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PRESIDENT'S MESSAGE

2006 promises to be another exciting year. Across the country, pharmacy organizations are gearing up for a variety of new challenges and opportunities, ranging from primary care reform to enhanced interdisciplinary collaboration to the opening of a new school of pharmacy at the University of Waterloo in the next 18 months. While pharmacy may be many things, it's certainly not boring or static!

AFPC will be involved in a variety of exciting and important initiatives this year. We will represent academic pharmacy at the National Human Resources Planning Study Working group, a long-awaited venture to plan for the future needs of the profession. As this group meets to consider how best to respond to the increasing demand for pharmacists and pharmacy services, AFPC will continue to emphasize the importance of excellent academic preparation and

standards-based assessment of all entry-to-practice candidates. AFPC is also participating in a variety of initiatives related to practice-based research, and will represent university-based researchers in establishing a national agenda for this important initiative. We are also working on an important initiative to outline liability issues associated with interprofessional collaboration, an area of pressing concern to many.

AFPC is fortunate to have a pool of talented and committed volunteers to assist us in ensuring academic pharmacy is represented in these and other important areas. In most cases, volunteers are drawn to AFPC for the opportunity to contribute positively, to provide leadership, and to apply their expertise at a national or international level. There are many ways for faculty members to contribute to AFPC. I invite every faculty member to spend a moment and reflect upon what kind of organization you'd like AFPC to become...and then take another moment and speak to your local AFPC council member about ways of getting more involved!

As the new year begins, we can all find plenty of reasons NOT to become involved – workload, competing demands, a sense of resignation about what's possible. I hope, however, we can all reflect upon the accomplishments of our organization over the years, and the potential we have today. Academic pharmacy is a pivotal partner in the profession, and in the health care system; however, we are only as strong as our members. Get involved, attend our conference this year (in Edmonton, June 2-4), network with colleagues, and discover all the possibilities that await us this year.

Happy New Year to all!

Zubin Austin

AFPC President, 2005-2006

EXECUTIVE DIRECTOR'S CORNER

My very best wishes to colleagues and friends in the New Year. As indicated by our President, Zubin Austin, AFPC has enjoyed a very successful year in 2005 and we are anticipating meeting many of the objectives outlined in our strategic plan for 2006. The recently published article on Tenure for Clinical Faculty on the AFPC web site, the progress being made with respect to a national initiative for experiential programs in Pharmacy, and the initiation of a project to create a data base of pharmacy faculty and activities are but a few of the projects where AFPC can claim success. Financially, we have had some downturn in affiliate sponsorship of AFPC but many of our stakeholders continue to regard support of pharmacy education in Canada as one of their priorities. We are always pleased to give recognition to that generous support by listing the Affiliate Members in each of our Newsletters and posting their contact information on our web site:

<http://afpc.info/content.php?SectionID=2&ContentID=10&Language=en>

Tributes to two Pharmacy Educators who made a difference to the development and quality of pharmacy education in Canada: **Roger Larose**, former professor and Dean, Université de Montréal and **Pat Paterson**, Professor, University of Toronto passed away in late

2005. Both of these individuals were strong contributors to the activities of the Canadian Conference of Pharmaceutical Faculties (CCPF) and to the early days of AFPC. Tributes to these two individuals appear in this newsletter.

AFPC Awards: Applications for the AstraZeneca New Investigator Award, the Pfizer Research Career Award, and the Bristol-Myers Squibb National Education Award are now being processed. The Merck Frosst Graduate Fellowship Award applications have just come in. I am pleased to report that the number of applicants in each category is up and we can be assured of a healthy competition for each of the awards in 2006. Just a reminder; the GlaxoSmithKline Graduate Student Research Award nominations must be submitted to the Executive Director by March 1, 2006. Finally, March 15, 2006 is the deadline for nominations for the Rx & D visitation program, Honored Life Membership, and AFPC President. Please refer to the abstract booklet on the web page for details of the awards and procedures for submitting nominations:

<http://afpc.info/content.php?SectionID=5&ContentID=95&Language=en> and
<http://afpc.info/content.php?SectionID=5&Language=fr>

Conference 2006 in Edmonton: "Preparing Pharmacists for the Future"

The AFPC Conference and Meetings for 2006 will be held June 2 to 4, at the MacDonal Fairmont Hotel and the Shaw Conference Centre in Edmonton, Alberta. The 2006 AFPC Conference and Meetings coincide with the CPhA Conference, June 3-6 in Edmonton. AFPC and CPhA will jointly host two research sessions on Sunday June 4, focusing on pharmacy practice. More program information will be posted on the AFPC Web Site as it becomes available:

<http://afpc.info/content.php?SectionID=3&ContentID=16&Language=en>

Call for abstracts:

Details on the call for abstracts for the 2006 Conference can be accessed online at

<http://afpc.info/content.php?SectionID=3&ContentID=17&Language=en>

The deadline for submission of abstracts is **March 15, 2006**. A pharmacy practice research session will be held in the Shaw Conference Centre on the morning of June 4, 2006. Abstracts to be considered for oral presentation in this session must be clearly identified and meet the deadline for submission of **March 15, 2006**. Abstracts not successful for the oral presentations of pharmacy practice research may be accepted for a poster presentation.

Registration for the Conference in 2006:

Registration is now a totally online process and major credit cards will be accepted. Early registration will be accepted prior to March 15, 2006.

Recent Meetings: The AFPC Council and Executive held their midyear business meeting in Toronto on February 4-5, 2006. The Association of Deans of Pharmacy of Canada held their midyear meeting and strategic planning session in Mississauga on February 7, 2006. On February 7, the Deans also met with the Board of CACDS. Please contact the Executive Director's Office for further details.

New School of Pharmacy for Canada: It has been a little more than 20 years since the inception of a new

School of Pharmacy at Memorial University in Newfoundland and Labrador. A proposed new School of Pharmacy at the University of Waterloo, to be located in downtown Kitchener, is scheduled for opening to students in the fall of 2007. Dr. Jake J. Thiessen is the founding Hallman Director of the school. Recruitment of faculty is actively under way.

For more information, please refer to the web site at: <http://www.pharmacy.uwaterloo.ca/index.html>

In Memoriam

Professor Roger Larose (1919-2005):

Pharmacien depuis 1932, monsieur Larose fit carrière dans l'industrie pharmaceutique avant d'être Doyen de la Faculté de pharmacie de l'Université de Montréal de 1960 à 1965, puis Vice-recteur à l'administration de 1969 à 1979. Il siégea au Conseil d'administration de la Banque Nationale et fut Gouverneur de l'Institut des banquiers canadiens pendant huit ans. Il fut administrateur de divers centres hospitaliers au Québec et de l'Association des hôpitaux du Canada, dont il a reçu le George Findlay Stephens Award pour contribution exceptionnelle. Il était membre de l'Académie de pharmacie de France, et membre honoraire de la Pharmaceutical Society of Great Britain. Monsieur Larose a reçu de nombreuses distinctions et a été officier de l'Ordre du Canada depuis 1973.

Pharmacist since 1932, Roger Larose had a career in the pharmaceutical industry before becoming Dean in the Faculty of Pharmacy of the Université de Montréal between 1960 and 1965. He was then Vice-President (Administration) from 1969-1979. He was a council member of the Banque Nationale and was Governor of the Bank Institutes for 8 years. He was administrator in different hospital centers in Quebec and of the Canadian Association of Hospitals, from which he received the George Findlay Stephens Award for his exceptional contribution. He was a member of the Académie de pharmacie de France and honorary member of The Pharmaceutical Society of Great Britain. Professor Larose received many honorary distinctions during his career and was an officer of The Order of Canada since 1973.

Many thanks to Sylvie Marleau for acquiring and editing the information on Professor Larose.

In Memoriam

Professor Pat Paterson (1919-2005):

G. R. (Pat) Paterson died 29 December 2005 after periods of illness in recent times. He was predeceased by his wife, Ida, in 2001, and is survived by two sons, Andrew of Toronto and Charles with grandson Daniel in Barrie, Ontario.

Pat earned his Phm.B. degree in 1942 at the University of Toronto, followed by both the B.S.P. and M.Sc. at the University of Saskatchewan, prior to completing his Ph.D. at the University of Wisconsin, with a major in pharmaceutical chemistry and a minor in the history of pharmacy. The latter was under the supervision of George Urdang, the major figure in the field at that time, who had also been responsible for the founding of the American Institute of the History of Pharmacy (AIHP).

The exposure to Urdang and the AIHP lead Pat to being primarily responsible for founding the counterpart of AIHP in Canada, the Canadian Academy of the History of Pharmacy (CAHP), in 1955. Paterson served as its first executive director from 1955 until 1968. In addition to heading the department of pharmaceutical chemistry at the University of Toronto, he also taught the history of pharmacy until 1967, then assumed responsibility for a complete re-vamping of the introductory course in pharmacy.

Professor Paterson made a major change in career when he became the first executive director of the Hannah Institute for the History of Medicine, which he maintained until his retirement. He retired as a professor emeritus of the Faculty of Pharmacy, University of Toronto.

Besides other major contributions to the profession and its history, he also assumed the huge responsibility for planning the Canadian centennial year celebrations for the Canadian Pharmaceutical Association in 1967. In addition, he was largely responsible for encouraging the Ontario College of Pharmacists and the Ontario Heritage Foundation to undertake the restoration of the Niagara Apothecary back to the glory of its opening at its present site in 1869. The Apothecary re-opened to the public as a museum in 1971 and remains a major attraction in Niagara-on-the-Lake with some 100,000 visitors during its open season each year.

Among many forms of recognition for his various contributions to the profession and his specialty over the years were honorary memberships in the International Academy of the History of Pharmacy, the Canadian Pharmaceutical Association, the Association of Faculties of Pharmacy of Canada, the Canadian Academy of the History of Pharmacy, and the Ontario College of Pharmacists.

Provided by Ernst W. Stieb, Professor Emeritus, University of Toronto

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ASSOCIATION DES FACULTÉS DE PHARMACIE DU CANADA**

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Frank Abbott
Executive Director

Un nouveau programme

La faculté de pharmacie de l'Université Laval a pris la décision de revoir son programme de premier cycle. Plusieurs équipes de travail travaillent déjà sur les approches et contenus pédagogiques qui permettront d'offrir aux étudiants en pharmacie une formation adaptée aux besoins grandissants de la profession. Le grade qui sanctionnera les apprentissages des étudiants inscrits à ce nouveau programme pourrait également être réhaussé.

La faculté a retenu l'approche par compétences pour élaborer et mettre en œuvre son nouveau programme. La formation à la compétence signifie que l'accent auprès de l'étudiant est surtout mis sur sa capacité d'agir en situation réelle plutôt que sur ses aptitudes à démontrer une habileté ou une connaissance. Le nouveau programme en pharmacie verra le jour en même temps que les nouvelles installations d'un nouveau pavillon sur le campus de la Cité Universitaire.

Une activité « virtuelle » d'apprentissage

La restructuration actuelle de l'ensemble des activités

Un nouveau pavillon : Le Centre intégré de formation en sciences de la santé

L'Université Laval est à finaliser les plans et devis du Centre intégré de formation en sciences de la santé. Ce nouveau pavillon abritera les facultés des sciences infirmières, de médecine (incluant les programmes de physiothérapie, d'ergothérapie et d'orthophonie) et de pharmacie. Selon les décanats de ces trois facultés, il est clair que, dès le début de la formation des futurs diplômés et diplômées, il est nécessaire de créer des occasions qui favorisent le travail interprofessionnel. C'est dans cette perspective que les doyennes et le doyen préparent, avec leurs équipes et les différents acteurs concernés, un modèle universitaire de fonctionnement et d'apprentissage novateur et viable. Il s'agit d'un concept unique, en ce sens qu'il n'est pas limité à l'espace physique et les trois facultés travaillent à la conception d'un plan stratégique global relatif à l'enseignement interprofessionnel.

La fin de la construction de ce stimulant projet d'un centre intégré de formation en sciences de la santé est prévue pour 2009. L'expertise, l'implication et l'engagement de chacun des différents acteurs et partenaires contribueront à mettre en place le modèle universitaire préconisé par les trois facultés. Ainsi, les futurs professionnels et professionnelles de la santé seront mieux outillés pour travailler ensemble, en interdisciplinarité, pour le bénéfice de la santé de la population.

pédagogiques du programme de baccalauréat en pharmacie suscite un grand nombre d'initiatives et de projets porteurs : la visée ultime est d'offrir la meilleure formation possible à nos étudiants mais aussi aux pharmaciens déjà en pratique par le biais d'activités de formation continue. C'est dans cette perspective qu'a été mis sur pied le *Programme d'interventions virtuelles en pharmacie (PIVEP)*. Il s'agit d'un projet innovateur de formation en ligne dont l'utilisation par l'apprenant permet d'obtenir une formation d'appoint sur divers sujets en pharmacie dans un contexte se rapprochant très près de la dynamique professionnelle. Plus précisément, PIVEP est un système de simulation évolué pouvant recréer des situations cliniques telles que vécues en pharmacie. Le cheminement clinique de l'apprenant dans diverses situations plus ou moins complexes est critiqué par différents moyens de rétroaction. Ce projet viendra préparer, appuyer et consolider l'enseignement clinique tel que présenté dans certains cours où l'apprentissage par résolution de problèmes est déjà instauré. Il permettra aux pharmaciens en pratique de parfaire leurs connaissances.

Des laboratoires de simulations « stimulants »

En plus du laboratoire d'expérimentation traditionnel, la Faculté de pharmacie aura son laboratoire de pratique pharmaceutique. Ce laboratoire comprendra plusieurs unités de travail indépendantes où les étudiants pourront agir, à leur tour, comme pharmaciens, patients et observateurs. On y retrouvera tous les outils nécessaires pour surveiller la pharmacothérapie ainsi que les espaces permettant de simuler la pratique de la pharmacie, y compris des aires de consultation privées essentielles à la pratique actuelle. Une grande aire de service sera consacrée pour la simulation de consultations pharmaceutiques en ce qui a trait aux médicaments en vente libre. Un laboratoire de préparations stériles sera également aménagé en conformité avec les normes actuelles pour la préparation en milieu communautaire de produits à usage parentéral. De plus, des aires de simulation de manipulations stériles seront également aménagées à l'intérieur de chaque îlot de travail du laboratoire. Le laboratoire de pratique pharmaceutique fera partie d'un grand centre interprofessionnel d'apprentissage pratique, le Centre APPRENTISS. Ce centre aura une superficie de 5000 m² et comprendra plus de 30 laboratoires multifonctionnels pour répondre aux besoins de l'ensemble des étudiants des trois facultés.

Une nouvelle philosophie pédagogique

La Faculté préconise une intégration des formations en sciences fondamentales et cliniques, préparant les étudiants aux problématiques multidisciplinaires que fait de plus en plus face notre profession. Également, le développement d'habiletés en éthique, l'apprentissage des langues ainsi que l'acquisition de connaissances à dimensions internationales et relatives aux technologies de l'information et des communications sont des éléments qui composent de plus en plus la formation de nos étudiants du premier cycle. La Faculté opte également pour l'intégration de la recherche aux activités d'enseignement.

Cette philosophie pédagogique qui caractérise la Faculté repose sur la définition de valeurs et principes qui balisent les engagements qu'elle souhaite prendre dans le développement de ses programmes et les actions qui

en découlent. Ces engagements se regroupent autour des valeurs suivantes :

- L'étudiant au centre des préoccupations de la Faculté
- Un enseignement empreint d'humanisme et ouvert sur le monde
- Adaptation et autonomie personnelle devant un monde en changement
- Intégration des apprentissages
- Innovation, créativité et souci de la qualité

A travers cette philosophie, la Faculté de pharmacie espère consolider encore plus la mission qu'elle a de former des pharmaciens et des pharmaciennes dont les compétences professionnelles, l'intégrité et l'engagement social sont de haut niveau .

FACULTY SPOTLIGHT: THE FACULTY OF PHARMACY OF LAVAL UNIVERSITY

Designing a new curriculum

The Faculty of Pharmacy of Laval University has engaged in a reform of its study program for the undergraduate students. The redesign process is currently under way with various committees and working groups formed from faculty members whose task is to set, plan and implement a curriculum that will better prepare students to the growing demand of today's pharmacy practice. The grade given to students who graduate from the enhanced program will probably be different from the current one.

The Faculty makes an innovative move by selecting a competency-based learning approach for the new program. Competency-based learning is a flexible learning process in education and training that deviates from the traditional pre-programmed transfer of knowledge and skills. Students continuously assess their own competencies and plan their individual learning process or "trail" to achieve full competency, while being coached and guided by their teachers. It is hoped that the new curriculum will be ready and launched

when the construction of the new building for the three faculties of health sciences is completed.

e-learning with PIVEP

The current reform of the curriculum in pharmacy gives rise to a number of initiatives and new projects. Le *Programme d'interventions virtuelles en pharmacie: PIVEP (System on Virtual Interventions in Pharmacy Practice)* is one of those initiatives that has been put forward by the Faculty of Pharmacy. This is an on-line educational tool that recreates the professional environment of a pharmacy. Knowledge and skills in connection with various topics in pharmacy can be self-assessed by the learner through simulated situations of more or less complexity. This project is currently at its beginning. Upon completion, it will consolidate the clinical teaching-based courses offered throughout the academic curriculum. For the pharmacists who participate in the program, the system will offer the possibility to apply and integrate new information and skills into their practice.

A new building: the Integrated Health Sciences Center

It has long been wished that interprofessional work and collaborations, which develop between doctors, nurses and pharmacists in the workplace, occur earlier in the curriculum: that is, when students of the three health sciences faculties share a common environment at the university. This multidisciplinary approach of teaching and learning will soon come true as the deans of the Faculty of Nursing, Medicine and Pharmacy, and different stakeholders, have agreed on a global strategic

plan of teaching health sciences. To help this new educational model take place, a brand new pavilion will be built on the campus: Le Centre intégré de formation en sciences de la santé. Space, rooms, various educational activities, experimental and virtual laboratories will become common ground for projects to be set by the students of the three faculties. This multidisciplinary approach is reflected in the plans and estimates of the new building. The construction of the Integrated Health Sciences Center should be completed by 2009.

« Stimulating » lab simulations

In addition to the conventional laboratory of pharmaceutical sciences, the Faculty of Pharmacy will be equipped with facilities especially adapted for the teaching of pharmacy practice. The “laboratory of pharmacy practice” will provide a technology rich area that mimics the Pharmacist-to-Patient scenario. In a state-of-the-art environment, students will develop their competencies on a vast array of professional activities such as patient counselling, drug dispensing, monitoring of pharmacotherapy, etc... They will learn through role play: playing the part of a pharmacist, patient or observer.

Furthermore, there will be several units with certified equipment for the sterile preparation of drugs. The laboratory of pharmacy practice will be encompassed in a larger interprofessional center, “le Centre APPRENTISS”, a 5000 m² large area integrated in the new Centre de formation des sciences santé. APPRENTISS will include 30 multifunctional laboratories for the students of the three faculties of health sciences.

New philosophy in the pedagogical approach

The Faculty of pharmacy has taken steps to better integrate basic and clinical sciences into its new program. In addition, the multidisciplinary approach will be a key element across the curriculum. Among initiatives that characterize the new pedagogical philosophy of the faculty are the development of higher standards in ethics, opportunities to learn foreign languages, international experiences in pharmacy, and integration of communication technologies.

In addition, values to support this new philosophy has been defined:

- Students as the central focus
- Humanism and openness to the world
- Adaptability to a changing world
- Integrated learning
- Innovation, creativity and quality

By this new philosophy, the Faculty of Pharmacy hopes to consolidate its mission to prepare pharmacists who will serve society through high standards.

UNIVERSITY OF ALBERTA

General Faculty News

The second year of the new integrated curriculum is well underway and proceeding well. A white coat ceremony was held for first year students.

Individual Faculty News

Dr. Sharon Mitchell received an interdisciplinary PhD in Experimental Medicine and Pharmacy and Pharmaceutical Sciences from the Faculty of Medicine and the Faculty of Pharmacy and Pharmaceutical Sciences at the University of Alberta specializing in Infectious Diseases, Peritoneal Dialysis and Pharmacokinetics and Pharmacodynamics of Antibiotic Therapy. This is the first Interdisciplinary PhD between the Faculties of Medicine and Pharmacy at the University of Alberta.

Awards

Dr. Franco Pasutto and **Dr. Fakhreddin (Mo) Jamali** were recipients of the Alberta Centennial Medal created by the Province of Alberta as a commemorative medal to celebrate the Province joining Confederation in 1905. The Medal recognizes and honors the outstanding achievements of Albertans who have gone to great lengths to make their province a better place to live, work and do business.

Grants

Dr. Afsaneh Lavasanifar received a grant of \$ 7,000.00 from Novopharm Limited to Assess the Stability of Mercaptopurine Suspension.

Dr. Christine Hughes and co-investigators **Dr. Michelle Foisy** and **Dalcy Zuk** received a CSHF Research and Education Foundation Grant for the project entitled: The Safety and Effectiveness of Antiretroviral Therapy in Pregnancy.

Dr. M. Suresh has received a five-year grant from the National Institutes of Health (Allergy and Infectious

The Alberta Medical Association has selected **Dr. John Bachynsky** to receive their Medal of Honour. The award recognizes a non-physician who has made an outstanding personal contribution to the people in Alberta and who has contributed to the advancement of medical research, medical education, health care organization and/or health education of the public and raised the standards of health care in Alberta.

Retirements

Dr. Len Wiebe retired January 1, 2005 after 36 years of service and research in the area of Radiopharmaceuticals. Dr. Wiebe is one of the few scientists to maintain CIHR funding continuously for over 30 years. Dr. Wiebe has also received three Honorary Doctorate awards throughout his career, one in Australia and two in Japan. An endowed award to assist doctoral students enrolled in the Faculty of Pharmacy and Pharmaceutical Sciences has been established in his honour. Despite his retirement, Len continues with an active research program in the Faculty.

Professor Nancy Rae retired in May 2005 after 20 years of academic service to the University. A dinner will be held in her honour October 25, 2005. As a lasting tribute to Nancy, an endowed award will be established to assist pharmacy undergraduate students.

Disease) for his grant proposal: Ultrasensitive Bispecific Antibody Assay for SARS Virus.

Dr. Scott Simpson received a 5 year CIHR grant titled The Vascular Intervention Program: A Strategy of Medication Management of Cardiovascular Risk in People with Type 2 Diabetes.

Dr. Leonard Wiebe has received a one year CIHR grant titled Nitroimidazole Nucleosides for Imaging (Radiopharmaceuticals) and Therapy (Chemotherapeutics and Radiosensitizers) of Hypoxic Tumors.

DALHOUSIE UNIVERSITY

In Memoriam

We were saddened by the passing of **J. Esmonde Cooke** at the Cape Breton Regional Hospital, Sydney, Nova Scotia, on November 26, 2005. Dr. Cooke, who was awarded an honorary doctorate of laws by Dalhousie University in 1992, was a long time friend and colleague of Dalhousie's College of Pharmacy. His contributions to pharmacy were many, involving practice, teaching, demonstration and history of pharmacy. He was a lecturer and also served as Dean of the Maritime College of Pharmacy.

Academic Appointments, Promotions, Resignations, Retirements

Dr. Kerry Goralski commenced his appointment at the College of Pharmacy as an Assistant Professor in pharmaceutical sciences (pharmacokinetics), in January, 2006. Kerry holds a PhD in Pharmacology and Therapeutics from the University of Manitoba and has completed two postdoctoral fellowships at Dalhousie University, the most recent one with the Departments of

Pharmacology and Pediatrics. We are excited to have Kerry as a new faculty member.

Dr. Neil MacKinnon has taken sabbatical leave for one year as of January 1, 2006. He is working on a book on the safety and effectiveness of the medication use system to be published by CPhA.

Individual Faculty News

Dr. Ingrid Sketris has been elected as Fellow of the Canadian Academy of Health Sciences. The main objective of the Academy is to provide advice on and assessment of key issues relevant to the health of Canadians.

Dr. Susan Bowles received the CSHP Pfizer Award for Geriatrics for the best paper contributing to the care of the elderly. Title: Comparison of a Frail Friendly Nomogram to Physician-Adjusted Warfarin Dosing for Prophylaxis on a Geriatric Rehabilitation Unit.

The Oncology Pharmacy team of Dr. H. Bliss Murphy Cancer Center (Eastern Health) received a First Place Award at the National Oncology Pharmacy Symposium for a poster presentation on their research project, "Outcomes Assessment of a Pharmacists Directed Seamless Care Program in an Ambulatory Oncology Clinic". Scott Edwards is the principal investigator; co-investigators are **Neil MacKinnon**, Rick Abbott,

Michael LeBlanc, Jonathan Edwards, Jennifer Loder, and Kara Laing.

New Grants and Grant Renewals

Drs. Stephen Kisely, Ingrid Sketris and Leslie Anne Campbell received a Development/Innovative Grant from the Nova Scotia Health Research Foundation Capacity Program for their project: Surveillance of adverse effects of cox-2 inhibitors using administrative data.

Dr. Neil MacKinnon is the principal investigator of a new study that will focus on the development of medication safety measures. The study, funded by the Canadian Patient Safety Institute, has a multidisciplinary research team of Ms. Nicole Hartnell of Dalhousie University, Mr. David U of the Institute for Safe Medication Practices Canada, Dr. Adrian Levy of the University of British Columbia and Ms. Mary Ellen Gurnham of Capital Health, NS.

UNIVERSITY OF SASKATCHEWAN

General Faculty News

The College of Pharmacy and Nutrition will be holding its first White Coat Ceremony on February 20, 2006. On that date, the Pharmacy Class of 2009 will be welcomed into the profession and College. The College is pleased to announce that Wyeth Consumer Healthcare Inc. has agreed to support this event with the purchase of the coats.

Graduate Student Awards and Honors

Paula Negraes successfully defended her M.Sc. (Nutrition) thesis entitled, “Consumers’ Attitudes,

Knowledge and Skills Regarding Purchase Decisions in Soyfood Products” on January 16, 2006.

Gloria Woo successfully defended her M.Sc. (Pharmacy) thesis entitled, “Secoisolariciresinol Diglucoside Effects in Diet-Induced Hyperlipidemic Rats” on December 16, 2005.

Georgios Katselis successfully defended his Ph.D. (Pharmacy) thesis entitled, “Biologically Active Triterpene Saponins from the Root of Medicinal Plant *Polygala senega* L.” on November 16, 2005.

Recent Grants

Government of Saskatchewan (Saskatchewan Health) Contract, “Appropriate Use/Lipid Management Research Program, **S.L. Neubauer (PI)**, total value \$600,000, 2005-2008.

University of Saskatchewan, “Creating Sustainable Interprofessional Practicum Sites for Health Care Students”, December 2005 to December 2006, **RT Dobson (PI)**, \$4,480.

Saskatchewan Health Research Foundation New Investigator Establishment Grant (to attend the CIHR Awards Gala on November 22, 2005), **J Yang**, \$1,000.

Saskatchewan Health Research Foundation Establishment and Equipment Grant, “Structural Basis for the Biodegradation of Pentachlorophenol in *Sphingobium Chlorophenolicum*”, **J Yang (PI)**, August 2005 to April 2008, total value - Grant \$80,000;

Equipment \$12,000.

Canadian Institutes of Health Research Grant), “Regulating the cellular phenotype of myelinating cells in young and aged mice by Hox genes”, **A.J. Nazarali (PI)**, 2005-2008, total value – Operating Grant \$323,532: Equipment grant \$10,434.

Natural Sciences and Engineering Research Council of Canada Grant, “Cloning of downstream target genes and functional characterization of Hoxa2 and Hoxd1”, **A.J. Nazarali**, 2005-2006, total value - \$25,000.

Cameco Multiple Sclerosis Neuroscience Research Centre Pilot Grant, “Cuprizone-induced CNS demyelination as a model for studying the transcriptional factor control of oligodendrocyte remyelination” **J.R. Doucette (PI)**, **A.J. Nazarali (Co-PI)**, 2005-2006, total value - \$40,000.

UNIVERSITÉ DE MONTRÉAL

Academic appointments

Professor and Dean Jacques Turgeon has been appointed to the position of Vice-rector of Research for l'Université de Montréal. Professor Huy Ong has been appointed as interim dean of the Faculty of Pharmacy.

Awards

Professor Louise Mallet received the Eldercare Award for Excellence in Senior Care Pharmacy from the American Society of Consultant Pharmacists for her contribution and leadership in promoting pharmaceutical care to the elderly.

Lecturer Christiane Mayer received the Louis-Hébert Award 2005 from the *Ordre des Pharmaciens du Québec* for her contribution, innovation, outreach, and ethics in pharmacy. She has distinguished herself in the field of interpersonal communication and pharmacy reengineering.

Professor Ema Ferreira received the *Pharmaciens de cœur et d'action 7^e édition* award for her achievements as a pharmacist in research. Dr. Ferreira focuses her research on women's health and more precisely on pregnancy and breast-feeding.

Professor David Williamson received the Janssen Ortho – APES 2004 Award for excellence in specialized practice. His practice is in critical care.

Professor Daniel Thirion received the Pfizer APES 2004 recognition award for the development of a tool in support of practice. Dr. Thirion published "La référence rapide en antibiothérapie", a handbook on antimicrobial agents intended for health care professionals.

Grants

Professor Anick Bérard received a CIHR grant for 73 000\$ as primary investigator for the project: "Effect of discontinuing gestational use of antidepressants on maternal behaviours during pregnancy". Professor Lucie Blais and Professeur Sylvie Perreault are co-investigators on the project.

Professor Anick Bérard received a FRSQ grant for 144 000\$ as primary investigator for the project titled: "Effect of discontinuing gestational use of antidepressants on the cognitive and behavioural development of infants". Professor Sylvie Perreault is co-investigator on the project.

Other News

The transformation of the Bachelor in Pharmacy (B.Pharm.) program to the Doctor of Pharmacy (Pharm.D.) program has received a favorable motion from the *Commission des recteurs et des principaux des Universités du Québec* (CRÉPUQ) and from the Ministère de l'Éducation, du Loisir et du Sport.

The Faculty of Pharmacy would like to thank **M. Marc LeBel** for his generous contribution of 50 000\$ that will be dedicated to the development of the future Pharm.D. experiential program.

MEMORJAL UNIVERSITY OF NEWFOUNDLAND

Individual Faculty News

Drs. Gerry Mugford, Vernon Curran and **Rebecca Law** submitted an abstract for publication entitled "*Influence of an interprofessional HIV/AIDS education program on role perception, attitudes and teamwork skills of undergraduate health sciences*". Dr. Mugford has been invited to present this paper at a conference within Imperial College London in April 2006. The conference is called **All Together Better Health III: challenges in interprofessional education and practice**.

Dr. Mohsen Daneshtalab received the proofreading version of his book chapter entitled "Novel Synthetic Antibacterial Agents" compiling the synthesis and medicinal chemistry aspects of synthetic antibacterial agents which were reported during 1995-2005. This book chapter is part of the "Topics in Heterocyclic Chemistry" series. This edition deals with "Anticancers and antibiotics." The chapter is 54 pages and the estimated publication date by Springer Verlaag publishers is March 2006.

Dr. Rebecca Law published a continuing education article entitled "Psoriasis: an update" in *Pharmacy Practice* 2005;21(12):CE 1-7.

UNIVERSITY OF TORONTO

General Faculty News

The Leslie Dan Faculty of Pharmacy, in conjunction with AFPC, will be hosting a workshop, "OSCE-ology: Getting Started with Performance Based Teaching, Learning, and Assessment in Pharmacy" in Toronto from June 14-16 2006. This interactive workshop will involve teams of 3 Faculty members with interests in objective structured clinical examinations and use of clinical simulations in pharmacy education. Facilitators for this workshop will include Dr. Zubin Austin (U of T), Dr. Anthony Marini (University of Calgary), and Diana Tabak (Standardized Patient Program, University of Toronto). A key objective of this workshop will be development, validation, and piloting of a series of stations that may be used for teaching and assessment purposes. For inquiries, e-mail:

cpd.pharmacy@utoronto.ca.

Grants

Drs. Heather Boon (PI) and **Peri Ballantyne** from the University of Toronto, along with colleagues from the University of Alberta, University of

Dr. Leslie Phillips accepted an invitation from Kalyna Butler, Editor of the Clarke Institute's Clinical Handbook of Psychotropic Drugs, to serve as co-editor for some of the chapters in the text. The Clinical Handbook, which is revised annually to reflect updates in the field of psychopharmacology, is considered the definitive resource on psychotropic medications in North America.

Dr. Roy West and his wife have been invited to travel to China to teach in the School of Public Health. He has also been invited to be an expert witness for the Senate Standing Committee on Science and Technology regarding Avian Flu at a meeting in December.

Student News

Lorie Duggan, Justin Peddle, Jeremy Parsons and Jody Pomeroy are the National Compounding Champions at the PDW compounding competition held January 2006.

Sheldon Baines has been elected as the National CAPSI Vice-President for Interdisciplinary Affairs.

British Columbia and Dalhousie University, have received a \$199,373 CIHR Partnership for Health System Improvement (2005-2008) grant in the area of Natural Health Products:

Natural Health Products and Pharmacy Practice **H. Boon (PI)**, Co-Investigators: **P Ballantyne**, T Caulfield, L Eccott, G Griender, S Heschuck, T Jurgens, S Welsh

Ms. Debbie Kwan (Co-PI) and **Dr. Zubin Austin** have received a grant to study the effectiveness of faculty development:

Effectiveness Of A Faculty Development Program On Interprofessional Education: A Randomized Controlled Trial Oandasan, I. (co-PI), Barker, K. K. (co-PI), **Kwan, D. (co-PI)**, **Austin, Z.**, Chatalalsingh, C., Grdisa, V., Langlois, S., Meuser, J., Moaveni, A., Power, R., Rennie, S., Richardson, D., Sinclair, L., & Wagner, S. J. (2005). University of Toronto Dean's Excellence Fund, \$35437 (1 year).

UNIVERSITY OF BRITISH COLUMBIA

New Scholarships

The Faculty has two newly endowed scholarships from two individuals you see in the halls almost everyday.

Ms. Marion Pearson has endowed the *Marion L. Pearson Scholarship in Pharmaceutical Sciences*, which will allow approximately \$1,000 to be offered annually to undergraduate students entering their second or third year in Pharmaceutical Sciences who have achieved excellence in pharmacy practice. **Dr. James Orr** has endowed the *James M. Orr Scholarship in Pharmaceutical Sciences*, which will allow approximately \$1,000 to be awarded annually to undergraduate students in Pharmaceutical Sciences who have achieved excellence in pharmacokinetics.

Ms. Marion Pearson is a 1982 graduate of our Faculty, and is presently a Senior Instructor and Faculty Advisor. Her interests are in contemporary pharmacy practice and the use of learning-centered instructional and assessment techniques to help students become excellent pharmacists. "I've endowed this scholarship so that

students will receive recognition for their success in part of the undergraduate program that is close to my heart," said Ms. Pearson.

Dr. James Orr earned his Ph.D. from the University of California at San Francisco and joined our Faculty in 1977. His areas of expertise are in biopharmaceutics and pharmacokinetics. "I believe this award will help to recognize students' achievements in an important area of their professional education," said Dr. Orr.

"The *Marion L. Pearson Scholarship in Pharmaceutical Sciences* and the *James M. Orr Scholarship in Pharmaceutical Sciences* are testimonies and fine examples of the dedication and commitment of our current and emeritus faculty to enhance the educational experience of our students and our belief in, and support of, academic excellence," said Dean Sindelar. "We are deeply grateful to Marion and Jim for their generosity in making these awards possible".

New Award Program

Dr. Kishor M. Wasan (UBC) and Dr. Dale Meisner (Merck-Frosst Canada Ltd.) are pleased to announce a new award program entitled, "2006 National Summer Student Research Program Travel Awards to the Canadian Society for Pharmaceutical Sciences Annual Meeting for Canadian Pharmacy Schools", sponsored by Merck-Frosst Canada Ltd. Further details are available from our website.

Awards

Ms. **Dawn Strong** and Dr. **Mary Ensom** are the recipients of the 2005 CSHP-BC Branch Publication Award (Original Research).

Mona Kwong is the recipient of the Award of Excellence in Community Pharmacy Practice for her contributions at Howe Street Pharmacy, where she continues to manage. This award recognizes a BC Pharmacist who demonstrates excellence by means of an outstanding contribution in the field of community pharmacy practice, on a one-time or ongoing basis. The award honours a pharmacist who enhances the recognition of pharmacists as medication management experts. Well done, Mona!

Lillian Ting received one of four BEST POSTER awards at the BC Transplant Research Institute UBC Transplantation Research Day on Dec 8, 2005.

Liu ZA, Wilbur K, Wong RYM. Medication Assessment of Geriatric In-patients by Clinical Pharmacists (MAGIC). This Summer Student Research Project was awarded the BC Branch Pharmacy Practice Award in recognition of the best poster presentation at the clinical symposium.

At the recent CSHP - BC Branch Annual General Meeting, **Steve Shalansky** received the CSHP-BC Branch Publication Award (review article category) for the following paper:

Shalansky SJ, Vu T, Pate GE, Levin A, Humphries KH, Webb, JG. Intravenous N-acetylcysteine for prevention of radiographic contrast material-induced nephrotoxicity: Is the intravenous route best? *Pharmacotherapy* 2005;25:1095-1103.

Dr. Urs Hafeli was awarded the 2005/2006 GlaxoSmithKline New Investigator Start-up Grant in Pharmaceuticals and Drug Delivery. Great Job Urs!

PharmD Webpage

UBC PharmD Alumni Profiles web page <http://www.pharmacy.ubc.ca/pharmdprogram/alumni.htm> (after a 2-year "work in progress") is now complete! There, you will find short bios on all 79 individuals who have received their Doctor of Pharmacy degree from the University of British Columbia.

A special thanks goes to all of these alumni, not just for submitting their photos and biosketches, but for being such great ambassadors for the UBC PharmD program!

Grants

Dr. Ric M. Procyshyn has received funding in the amount of \$317,975 from the Riverview Hospital Research Foundation, for the project "Risperidone Long Acting: A Healthcare Resource Utilization Study".

The National Cancer Institute of Canada has awarded **Drs. Joy Johnson and Ric M. Procyshyn**, \$359,460, for the project entitled, "Tobacco Use in the Context of Severe and Persistent Mental Illness".

The BC Medical Protection Association (CMPA) Grant Program has awarded \$45,600, to Dr. Jeff Brubacher and Dr. Garth Hunte (co-PI) and Dr. Riyad Abu-Laban, Ms. Dianne Doyle, Dr. Doug McKnight, Dr. John Shepherd, Dr. Sam Sheps & **Dr. Peter Zed** (co-investigators), for the study entitled, "Patient Safety in Two Canadian Tertiary Care Emergency Departments" for the period of November 1, 2005 - October 31, 2006.

Dr. Mary Ensom received a grant in the amount of \$25,000 from the Medbuy Corporation Endowment Fund, for a project entitled, "Stability of Lansoprazole

New Appointments

Dr. Robert Sindelar has received several new appointments:

- Director for UBC Research Enterprises Inc.
- Board of Directors, BC Biotech
- Member of the Canadian Pharmacists Association, Professional Affairs Committee for 2005-06

in Extemporaneously Compounded Suspensions for Nasogastric and Oral Administration".

Steve Shalansky, acting as co-PI with Jean Kozak from the PHC Centre for Aging and Health, was recently awarded the following grant:

Kozak J-F (PI), **Shalansky SJ (co-PI)**, Cadairo, B, Forbes D, Mithani A, Beattie L, Riggs N, Joy J. Prevalence of adverse events among frail seniors in residential care. Canadian Patient Safety Institute. \$97,523. Jan. 2006 - Jan. 2007.

Dr. Kishor M. Wasan has received funding in the amount of \$40,000, from the Eisai Medical Research Inc. for the project entitled, "Determine the pharmacokinetics and bioavailability of E5564 incorporated into lipid-based formulations following a single oral gavage to rats".

Drs Kishor Wasan and Ric Procyshyn have received funding in the amount of \$26,000 from the Riverview Hospital Research Foundation for the project entitled "Investigating Risperidone's Influence on Clozapine's Plasma Protein and Lipoprotein Distribution".

CPHA REPORT



November Report from the CPhA Board Member

CPhA’s Board of Directors met in October for the first meeting of the new term. This newsletter will report on the meeting and recent CPhA activities.

Pharmacy Human Resources Study

We are pleased to report that in October 2005, CPhA finally received a signed contribution agreement from Human Resources and Skills Development Canada (HRSDC) for \$1.48 million over 30 months to conduct a pharmacy human resources study. The goals of the study are to understand the pharmacy workforce in Canada, to identify human resources challenges nationally and those specific to particular provinces or territories, and to offer recommendations to ensure that the pharmacy workforce is ready for the future. CPhA will manage the project; other national and some provincial pharmacy organizations will participate on stakeholder and advisory committees and task forces.

e-Pharmacy

With ongoing developments in e-health and the move to integrated electronic pharmacy information networks (PINs) or drug information systems (DIS) that permit access to drug profiles and e-prescribing, it is clear that there are patient/practice-based policy issues and business issues that need to be addressed. The CPhA Board accepted in principle a Canadian Association of Chain Drug Stores (CACDS) draft paper “Principles and Elements for Optimal Pharmacy Participation in Development of Pharmacy Information Networks”. It is planned that, after some modifications, the paper will become a joint paper of CACDS, CPhA, National Association of Pharmacy Regulatory Authorities and Canadian Society of Hospital Pharmacists. A meeting of national pharmacy organizations was held October 19, 2005 at CPhA to discuss the key issues, how pharmacy should respond and an action plan for e-pharmacy in Canada.

Primary Health Care Transition Fund Projects

In principle, CphA’s Board approved a set of principles and a framework to support enhanced interdisciplinary collaboration in primary health care. The principles and

Blueprint for Pharmacy

Many of the initiatives mentioned in this newsletter are contributing to the advancement of the profession. However, an overall plan to coordinate activities for the next 5 to 10 years is lacking. In December 2005, CPhA is convening a meeting of approximately 20 pharmacy leaders to develop a Blueprint for Action for the Pharmacy Profession that will identify structural, legislative, policy, program and funding requirements to support the transition of the pharmacy profession.

Once developed, the draft Blueprint will be circulated to pharmacy stakeholders for consultation and comment. Endorsement of a revised document will be sought from pharmacy stakeholders, followed by endorsement from other stakeholders and governments.

framework were developed under the Enhancing Interdisciplinary Collaboration Primary Health Care (EICP) project funded by Health Canada’s Primary Health Care Transition Fund. Further information can be found on EICP’s website. CPhA is a member of the steering committee that includes representatives from national professional associations representing pharmacists, physicians, nurses, dietitians, physiotherapists, occupational therapists, social workers, psychologists, speech-language pathologists and audiologists. Work on this project began in January 2004 and has included consultations with health care providers and leaders, and the public. A tool kit is being developed to support the process of change and the implementation of the principles and framework.

It is expected that the charter from the Canadian Collaborative Mental Health Care Initiative (CCMHI), another Primary Health Care Transition Fund project, will be presented to the Board in February 2006. This charter will define collaborative care and form the foundation for the development and implementation of collaborative care strategies to improve the well-being of Canadians with mental health problems.

Entry-Level PharmD

The Board approved a position on entry-level PharmD that supports waiting for the results of the recently funded (HRSDC) pharmacy human resources study to determine the future roles of pharmacists and what training is required for these roles. At this time, CPhA does not support a change in entry-level pharmacy programs from a Bachelor's-level degree to an entry-level PharmD degree. For more information on this and other CPhA policies visit CPhA's website.

Medical Marijuana

With amendments to Health Canada's Medical Marijuana Access Regulations giving limited authority

for pharmacy to supply marijuana without a prescription (written authorization required) and plans for a pilot study, the Board decided to revisit CPhA's position to see if the proposed pilot study would be supported by CPhA's position. CPhA's current policy on the medical use of marijuana states that the association "supports pharmacists" involvement in dispensing a Health Canada source of standardized medical marijuana if it is provided within the context of appropriately structured clinical trials or protocols. While our current policy does not oppose the pilot study proposal, the Board identified several logistical issues associated with the study, including the need for proper remuneration.

Advisory Networks

The Board approved new profiles for the Membership Affairs and Professional Affairs advisory committees to change them to advisory networks. The networks will involve a greater number of members than the current committees and will use electronic communication such as listservs, discussions groups and web conferences to communicate. Implementation of the network will begin during the 2005-2006 membership year.

The Conference Advisory Committee has been dissolved, and the New Practitioners Committee will be dissolved after the 2006 annual meeting. The terms of reference from these two committees have been incorporated into those of the Membership Advisory and Professional Affairs advisory networks. New practitioner members will be appointed to the membership of all CPhA committees.

It was felt that the composition and terms of reference of CPhA's e-Business Advisory Committee were not

sufficient to advise on CPhA's business activities in this innovative area. The Board needs to ensure that financial risks are being well managed and that product content and functionality meet market needs. A restructured e-Business Review Committee was proposed to address issues related to financial risk. Content and functionality of e-publications will be addressed by an editorial advisory board.

CPhA's Strategic Plan

It has been over 2 years since CPhA's Board reviewed our strategic plan. Some strategic planning work began at the October meeting and will be continued by the Board in 2006.

For more information

For more information on CPhA's current activities, watch for the membership e-newsletter and the fall issue of Impact. If you have any questions or concerns about CPhA, please contact me at 306-966-6347 or Linda.Suveges@usask.ca.

Linda Suveges
Board Member (Academia)

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