February.

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### Appointments

Dr. Paul Spagnuolo joined the School of Pharmacy as Assistant Professor on March 1. Paul received his PhD from University of Waterloo in 2009 followed by a post-doctoral fellowship in drug discovery and

pharmacology at the Ontario Cancer Institute and Princess Margaret Hospital. Paul’s research will focus on the screening and characterization of the anti-cancer properties of nutraceuticals.

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### Presentations

Dr. Carlos Rojas-Fernandez presented a public lecture at the School of Pharmacy on January 31. His lecture on the topic of “Medications and Alzheimer’s disease” was attended by over 150 individuals from the community. Dr. Rojas-Fernandez holds the Schlegel Research Chair in Geriatric Pharmacotherapy.

Safety and Continuous Quality Assurance (CQA) in Community Pharmacies.”

Certina Ho presented at the 30th Annual Pharmacy Technicians Conference in Toronto on “Medication

Dr. Nancy Waite presented the results of her project “Measuring Community Service Student Learning: A Professional Program’s Findings” at the Community-Campus Partnerships for Health conference in Houston, Texas.

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### Publications

**Ho C**, Poon C. (2011) Medication Safety in Pediatrics. *Pharmacy Connection* 2011 Fall: 15-17.

Huypens P, Huang M, and **Joseph J.W.** (2012). Overcoming the spatial barriers of the stimulus secretion cascade in pancreatic beta cells. *Islets* 4(1).

**Ho C**, Cheng R, Poon C, Hung P, Lee G, O’Leary J, Duwyn K, Kadija M, Lee C, and Riahi S. (2012) Extending Hospital-Based Medication Incident Reporting to Enhance Medication Safety and Continuous Quality Assurance in Pharmacy Practice. *Canadian Journal of Hospital Pharmacy* 65(1): 76-77.

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

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**Contributors**

Ingrid Price, President

<*iprice@mail.ubc.ca*>

AFPC Councilors:

Kerry Mansell, U of S

<*kerry.mansell@usask.ca*>

Frederic Calon, U Laval

<*frederic.calon@crchul.ulaval.ca*>

Nese Yuksel, U of A

<*nyuksel@pharmacy.ualberta.ca*>

Tessa Nicholl, UBC

<*nichollt@interchange.ubc.ca*>

Dean Dave Edwards, U of Waterloo

<*david.edwards@uwaterloo.ca*>

<*nmwaite@sciborg.uwaterloo.ca*>

Andrea Cameron, U of T

<*aj.cameron@utoronto.ca*>

Mary MacCara, Dalhousie U

<*Mary.MacCara @dal.ca*>

Daniel Thirion, U de Montréal

<*daniel.thirion @umontreal.ca*>

Silvia Alessi-Severini, U of M

<*alessise@ms.umanitoba.ca*>

Carla Dillon, Memorial U

<*cmdillon@mun.ca*>

Harold Lopatka, Executive Director

<*hlopatka@telus.net*>

**Editor**

Rebecca M. Law, Memorial University

<*rlaw@mun.ca*>

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