



January 2000

Volume 11, No. 2

Table of Contents:

President's Message

Executive Director's Corner

Faculty News

C.Ph.A. Report

Call for Abstracts

President's Message

“Entry-Level Pharm.D.: Where does AFPC go from here?”

1999 presented pharmacy education in Canada with a number of important developments that assures that our work in the academy will remain challenging. Most of our schools continue to make refinements to curricula with greater attention to defining and assessing educational outcomes in our graduates. The increase in tuition fees at some universities over the past few years has raised concern among students although the impact of this issue on applicant pools remains speculative. New federal funding for research chairs and the establishment of the Canadian Institutes for Health Research will present many opportunities for Faculties and Schools to enhance and build depth in our scientific endeavors and graduate programs. Several schools appointed new deans or directors during 1999 and I wish these people much success in providing leadership to their faculty and students. And discussion of the merits of the entry-level Pharm.D. curriculum for pharmacy education has now moved from quiet exchanges among faculty in our schools to a topic of open debate by several national professional organizations.

It is interesting to observe reactions to the Pharm.D. issue. Some see the inevitability in Canada moving to the entry-level degree program and suggest that we should just get on with it, with minimal debate. Others are prepared to consider reasoned arguments validating an educational or professional need but are reluctant to support a change because of other pressing factors, e.g. workforce shortages. Some people are deeply concerned about the capability of some schools to acquire sufficient resources to even consider changing to the new program. And a few would rather the issue just went away so they didn't have to deal with it at this time. But the matter is important and discussion within Canadian pharmacy should proceed to a conclusion that achieves some consensus in resolving the question, at least, for the short term.

Clearly, for the matter to be resolved, all of the various positions on the question are going to have to refine their arguments with better evidence. For example, those advocating this change to pharmacy education in Canada must offer a stronger case that the current 1+4 undergraduate curriculum can no longer be modified to provide graduates who will meet future practice enhancements in the profession. These people will also have to reassure the profession that programs will be available in Canada to allow existing pharmacists to enroll in non-traditional study to upgrade their credentials. For those opposing the Pharm.D. initiative because of workforce supply/demand concerns, there must be most attention given to making more efficient use of the pharmacist skills and knowledge in all practice settings. Job situations that require pharmacists to largely carry out duties that a technician can perform is a poor allocation of a highly trained resource.

In the latter part of 1999, both CPhA and CSHP took somewhat preemptive steps to write to the university presidents and deans of the nine pharmacy schools expressing a concern for the lack of consultation with the profession to this point about the Pharm.D. issue. While these letters revealed considerable naïveté about the process of academic change in universities and the implementation of new degree programs, nevertheless, they reflect an opinion from CPhA and CSHP members who will be the future employers and co-workers of many of our graduates.

AFPC has offered its voice and expertise to help the profession, students, and indeed, our member schools to understand the implications and dimensions of the Pharm.D. question. Past-president Don Perrier and University of Alberta faculty member Dr. Mo Jamali presented the pros and cons of this issue to the CPhA National Pharmacy Forum in London, ON last year. Dr. Wayne Hindmarsh discussed some of the significant initiatives in pharmacy education under consideration at the 1999 CSHP annual meeting in Saskatoon and has been invited to present the entry-level Pharm.D. topic during the issues management forum at the 2000 CPhA conference. Several AFPC executive committee members briefed the CAPSI national council about the Pharm.D. issue at the recent PDW conference in Toronto, and many AFPC members assisted their school CAPSI representatives in organizing local workshops for students to learn more about this question. Several deans also met recently with the Canadian Association of Chain Drug Stores at which the entry-level Pharm.D. was one discussion item. Finally, AFPC has posted a detailed background paper on the entry-level Pharm.D. issue for Canada in the publications section of our website at www.pharmacy.ualberta.ca/afpc. This paper provides useful information to the profession and our stakeholders concerning many of the issues surrounding consideration of a curricular change of this magnitude. Comments from AFPC members about the background paper are invited.

AFPC council and executive will discuss its continuing role in the entry-level Pharm.D issue at its March mid-term meeting in Ottawa. However, AFPC and its members should be prepared to demonstrate leadership on this matter through research on particular points of controversy, consultation with key groups in the profession, and by exchanging information about local conditions within each of the schools and provinces that could be useful to a wider audience.

David Hill
President

Affiliate Members

AFPC is very fortunate to receive support for our programs from many members of the Canadian pharmaceutical industry. We especially wish to recognize the following industry Affiliate members for the year 2000:

- Apotex Inc
- Bayer Inc.
- Bristol-Myers Squibb
- GlaxoWellcome Canada Inc.
- Hoffmann-La Roche Ltd.
- Merck Frosst Canada Inc.
- Novopharm Ltd.
- Pharmaceutical Partners of Canada Inc.
- Pharma Science
- Warner Lambert Inc.

Congratulations!

Dr. Albert Adam from the University of Montreal has been awarded the ‘**Outstanding University Professor of the Year for 1999**’! This is a most prestigious accomplishment in receiving this award from the Council for Advancement and Support of Education and the Canadian Council for the Advancement of Education. No other pharmacy faculty member has received this award and it is a great tribute to his accomplishments in teaching undergraduate students. This award far surpasses the AFPC Award and it is an outstanding accomplishment to be recognized by two very prestigious educational organizations that encompass all facets of university education.

Executive Director's Corner

As we enter a new century (and arguably a new millennium), it is opportune that we take stock of the effectiveness of AFPC to meet the needs of Canadian pharmacy faculty members in our nine educational institutions. E-mail messages and the website have enhanced our ability to reach our membership, but how do we more effectively obtain feedback and suggestions from individual members regarding our programs and activities? We definitely require your input in these rapidly changing times - either talk to your Council/Executive member or forward an e-mail to me:

jblackburn@sk.sympatico.ca.

Chairman Fred Remillard and the Conference 2000 Planning Committee are putting the finishing touches on the program for the **AFPC Conference in Saskatoon, June 24 - 26, 2000**. The Teacher's Conference will be held all day on Saturday, June 24 with emphasis on new teaching methods and approaches to evaluating educational outcomes. Sunday morning will feature presentations by our teaching and research award recipients; and a special symposium on pharmacy practice and new pharmaceutical technology will occupy the afternoon session. On Sunday evening, Saskatchewan Night will welcome both the AFPC and CPhA conference delegates to *Saskatchewan Hospitality*. The Monday, June 26 program will feature the CPhA/AFPC Conference theme speaker, our Annual Meeting with time allocated to member discussions on important issues that are facing pharmacy education, the AFPC Poster displays, Manufacturer displays and opportunities to participate in the clinical, management and general sessions of CPhA with pharmacy practitioners from across Canada. The AFPC program will close on Monday evening with our Annual AFPC Reception and Banquet at the Willows Golf Club.

Please note the Call for Abstracts notification that appears in this issue of Communications and check our website for further information:
(www.pharmacy.ualberta.ca/afpc).

The Teacher's Conference on Saturday will be held at the Sheraton Cavalier with the remainder of the Conference at the Centennial Auditorium. You may wish to make room reservations at the Sheraton Cavalier (1 - 800 - 325-3535 or 306 652-6770) or a listing of other hotels will be forwarded to you very shortly. For those of you who have graduated from the University of Saskatchewan, an all-year pharmacy alumni reunion is also being held on June 23-25 concurrently with our meeting, so it is a special reason for returning to Saskatoon.

Please mark your calendars for June 24 - 26 to attend the AFPC Conference, we will strive to provide an excellent educational program with ample opportunity for networking and socializing!

Jim Blackburn, Executive Director,
Association of Faculties of Pharmacy of
Canada
2609 Eastview
Saskatoon, SK S7J 3G7

Tel: (306) 374-6327
Fax: (306) 374-0555
E-Mail: jblackburn@sk.sympatico.ca

**Jim Blackburn
Executive Director**

Faculty News

UNIVERSITY OF ALBERTA

Faculty News:

The pharmacy students held their annual Career Night, where they had 3 speakers sharing information about community, hospital and industry opportunities. The interesting part of the evening was that 11 organizations rented meeting rooms in the hotel, where the Career Night was held, and they gave presentations to the students, arranged for interviews and provided food and beverages. The participants and students were all extremely pleased with the result. The only disappointment was that more firms wished to participate but the hotel could not accommodate them.

Dr. Raimar L`benberg has joined the Faculty as an Assistant Professor. Dr L`benberg received a Doctor of Philosophy in Pharmaceutical Technology from the Johann Wolfgang Goethe-University in Frankfurt in 1996.

Dr. Karen Farris, Associate Professor, will resign from the Faculty effective April 28, 2000.

Individual Faculty News:

Drs. S. Mcquarrie, G. Miller and M.R. Suresh awarded NSERC Grant of \$234,000 for three years (1999-2002) on "Re-188 Targeted Stealth Liposomes: Immunochemistry and Radiation Dosimetry-Potential Adjuvant Treatment for Ovarian Cancer.

Dr.M.R. Suresh was awarded the McAlla Professorship for the year 2000-2001.

Dr. M.R. Suresh gave two invited talks to the 8th International Biotechnology Congress, Havana, Cuba in December 1999. He spoke

about Bispecific Antibodies and Cancer Therapeutics and Bispecific Antibody based Ultrasensitive Immunoassays.

Dr. Margaret Ackman provided two invited talks "Novel Cardiovascular Risk Factors - Should We Treat?" was given at the CSHP Professional Practice Conference in Toronto in February. "The Use of Sildenafil in Patients with Cardiovascular Disease" will be her topic at the CSHP 26th Annual Banff Seminar in March.

Dr. Ed Knaus was awarded a grant from the Medical Research Council of Canada entitled "The design and evaluation of selective COX-2 non-ulcerogenic antiarthritic agents" for the period 2000-2003 in the amount of \$72,836/year.

Dr. Cheryl Wiens gave an invited talk on "Managing Urinary Incontinence in Older Patients" at the CSHP Professional Practice Conference in Toronto.

Mr. Scott Watson successfully defended his Master's Thesis entitled "Towards the complete backbone NMR assignments of the hepatitis A3C protease". It was passed without revision and his supervisor was **Dr. David Wishart**.

Dr. David Wishart will be giving invited lectures on proteomics and bioinformatics on Feb. 9 (in Palo Alto), Feb. 10 (in San Diego), and Feb. 24 (University of Southern Florida).

DALHOUSIE UNIVERSITY

Individual Faculty News:

Foy E, Neves K. Internet resources for pharmacists. 35th Annual Pharmacy Refresher Course. Division of Continuing Pharmacy Education, College of Pharmacy, Dalhousie University. Dartmouth, NS, October, 1999.

Gardner D. Antidepressants: update & application. 35th Annual Pharmacy Refresher Course. Division of Continuing Pharmacy Education, College of Pharmacy, Dalhousie University. Dartmouth, NS, October, 1999.

Dr. Neil MacKinnon was one of 4 speakers in the Opening Plenary Session at the Canadian Home Care Association Annual Meeting in Toronto, Ontario on Nov 29,1999. The session was titled "Building Bridges to Other Sectors" and Neil described the role of pharmacists in the home care setting.

MacKinnon N. Are you making the grade? What pharmacists need to know about pharmacy report cards. 35th Annual Pharmacy Refresher Course. Division of Continuing Pharmacy Education, College of Pharmacy, Dalhousie University. Dartmouth, NS, October, 1999.

Slyter K. Antimicrobial resistance: What bugs us in the Maritimes? 35th Annual Pharmacy Refresher Course. Division of Continuing Pharmacy Education, College of Pharmacy, Dalhousie University. Dartmouth, NS, October, 1999.

Whelan A.M. Cox-2 inhibitors: Role in the management of osteoarthritis and rheumatoid arthritis. 35th Annual Pharmacy Refresher Course. Division of Continuing Pharmacy Education, College of Pharmacy, Dalhousie University. Dartmouth, NS, October, 1999.

Whelan A.M. Cox-2 inhibitors: Role in the management of osteoarthritis and rheumatoid arthritis. CE night for pharmacists. Sydney, NS, January 2000.

Pollen Yeung was a recipient of the Rx&D-HRF/AFPC Industry Visitation Award. He visited several pharmaceutical companies in the Montreal and Toronto areas in October and enjoyed very much his visits.

Pollen Yeung was elected to serve as a board member for BioNova, which is a Nova Scotia Biotechnology and Life Sciences Industry Association promoting the growth of the industry in the province and Atlantic Canada.

General Faculty News:

The Critical Appraisal Series has been further developed and the initial cohort of students are entering their fourth term of this course. Emphasis this term will be on the application of evidence-based clinical practice. Students will complete 3 assignments, evidence-based communications (2) and write a critically appraised topic. Students will run 8 different case-based, evidence-based journal clubs over the course of the term, each with 8 students per group. These journal clubs will be based on a provided case scenario, selected article and the relevant JAMA users guide to the medical literature. As part of the journal club format, peer evaluations will be used to evaluate group members on preparedness, contribution and attitude.

The second year pharmacy students designed disease management programs for actual community pharmacies as part of their Drug Use Process Management PBL block in January 2000. Additionally, the fourth year students performed pharmacoeconomic analyses and held a

pharmacoeconomic poster session as part of their Advanced Health Outcomes Management course. Descriptions of these projects can be obtained from Dr. Neil MacKinnon at (902) 494-6379.

Over the past few years, the Faculty of Health Professions, of which the College is a part, has integrated interprofessional learning modules into the curricula of each of the schools/colleges. In the spring/summer of 1999 the approach to interprofessional learning was modified somewhat by the Interprofessional Academic Advisory Board, consisting of the curriculum committee chairs of each of the schools/colleges. The Board has invited the Faculties of Medicine and Dentistry to join in interprofessional education planning, which resulted in one day each term being devoted to interprofessional learning involving all three faculties. Two very successful three-hour modules have been undertaken this year with students from all areas participating. Group work consisted of a problem-based learning approach to team building and interprofessional identity. The three faculties have been successful in obtaining funding for an overall interprofessional coordinator in addition to the Faculty of Health Professions interprofessional coordinator.

UNIVERSITY OF SASKATCHEWAN

Appointments:

Dr. Fred Remillard has been elected Head, Division of Pharmacy, effective January 1, 2000. The College recently revised its organizational structure which, among other changes, merged Pharmacy Practice and Pharmaceutical Sciences into one division. The College will now have only two Divisions; Pharmacy and Nutrition & Dietetics.

General Faculty News:

The most exciting news is that the University of Saskatchewan Council has unanimously approved the new curriculum to our undergraduate pharmacy

program, including our new admission procedure. Congratulations to Dr. Linda Suveges who has led us through this very important process and the rest of the members of the Pharmacy Curriculum Reform Task Force Committee.

The Pharmacy Program of the College, which recently underwent an CCAPP accreditation review last October, is undergoing another review. The Systematic Program Review of the University of Saskatchewan will evaluate both the Pharmacy and Nutrition undergraduate and graduate programs in March 2000.

Congratulations to Dr. Jim Blackburn! Not only has he been appointed Professor Emeritus of Pharmacy, but he is also the recipient of the Janssen-Ortho 1999-2000 Distinguished Service Award.

Dr. Adil Nazarali has been appointed to the Editorial Board of the Journal of Cellular and Molecular Neurobiology for a two-year term.

New Grants and Awards:

Dr. Phyllis Paterson has been awarded a grant from the Saskatchewan Elk Breeders Association, valued at \$10,000, for a project entitled, "Elk Velvet Antler: A Natural Product for the Treatment of High Blood Cholesterol Levels and Blood Clotting Disorders". Co-researchers include Drs. ME Lyon (principle investigator), AW Lyon and S. Rutledge Harding.

Visitors:

Dr. Terry Montague and Ms. Ginette Bernier from Merck Frosst Canada, Inc., visited the College on January 18th. Dr. Montague gave a lecture to the third year pharmacy students entitled "Ethical Issues as Seen by Funders - A Private Sector Perspective." Dr. Manny Papadimitropoulos from Eli Lilly Canada, Inc. visited the College on November 4th, 1999.

UNIVERSITY OF MANITOBA

General Faculty News:

Dr. George Zhanel completed a lecture tour (Nov 6-12, 1999) of Egypt, Lebanon, Jordan, Kuwait, Qatar, Dubai and Abu Dhabi discussing antibiotic resistance in North America.

Following his eighteen month secondment to the Therapeutic Products Program in Ottawa, Dr. Colin Briggs continues his appointment with Health Canada as a Senior Science Advisor with special responsibility for complementary medicines. He coordinates the Expert Advisory Committee on Complementary Medicines, which will be meeting in February 2000 to discuss monograph standards for herbal products with therapeutic use.

Dr. Lavern Vercaigne was the recipient of a Teaching Merit Award from the University of Manitoba, recognizing teaching excellence among the "Life Sciences, Natural Sciences, and Engineering" faculties.

Dr. Lavern Vercaigne and Dr. Sheryl Zelenitsky received a grant from the Canadian Kidney Foundation (Manitoba Branch) for a project entitled "Activity of antibiotic/heparin-locks against methicillin resistant *Staphylococcus epidermidis* in hemodialysis catheters."

Drs. Ruby Grymponpre, Lavern Vercaigne, and Colleen Metge received a grant from the National Health Research and Development Program (NHRDP) for a project entitled "Evaluation of the Provision and Impact of Pharmaceutical Care on Physicians and the Elderly".

UNIVERSITY OF MONTREAL

General Faculty News:

Dr. Robert Goyer, Dean, has been elected in his capacity as foreign correspondent at the Académie Nationale de pharmacie.

On October 29, 1999, a ceremony has been held to pay homage to the 60 undergraduate and graduate students, recipients of excellence awards and fellowships offered by pharmaceutical companies, professional groups, the Faculty of Pharmacy and the Hélène Viel-Stonebanks Foundation.

Dr. Albert Adam has been nominated the 1999-2000 Award winning Pharmacy Professor by the Council for Advancement and Support of Education (CASE).

Ms Marie-Claude Vanier has been appointed clinical professor, effective January 2000.

Nouvelles subventions de recherche / New grants:

Pierre Moreau received funding from Knoll AG, Germany for two projects :

«Role of endothelin in hypertrophic remodeling»

«Interaction between Angiotensin II, Norepinephrine, Endothelin and Nitric Oxide in the control of vascular protein synthesis»

Prix d'excellence / Recognition Awards:

Pierre Moreau received the Irbecartar research Award from Bristol-Myers Squibb, Canada.

MEMORIAL UNIVERSITY OF NEWFOUNDLAND

General Faculty News:

The Senate, Memorial University of Newfoundland, has approved the proposal of the establishment of a Ph.D. program in the School of Pharmacy.

Mr. Wu Xiao completed the M.Sc. degree under the supervision of Dr. Hu Liu.

At the recent PDW, our undergraduate students for the first time have presented and succeeded in a bid for holding the PDW 2002 in St. John's, NF.

Also for the first time, a student from Memorial, Roland Halil, has become President of national CAPSI.

UNIVERSITY OF BRITISH COLUMBIA

General Faculty News:

John McNeill was awarded the first "Ken Bowman Award for Cardiovascular Research" by the Institute of Cardiovascular Sciences, University of Manitoba for lifetime achievement in cardiovascular research. John presented an award lecture entitled "Vanadium as an insulin-enhancing agent: Effects on models of hypertension, cardiomyopathy and diabetes" September 8, 1999 at the Institute.

Janice Moshenko was appointed as the new Director of Continuing Pharmacy Education for British Columbia effective September 15, 1999. Janice brings much experience and many skills to the position and will provide the necessary leadership in this important role for the Faculty and for the licensed practitioners of the College of Pharmacists of B.C. Janice retains her appointment as Lecturer in the Division of Pharmacy Practice.

Kishor Wasan was one of the co-authors/co-presenters of the American Association of

Pharmaceutical Scientists' Education Anytime Electronic Initiative flagship online/CD-ROM short course entitled, "Formulating with Lipids". This course was selected for the "Association's Advance American Honour Roll", a national awards competition sponsored by the American Society of Association Executives (ASAE), Washington, D.C.

David Hill received the Past President's Award in recognition of service as the President of the British Columbia Pharmacy Association for the 1998-1999 term.

Barb Appleton received the Past President's Award in recognition of service as the President of the College of Pharmacists of British Columbia for the 1998-1999 term.

Sharon McKinnon and Kevin Moody each received the College of Pharmacists of British Columbia Certificate of Honour in recognition of their outstanding contribution to pharmacy at a provincial, national and international level, exertion of a beneficial influence on pharmacy practice, pharmacy education, College affairs, health care, government, the public or the profession of pharmacy and service in the above noted capacities for 7 to 10 years.

Rola Khalil-Priatel received the British Columbia Pharmacy Association (BCPhA) Achievement Award provided to a BCPhA member who has attained a high profile in the profession and the community at large through public speaking, school career nights, community health fairs, volunteering, inter-professional relations, and public awareness by counseling and promotion.

Sharon McKinnon, Bev Harris and Roy Scherrer each received the British Columbia Pharmacy Association (BCPhA) Certificate of Recognition - Distinguished Service presented to a BCPhA

member that has served either on a BCPhA committee or the Board of Directors.

Ted Lakowski received a Postgraduate Pharmacy Fellowship from Merck Frosst for the period, September 1, 1999 to August 31, 2000 to work with Ron Reid.

Kishor Wasan was selected as the new chairperson of the American Association of Pharmaceutical Scientists' Parenteral Lipid-Based Drug Delivery Systems Focus Group from November 1999 to October 2001.

Retirements:

Jim Orr, Associate Professor of Pharmaceutics and Biopharmaceutics, has taken early retirement effective December 31st, 1999. Dr. Orr joined the Faculty in 1977 and was tenured in 1982. He was promoted to Associate Professor in 1988. Jim was involved in research collaborations with several faculty members during this time and was an active teacher in pharmacokinetics at both the undergraduate and graduate levels. He served with distinction in the administrative role of Associate Dean, Undergraduate Programs, for a 9.5-year period from 1986 to 1996. Like his predecessors he established a distinctive role in this capacity. The functions of this position are extremely demanding and Jim maintained it all with a strong commitment to the undergraduate programs of the Faculty and a demeanor that allowed each student to comfortably approach him with their concerns. He achieved a tremendous amount of work in this capacity and went a long way in computerizing the large data base functions necessary to maintain the statistical information that had to be generated annually for the Faculty and pharmacy community at large. The Faculty looks forward to continuing interactions with Jim for many years to come in his new status as Associate Professor Emeritus.

New Grants Sept-Dec 1999:

Kishor Wasan received a grant from the National Cancer Institute of Canada-Clinical Trials Group, for the period, May 1st, 1999 to June 30th, 2000 for their project entitled, *"The Influence of Letrozole on Serum Lipid Concentrations in Women with Primary Breast Cancer who have completed five years of adjuvant Tamoxifen"*.

Rubina Sunderji received Heart & Stroke Foundation of BC support, for the period, July 1st, 1999 to June 30th, 2000 for her project entitled, *"A Randomized trial of outpatient self-adjusted versus physician-managed oral anticoagulation"*.

Kishor Wasan was awarded a grant from the Eisai Research Institute, for the period, November 1st, 1999 to April 30th, 2000 for his project entitled, *"An Ascending Dose, Placebo-Controlled, Blinded Safety and Tolerability Study of E5564: In vivo lipoprotein distribution"*.

Grant Renewals Sept-Dec 99:

Helen Burt received a grant from MRC for the period, April 1st, 1999 to March 31st, 2000 for her project entitled, *"Crystal-induced inflammation: neutrophil activation by crystals"*.

Helen Burt received funding from various sources for the period, April 1st, 1999 to March 31st, 2000 for service contracts.

John McNeill received a grant from MRC, for the period, April 1st, 1999 to March 31st, 2000 for his project entitled, *"Mechanisms Involved In The Insulin-Like Actions Of Vanadium"*.

John McNeill was awarded a grant from the Heart & Stroke Foundation of BC, for the period, July 1st, 1999 to June 30th, 2000 for his project entitled, *"Insulin and Hypertension: Role of Altered Vascular Biology"*.

Brian Rodrigues received funding from Canadian Diabetes Association, for the period, July 1st, 1999 to June 30th, 2000 for his project entitled, “*Regulation of cardiac lipid metabolism by lipoprotein lipase during diabetes*”.

Keith McErlane received funding from the USA, Food and Drug Administration for his study on “*Administration of amoxicillin to Atlantic Salmon and analysis of muscle tissue concentrations*”

Gail Bellward received MRC funding for the period, April 1st, 1999 to March 31st, 1999, for her project entitled, “*Mechanisms of control of the hepatic cytochrome P-450 drug metabolism enzymes*”.

Bruce Carleton was awarded funding from the BC Ministry of Health, for the period, April 1st, 1999, to March 30th, 1999, for his project entitled, “*Policy Trial Project*”.

John McNeill was awarded a grant from MRC, for the period, April 1st, 1999 to March 31st, 1999, for his project entitled, “*Vanadium compounds as insulin mimetics in the treatment of diabetes*”.

Kishor Wasan received a grant from Tilak Technologies, for the period, January 1st, 1999, to December 31st, 1999, for his project entitled, “*The discovery and characterization of lipid transfer inhibitor protein*”.

Steve Shalansky received funding from DuPont Pharma, for the 1999-2000 period for his project entitled, “*A prospective randomized comparison of community pharmacy and physician-based warfarin management*”.

Ron Reid received MRC funding for the period, April 1st to September 30th, 1999 for his project

entitled, “*Engineering structure/function relationships in the helix-loop-helix cation binding motif and domain*”.

Wayne Riggs was awarded a grant from MRC for the period, April 1st to March 31st, 2000 for his project entitled, “*Stereoselective pharmacokinetics and pharmacodynamics of fluoxetine and its metabolites during pregnancy*”.

Kishor Wasan received MRC funding for the period, April 1st to March 31st, 2000 for his project entitled, “*The role of serum lipoproteins in modifying the toxic effects of hydrophobic drugs*”.

Kishor Wasan received funding from Tilak Technologies, for the period, September 1st, 1999 to December 31st, for his project entitled, “*The discovery and characterization of lipid transfer inhibitor protein*”.

UNIVERSITY OF TORONTO

Faculty News:

Sandy Pang has been representing our Faculty around the world! She was invited to present a paper “Distribution-in-space modeling of drugs and metabolites” in September in Manchester England. In October, she presented “Multiple indicator dilution technique in liver diseases” at the Canadian Association for the Study of Liver Diseases at Kanaskas Lodge and, this month (January, 2000) “Distributed in space modeling of zonal transport and zonal metabolism” at the Department of Pharmacology, Chinese University in Hong Kong.

Sandy Pang was honored in New Orleans for her Professional Excellence in Pharmaceutical Sciences. She was named a 1999 Fellow to the American Association of Pharmaceutical Scientists.

Peter Wells presented “Reactive oxygen species

and oxidative damage in chemical teratogenesis” at the NIEHS Center for Developmental and Molecular Toxicology, University of Wisconsin, Madison in November and at the Department of Pharmacology and Toxicology, University of Western Ontario in September. In November, Peter presented “Reactive oxygen species, embryonic DNA oxidation and DNA repair in chemical teratogenesis” at the 30th anniversary symposium on the Li-Fraumeni Syndrome and the p53 Tumor Suppressor Gene, in Toronto.

Jana Bajcar will receive a CSHP Fellow Award at the Canadian Society of Hospital Pharmacists annual Professional Practice Conference on January 31, 2000. At the same conference, **Alice Tseng** and **Michelle Foisy** will receive the Bristol-Myers Squibb Award (Clinical Programs) and **Scott Walker** will receive the Baxter Award (IV Therapy, Health Care Settings) and the Schering Award (Pharmacokinetic Research). Congratulations to all these winners.

A number of our clinical faculty members and alumni from the Pharm.D. Program are presenting papers at the Professional Practice Conference in Toronto.

Lesley Lavack and **Lisa Dolovich** are part of an exciting project, coordinated by Connie Sellors (a professional practice laboratory assistant). Senior Medication Assessment Research Trial or SMART is funded by the Health Transition Fund (\$677,860). The SMART project will be completed by October, 2000.

Heather Boon has a role in obtaining a \$100,000 grant from the Change Foundation to establish an evidence-based database of complementary and alternative products and therapies. Those involved hope to develop an excellent resource base for health care professionals. Heather is chairing the scientific advisory panel and is looking for

academics and health care professionals who may be interested in helping review material for the database.

Lalitha Raman-Wilms has been invited to participate, on February 8th, in Showcase 2000, sponsored by the Provost’s office and Information Technology.

Mary Helen Mehta, Oncology liaison Pharmacist at Mount Sinai, recently received one of several Karen McGibbon Awards of Excellence. This Award is given to staff who have demonstrated excellence in patient care as well as commitment to team work at the hospital. Mary Helen is currently the Faculty liaison to the Ontario Branch of the Canadian Society of Hospital Pharmacists, a member of the Admissions Committee and a SPEP preceptor at Mount Sinai.

Commitment to Care Award winners this year included **Alice Tseng** and **Michelle Foisy** for Hospital Pharmacy (in recognition of their work in developing the Handbook of HIV Drug Therapy) and **Beth Sproule** (Honorable Mention) for her Charitable Work.

Lalitha Raman-Wilms was interviewed by Health News (a publication of the University of Toronto, Faculty of Medicine). Her input was featured in a Feature Article: “It’s estimated that half of all people don’t take prescription drugs properly”.

Appointments:

Dr. Peter Wells has been appointed to the Grant Review Group, Subcommittee E, Prevention and Control, National Cancer Institute, NIH (2001-04) and to the Novartis, Merck Frosst and Bio-Mega Award Committee, Pharmacological Society of Canada (1999-01).

All the Best!

Jim Mann began his new position as Senior

Director of Professional Affairs with the Canadian Pharmacists Association, effective January 24. Jim will be working out of Ottawa. All the best as you move and begin this new venture, Jim!

Merrylee Greenan (Administrative Assistant for Graduate Studies) terminated her employment with the Faculty of Pharmacy on January 5. We wish her all the best as she begins a new job with Staff Development.

Student News:

Christopher J. Nicol (Pharmacology) completed his Ph.D. under the supervision of **Dr. Peter Wells**. His thesis title was "Genotypic and phenotypic determinants of differential susceptibility to birth defects initiated by phenytoin and benzo[a]pyrene".

Winnie Jeng, a doctoral student, received one of the student travel awards from the Society of Toxicology, in the amount of US\$840.

Congratulations to Meena Zala on winning the 1999-2000 CAPSI/Apotex PACE *Student Literary Challenge* Award for the University of Toronto.

The PDW 2000 Chairs, Marcia McLean, Melanie Paul and Nick Krawczuk, along with so many other students volunteers, hosted one of the best ever PDW conferences. Over 700 students from across the country attended the three day event.

Hot Off the Press:

Nicol, CJ, Zielenski, J, Tsui, L-C, and **Wells, PG** "An embryoprotective role for glucose-6-phosphate dehydrogenase in developmental oxidative stress and chemical teratogenesis" *FASEB J.* 14:111-127 (2000).

Dubins, DN, Filfil, R, **Macgregor, RB, Jr.,** and **Chalikian, TV** "The Role of Water in Protein-Ligand Interactions: Volumetric Characterizations of

the Binding of 2'-CMP and 3'-CMP to Ribonuclease A" *J. Phys. Chem. B* 104, 390-401 (2000).

David Hampson published a manuscript entitled "Inhibition of microtubule formation by metabotropic glutamate receptors" (Huang X-P and Hampson D.R.) *J. Neurochemistry*, January 2000.

Vinita Arora published a manuscript entitled "The Newest of the Atypical Antipsychotics" (Colella, R and Arora, V.) *CJHP*, December 1999;52 (6): 380-6.

CPhA Board of Directors Report

January 2000

As the new year begins, I am pleased to have the opportunity as a member of the CPhA Board of Directors to report on some of our accomplishments in 1999 and to look ahead to activities for the year 2000. As well, I will report on the Board of Directors meeting held in October 1999.

I encourage you to contact me if any of the topics in this report are of particular interest to you as I rely on your advice and comments to better represent your interests at the Board table. Such dialogue will help me to bring forward those professional and economic issues affecting your day-to-day pharmacy practice. The next Board of Directors meeting will be held in Ottawa, February 19-20, 2000.

Pharmacist Shortage

CPhA is convening a meeting of pharmacy stakeholders February 15 in Ottawa to discuss concerns over the national pharmacist shortage. It is expected that a proposal will be developed for a national manpower study to bring about a clearer

understanding of the problem and its causes, as well as to develop better methods of forecasting.

Human Resources Development Canada (HRDC) will be represented at the meeting as CPhA hopes to obtain its support to conduct the labour market study.

Bill C-6 - Personal Information Protection and Electronic Documents Act

Bill C-6 (formerly Bill C-54), the Personal Information Protection and Electronic Documents Act, remains a major concern for health providers and CPhA continues its advocacy efforts in regard to the way in which this bill affects pharmacists.

As front-line professionals, pharmacists probably would be expected to obtain consent for uses of data ranging from claim adjudication of prescription with the insurers to drug use review and discussion with physicians about the medication itself. Failure to obtain express consent at the time of transaction would mean that the data would not be available for research purposes or post-marketing surveillance. It is obvious that time and effort must be dedicated to obtain consent and this would add to the cost of health care.

After considerable lobbying efforts by CPhA and other healthcare organizations, we are pleased that the Senate Committee has recommended a two-year suspension, along the lines of that recommended by CPhA, in the application of Bill C-6 to personal health information. This will have to be adopted by the rest of the Senate and therefore we have to continue to meet with as many Senators as possible to ensure the amendment goes through the Senate and on to the House.

CPhA's Awards Program

CPhA has established an ad hoc committee to review the CPhA awards program to ensure its relevance and vitality to CPhA and its members.

The ad hoc committee presented an interim report in October with the final report containing detailed recommendations to be presented to the Board in February.

In the meantime, CPhA's current awards program will continue. Information on CPhA awards and how to nominate candidates was mailed to all members in December. The deadline for nominations is March 2, 2000.

Market Research Survey of Pharmacists

CPhA's recent survey of 800 pharmacists across Canada has provided the Association with an excellent benchmark against which we can measure our current and future activities against the needs of you, the member. The survey handed out a clear message that we are doing a good job and we are on the right track, but must better communicate the impact and value of our efforts to represent individual pharmacist needs.

The results of the survey will help CPhA to better target our communication to focus on the key concerns, distinct needs and preferences of various membership segments, i.e. new pharmacists, owner/managers, staff pharmacists, etc. This will enhance CPhA's value to our members and potential members.

Strategic Planning/Budgeting

One of the most difficult tasks for a national association is to link strategic planning to the budgeting process. This process helps to make strategic planning come alive. We are pleased that our initial efforts have proven successful and that we were able to link the activities proposed to meet our strategic objectives to our budget for 2000.

This exercise also highlighted the need for a new strategic objective: Leadership - *To provide national leadership on pharmacy related issues.*

This new strategic objective will be incorporated into CPhA's strategic plan.

CPhA's Committees

The Board continues to examine a variety of options to improve the effectiveness of our committees. Our Strategic Planning Committee will investigate some of these options in greater detail and will bring recommendations to the Board in February 2000.

Y2K and the Pharmacy Supply Chain

The pharmacy world seems to have entered the new millennium without a hitch, perhaps a credit to the past year's preparations. CPhA participated in the Pharmacy Supply Chain Task Force which advised Canadians against the hoarding and stockpiling of medications that could cause a greater threat to the availability of medications than Y2K problems.

Additionally, CPhA developed and distributed a guide across the country presenting pharmacists and physicians with a systematic approach for addressing the impact of drug unavailability and its subsequent management.

CPhA will continue to monitor drug availability during the coming months because for many companies the full impact of Y2K will not be known until 18 months have passed as this is the lead time they need to secure raw materials from a variety of sources. The guides prepared will still be useful in the event of any specific critical drug shortage and in the education of young pharmacists.

Therapeutics Products Program (TPP): Health Canada

Jeff Poston, Noëlle-Dominique Willems and Janet Cooper met with Dann Michols, Director General TPP and some of his staff. It was a productive meeting, and the intent is to meet every six months. Some of the topics addressed included DTCA,

prescriptive authority, HPB legislative renewal, electronic prescriptions, emergency contraception and natural health products. CPhA will also try to meet with the new Executive Director of the Office of Natural Health Products.

CPhA/CSHP National Pharmacy Forum

The Planning Committee for the Forum will meet on February 14, 2000 by conference call and will select two topics for the 2000 Forum. Topics currently under consideration include: Privacy and Confidentiality; Pharmacy Human Resources' Pharmacist Mobility/Reciprocity; Suggested Fee Guide for Pharmacy Services; Direct to Consumer Advertising (DTCA); Ethics and Values; Internet Pharmacy; Empowering Pharmacists (Workplace Issues); Alternative Reimbursement; Primary Care and Competency Assurance.

Conference 2000 – Saskatoon, June 25-27, 2000

A preliminary program will be mailed to all CPhA members in early February. It will include all of the programs and speakers and the social programs; and will contain a conference registration form. AFPC will be meeting with CPhA this year, and the University of Saskatchewan is holding a major Alumni Reunion in conjunction with the Conference.

If you have any questions or comments, please do not hesitate to contact me.

Keith J. Simons, Ph.D.

Board Member for Academia

(204) 474-9630 FAX: (204) 474-7617

simons@ms.umanitoba.ca

AFPC/CCCP Conference 2000

Call for Abstracts

All researchers in the pharmaceutical sciences and pharmacy practice are invited to submit abstracts to be considered for POSTER presentations at the AFPC portion of the CPhA/AFPC Conference in Saskatoon, June 24-26, 2000. **Abstracts prepared on the AFPC WEB page must be received by Monday, April 3, 2000.** Successful applicants will receive notifications of poster acceptance by April 19, 2000.

Instructions to authors for abstract submission

Only abstracts that conform to the prescribed format outlined below will be accepted. Abstracts that do not follow this format may be returned to authors for correction, if time permits. Abstract dimensions (found on AFPC WEB page) are 6.5 inches horizontal x 4 inches vertical. Please do not extend outwith this area. The following instructions must be observed:

1. Abstracts should be informative outlining study objectives, statement of methods, summary of results and statement of conclusions.
2. The preferred size and typeface are 10-point Times New Roman or Times.
3. Abstracts should be typed single space and right-justify margins.
4. Title of paper should be typed in ALL CAPS in same size type and should be left-justified. Name and addresses of authors should be typed in upper and lower case. The main text of the abstract should be typed in upper and lower case.
5. Please begin new line for authors' names and new line for authors' addresses. Do not indent. Include full first name, middle initial, last name (in that order), and affiliation for all authors. Indicate author affiliations by superscripts if authors are from more than a single affiliation. Each author should be separated by a comma.
6. Please underline name of presenting author.
7. Please leave a space between the affiliations and the text of the abstract.

8. The use of diagrams and figures is not permitted. All figures should be written as text where necessary.
9. One space should be left between new paragraphs. No indentations should be made.

Forward submission by April 3, 2000 via the AFPC WEB page. If you do not receive a confirmation of receipt of abstract email, please contact Dr. Adil Nazarali at (306) 966-6334

Dr. Adil Nazarali
College of Pharmacy and Nutrition
University of Saskatchewan
110 Science Place
Saskatoon SK S7N 5C9
Fax: (306) 966-6377
E-mail: Nazarali@duke.usask.ca
www.pharmacy.ualberta.ca/afpc

Contributors

David Hill, President

AFPC Councillors:

Alfred Remillard, U of S

Pierre Bøllanger, U Laval

Karen Farris, U of A

Simon Albon, UBC

Zubin Austin, U of T

Susan Mansour, Dalhousie U

Sylvie Marleau, U de

Montréal

Lavern Vercaigne, U of M

Lili Wang, Memorial U

Jim Blackburn,

Executive Director

Keith Simons,

AFPC Representative,

CPhA Board of Directors

Editor

Rebecca M. Law,

Memorial University of Nfld.
