



September 1999

Volume 11, No. 1

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President's Message

What's On the Horizon for AFPC

At our June annual conference and meetings, the executive and council considered several issues that have been under development by AFPC for a number of years as well as a couple of new initiatives that will be vitally important to this organization and academic pharmacy in Canada in the near term.

To follow-up on the work to define educational outcomes and levels and ranges of performance in the B.Sc. pharmacy graduate, AFPC council wishes now to develop a support reference for Canadian schools that will assist faculty with criteria for assessment of students in these educational outcomes and competencies and as well to identify suitable instruments for student assessment. During the coming year, AFPC will be

approaching various sources to assist in funding the assessment project.

At the beginning of the summer, I received the first draft of the *AFPC History Book* from co-editor Dr. Bernie Riedel. This project was started several years ago to commemorate the 50th anniversary of the founding of AFPC. Dr. Riedel and Dr. Ernie Stieb were appointed co-editors and, along with many other contributors, devoted many hours to research and write the history of this organization. With the completion of final editing and printing, we hope to have the book ready for distribution in early 2000. The *History Book* project was supported through a generous grant from Hoffmann-LaRoche Canada Ltd.

AFPC, through council member Lesley Lavack, has been a participant in the drafting of a discussion paper on a *national pharmacare program*. The Canadian Pharmacy Coalition on Pharmacare is a consortium of a large number of provincial and national voluntary organizations brought together by the Canadian Pharmacists' Association. This discussion paper is intended to offer the federal government a consensus pharmacy perspective on some features and standards for a national drug program. The

Coalition's discussion paper will probably be completed by late 1999 or early next year.

The debate concerning the appropriate degree designation and curriculum for pharmacy school graduates in Canada has started. Should the *entry-level Pharm.D.* replace the B.Sc. degree in Canada as the educational qualification for the professional curriculum in pharmacy as now is the case for US pharmacy graduates? AFPC and members of the academy are facilitating this debate within the profession in Canada through several initiatives. Drs. Don Perrier (Toronto) and Mo Jamali (Alberta) participated in a lively debate on the pros and cons of this question at the CPhA conference in London, ON in May. Dr. Wayne Hindmarsh (Toronto) gave a presentation at the CSHP annual meeting in Saskatoon in August on the pace of change in Canadian pharmacy education and some of the key issues under consideration by our schools. Dr. David Fielding (UBC) informed council of a survey to be conducted to measure need and support for the *entry-level Pharm.D.* in BC. AFPC has also drafted a background paper that is intended to summarize the main issues and implications of the Pharm.D. question for the broader profession in Canada. This background paper

will be widely distributed via our website and in a printed version within and outside the profession over the coming months to assist others in becoming more knowledgeable about this issue. Clearly, the debate on this question is extremely important to pharmacy schools and input from the many segments of our profession must be encouraged in order that the most prudent future educational path for our graduates can be laid out.

Over the past year, AFPC has made efforts to improve communications with several important pharmacy organizations that have close connections to our work. The Canadian Association of Pharmacy Students and Interns (CAPSI) is one of these groups and we are committed to inviting CAPSI input to our policy initiatives, distributing our various communications to CAPSI, and meeting with their council on a more regular basis.

Finally, AFPC made a major change in 1999 in the way it obtained revenue through fees from its members. Each school is now assessed a fee that includes both the fee for the institution as well as for all faculty wishing to be members of AFPC. This change will help to stabilize revenues and permit the organization to engage in more ambitious work for our schools and faculty. In 1999-2000, council and the executive will try to further refine its financial plan by securing some additional sources of revenue. It is important that projects such as the determination of assessment criteria/methods, our website,

improvements to our awards program, representation to various pharmacy organizations on policy planning initiatives, and the detailed study of the entry-level Pharm.D. issue be appropriately funded in order to provide good value back to AFPC members.

David Hill

Executive Director's Corner

A landmark September is upon us as faculty members across Canada begin the year in which we will be graduating the first pharmacy class of the new millennium! The debate continues whether 2000 or 2001 begins the new millennium, but regardless, it is a new century and the first year that begins with 2!

It is also a significant milestone for AFPC as we welcome all faculty members who have at least 0.2 FTE faculty responsibilities as active members of the Association of Faculties of Pharmacy of Canada. Due to the enhanced financial support from our faculties through the Deans, everyone meeting the 0.2 FTE requirement now is a full member of our organization. It places added responsibilities on AFPC as we must ensure that we are meeting our mission *to develop and implement policies and programs which will provide a forum for exchange of ideas, ensure a liaison with other organizations, and to foster and promote excellence in pharmacy education and research in Canada.*

During the last two years, AFPC has established educational outcomes for both the

Baccalaureate and Doctor of Pharmacy programs. AFPC representatives have also worked in close association with the National Association of Pharmacy Regulatory Authorities, the Canadian Council for Accreditation of Pharmacy Programs, the Pharmacy Examining Board of Canada and all other national pharmacy organizations to integrate these outcome statements with the guidelines and competency statements for education and entry level practice prepared by those organizations.

We now have a responsibility to develop programs and provide a forum for exchange of new approaches to education among all faculty members so that we can assist the nine individual pharmacy programs in meeting these educational expectations. We also require dialogue to determine mechanisms to assess student progress to achieve desired outcomes. AFPC must work to ensure all pharmacy faculty have input into the rapidly changing developments in health care education.

The AFPC/CCCP Conference in Quebec City concluded a very successful AFPC year under the excellent leadership of President Ingrid Sketris. Thanks Ingrid, for your continuing commitment to AFPC and for stepping in at the last minute to assume my responsibilities in May and early June.

The 1999-2000 AFPC Executive and Council

Executive:

President: David Hill, University of British Columbia
President Elect: David Fielding, University of British Columbia
Past President: Ingrid Sketris, Dalhousie University
ADPC Representative: Dean Wayne Hindmarsh, University of Toronto

Council:

Executive Director: Jim Blackburn
Dalhousie University: Susan Mansour Memorial University of Nfld: Lili Wang
University of Alberta: Karen Farris University of British Columbia: Simon Albon
UniversitJ Laval: Pierre BJlanger University of Manitoba: Lavern Vercaigne
UniversitJ de MontrJal: Sylvie Marleau University of Saskatchewan: Fred Remillard
University of Toronto: Lesley Lavack

Our sincere gratitude is expressed to outgoing Past President, Don Perrier and Council Members Marc DesgagnJ and Krishnan Tirunellai for their active participation in the leadership of AFPC over the past several years. They have devoted their precious time and expertise to serve our association and we look forward to their continuing involvement in AFPC.

AFPC 1999 AWARDS - Recognizing Excellence!

Janssen-Ortho Pharmaceutical Research Award: Dr. Jack Diamond,
University of British Columbia

This award was presented by Mr. Walter Masanic from Janssen Ortho

Astra Pharma-AFPC New Investigator Research Award: Dr. Shirley Wu
University of Toronto

This award was presented by Mr. Doug Ballingal from Astra/Zeneca

Merck Frosst Postgraduate Pharmacy Fellowship Awards:

Julien Braun Award - Isabelle MJnard
UniversitJ de MontrJal

James E. Frosst Awards - Theodore Lakowski
University of British Columbia

Gregory Man Kai Poon
University of Toronto

These awards were announced and Mr. Fares Attalla and Ms. Ginette Bernier from Merck Frosst were present at the announcement.

Roche Graduate Student Research Award: Jean-FranHbis Bouchard
UniversitJ de MontrJal

This award was presented by Mr. Andre Boisvert from Hoffmann-La Roche.

Canadian Foundation for Pharmacy Student Poster Awards:

Univ. of British Columbia -	Hin Hin Ko	Univ. of Alberta -	Zhongping Mao
Univ. of Saskatchewan -	Kim Wlodarczyk	Univ. of Manitoba -	Bassam Elmadhoun
Univ. of Toronto -	Toufan Parman	Univ. de Montreal -	Patrice Lammare
Dalhousie University -	Trevor Simmons	Memorial Univ. -	Deepak Kini

CFP National Poster Award Winner: Toufan Parman
University of Toronto

These awards were presented by Mr. Fares Attalla, Board member from the Canadian Foundation for Pharmacy.

Apotex-PACE Undergraduate Pharmacy Practice Research Awards:

	<i>Undergrad Student</i>	<i>Faculty Supervisor</i>	<i>Practitioner Supervisor</i>
Alberta	Sunita Stenton	Karen Farris	Dwayne Samyca
Dalhousie	Jennifer Blundell	Joanne Wilson	Kathy Slater
Manitoba	Sheila Lightly	R. Grymonpre & L Vercaigne	Morna Cook
Saskatchewan	Jeremie Hallett	J. Taylor & P. Melnyk	Ron Mack
Toronto	Roger Tam	J. D Jasper	Martha Bailkowski

These awards were announced at the AFPC/CCCP Conference in Quebec City, June 10 - 13, 1999

The Bristol Myers Squibb Award for Excellence in Education was not awarded this year.

Visit the AFPC Website!

Thanks to the efforts of Karen Farris, Alberta Councillor and Sandra Hutt from the Canadian Society for Pharmaceutical Sciences, our website is rapidly developing to include relevant AFPC material. Please refer to the brief note on our website in this issue of Communications! Remember to visit our website - www.pharmacy.ualberta.ca/afpc.

Change in AFPC Office Address

I have now relocated the AFPC office to my home. Please make these changes to your address book:

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

We are always looking for feedback as to how AFPC can most effectively meet the needs of AFPC members. Please contact me in any of the above ways if you have suggestions!

Jim Blackburn

AFPC Website

www.pharmacy.ualberta.ca/afpc

AFPC has an informative web page that provides you with information about the organization, its awards, conferences and approved documents. We encourage each member to access the web page at www.pharmacy.ualberta.ca/afpc/ The Executive and Council who work for you are identified under General Information.

The 1999 AFPC Award winners are posted on the website under the Awards button. These awards include the Roche Graduate Student Award, James E. Frosst Postgraduate Pharmacy Fellowships, Julien Braun Postgraduate Pharmacy Fellowship Award, Janssen-Ortho Award (Senior Researchers) and the Astra-Pharma New Investigator Award. A special thanks to all of the financial supports of the Awards Program.

Several AFPC documents regarding curricular outcomes have been developed over the past three years and are available on the website in PDF format under the Educational Outcomes button. The document include (1) Educational Outcomes for a Post-Baccalaureate Doctor of Pharmacy Graduate in Canada, June 12, 1999, (2) Revised Educational Outcomes for a Baccalaureate Pharmacy Graduate in Canada, Final Report, May 28, 1998 and (3) Development of Levels and Ranges of Educational Outcomes Expected of Baccalaureate Graduates Final Revision Based on 1998 Consultation Process.

In the future, we intend to make the awards applications and meeting registration available over our web page. In addition, copies of Proceedings and Newsletters will be available on-line. Please visit the page at regular intervals for new information and progress made by the organization.

AFPC Affiliate Members

The affiliate membership fee of \$1000 provides support of the association, its mission & goals:

- Apotex Inc.
 - Astra Pharma Inc.
 - Bristol-Myers Squibb
Pharmaceutical Group
 - Canadian Drug Manufacturers
Association
 - Glaxo Wellcome Inc.
 - Hoechst Marion Roussel Canada
Inc.
 - Merck Frosst Canada Inc.
 - Novopharm Limited
 - Parke-Davis
-

Faculty Spotlight

Dalhousie University

The College is now entering the third year of its problem-based learning (PBL) curriculum. Year I is comprised of preclinical basic and biomedical sciences: organic chemistry, anatomy, physiology, biochemistry, microbiology and pharmacology. These are organized in sequential units of varying length from three to seven weeks each. While organic chemistry is taught didactically in 39 lecture hours, the other units are all presented in the PBL format, with students attending three or four hours of lecture and six hours of small group tutorials each week. A minimal number of science labs are used to assist student learning of some topics.

Years II, III and, eventually, the first term of Year IV, encompass integrated pharmacy learning units. Topics in Year II are nutrition, topicals (dermatological, eye and ear), respiratory conditions, infectious diseases I, gastrointestinal disorders, and pharmacy administration. In all but the last, students learn medicinal chemistry, drug metabolism, toxicology, pharmaceuticals, pharmacokinetics, pathophysiology, pharmacology and pharmacotherapeutics, together with ethical and social issues, in the context of clinical problems.

Year III topics are women's health, infectious diseases II, cardiovascular diseases, pain and rheumatology, CNS and behavioral disorders, and endocrine disorders. As in Year II, the units integrate the pharmaceutical sciences with clinical and social pharmacy.

Tutorials are facilitated by tutors who have undergone a rigorous two day training program in Socratic learning and group dynamics.

Students begin with a medical problem solving approach (Figure 1).

Figure 1.

- \$ Define unknown terms and concepts
- \$ Identify the problems and relevant facts
- \$ Generate hypotheses of causes and mechanisms (of medical problems)
- \$ Rank hypotheses
- \$ Test hypotheses using both current and newly researched data and/or knowledge
- \$ Rerank hypotheses
- \$ Retest hypotheses
- \$ Treat to manage problem
- \$ Throughout this process, students formulate their own learning issues

From here they progress to a pharmacy specific problem solving model (Figure 2).

Figure 2.

- \$ Define unknown terms and concepts
- \$ Identify the relevant facts and drug related problems
- \$ Generate hypotheses of causes and mechanisms (of health problems, drug related problems, drug action, etc.)
- \$ Generate desired pharmacotherapeutic outcomes
- \$ Rank hypotheses and outcomes
- \$ Test hypotheses/outcomes using both current and newly researched data and/or knowledge
- \$ Rerank hypotheses/outcomes
- \$ Develop a pharmacy care plan
- \$ Outline patient education, counselling, other pharmacy services
- \$ Evaluate care plan
- \$ Throughout this process, students formulate their own learning issues

From the beginning of Year II through the first term of Year IV, students receive a series of two hours of lecture a week on Critical Appraisal (CAS). This series is intended to help students:

- \$ develop critical thinking and problem-solving skills applicable to the clinical activities of a pharmacist
- \$ develop skills and knowledge of the concepts of evidence-based pharmacy practice
- \$ optimize their use of pharmacy and medical literature
- \$ learn statistical concepts, terminology and methods
- \$ develop skills complementary to and supportive of the PBL curriculum
- \$ develop and foster self-directed learning as a basis for life-long learning by promoting curiosity, humility, enthusiasm and dedication to assist patients with their DRP's and improve clinical outcomes

Initially, through CAS lectures and assignments, students learn to develop a structured, searchable and answerable clinical question based on a clinical scenario, and they are introduced to sources of drug and therapeutic information. Students are next introduced to the fundamentals of clinical research methodology and biostatistics. Emphasis evolves toward critical appraisal of drug and therapeutic information and toward application of biostatistics in study design and analysis techniques. As students develop these skills, they are expected to use the literature increasingly independently in the PBL units. Written and verbal communication skills are also developed. In Year IV students will be challenged to apply critical appraisal skills in increasingly complicated and realistic clinical scenarios.

In addition to lectures and tutorials, students also participate in a progressive skills laboratory from Year I through the first term of Year IV. Technical, communication and clinical skills are developed in a systematic manner, synchronized with the knowledge developed in the PBL units and with the critical appraisal skills developed in the CAS.

Beginning in the first term of Year II, the pharmaceutical care model of practice is developed and integrated throughout the PBL units and skills lab components of the curriculum. Students apply the pharmaceutical care model to PBL cases and in skills lab they practice components such as problem statement, documentation, monitoring and follow-up. A practice experience component is incorporated in

each year of the curriculum. In Year I students participate as volunteers in nonpharmacy community health-related organizations. Following Year II they spend two weeks in a community placement and two weeks in a hospital pharmacy placement respectively. After Year III, they experience a four week community pharmacy clinically-oriented placement. In the second term of Year IV students will spend six weeks in a hospital rotation and six weeks in a community rotation.

We have developed a comprehensive systematic plan for the continuous evaluation of the curriculum. Each curricular component is assessed by the students at its conclusion, and each weekly case is evaluated by students and tutors. The PBL units (content, organization and duration) are assessed by the tutors and students at the end of each year. Graduating students are surveyed at the time of graduation and one year hence. Faculty and tutors are evaluated by student questionnaires and comment sheets. The community experience and practice experience evaluations include student self-assessment, preceptor evaluations of student and program, and student evaluations of program, preceptor and site. Supervisors and employers will be asked to evaluate graduates within the first two years after graduation.

Grading is by a Pass/Fail system. Multiple methods are used to assess student knowledge and skills acquisition. Student performance and development is monitored by tutors, who provide both formative and summative assessment of use of reasoning, knowledge acquisition and integration, group skills and self assessment skills. A wide variety of assignments is used. Student knowledge is assessed by both multiple choice and short answer examinations. Overall learning and retention is measured by an annual progress examination administered simultaneously to all students in the program. Objective structured clinical examinations (OSCEs) will be introduced in 2001, although mini-OSCEs were already introduced in skills lab in 1998.

Faculty News

UNIVERSITY OF ALBERTA

General Faculty News:

Dr. Franco Pasutto became Dean of the Faculty effective July 1, 1999 and has reorganized the Faculty administration. **Dr. F. Jamali** is Associate Dean and his portfolio includes Faculty Research as well as Curriculum Development Committee. **Dr. Ed Knaus** is now the Director of Graduate Affairs and **Dr. John Bachynsky** is the Director of Undergraduate Affairs. In addition, **Dr. S. McQuarrie** and **Ms. S. Kelcher** are serving as Division Heads for Pharmaceutical Sciences and Pharmacy Practice, respectively.

Dr. Cheryl Wiens has joined the faculty as a Clinical Assistant Professor. Her specialty is geriatrics, and her practice will be at the University of Alberta Hospital in the Seniors Clinic as well as in on the Geriatric Assessment Team (GAT).

Mr. Terry Legaarden has recently joined the Faculty as its Faculty Development Officer.

Individual Faculty News:

Dr. Christine Hughes was honored to received the Bristol-Myers-Squibb Teaching Award voted by the pharmacy students for 1998-99.

Dr. Christine Hughes gave an invited talk to the Alberta Branch CSHP Annual Meeting entitled "Drug interactions in HIV: understanding their significance."

Dr. Ross T. Tsuyuki was named Director, Epidemiology Coordinating and Research (EPICORE) Centre, Division of Cardiology in the Faculty of Medicine and Dentistry. EPICORE is a health research resource centre with special emphasis on clinical trials and health services research.

Dr. David Wishart gave a talk entitled "NMR without NOEs -- How to Make the Most from Chemical Shifts" presented at the Gordon Research Conference in Computer Techniques in Biomolecular NMR, in Barga, Italy, June 1999.

Dr. David Wishart was awarded \$250,000 in salary support for his renewal of the Bristol-Myers Squibb Chair in Protein Chemistry. He was also a member of the Institute for Biomolecular Design that was

awarded \$5.5 million in July 1999 from the Canadian Foundation for Innovation. The latter funding is to form the Institute and run its core facilities.

Yunjun Wang successfully defended his PhD in June 1999. He is now a post-doctoral fellow at Stanford University at Palo Alto. Dr. Wang was the first graduate student of **Dr. David Wishart**.

Kee-Chan Ahn completed the M.Sc. degree under the supervision of **Drs. Coutts**, Greenshaw, and Baker.

Yao Peng successfully defended the thesis and received her doctorate degree. Her supervisor was **Dr. Y.K. Tam**.

Dr. Kenneth Skeith successfully defended his thesis entitled "Clinical pharmacology of NSAIDs" and received his doctorate degree. Her supervisor was **Dr. F. Jamali**.

Ms. Sheri Maddigan was awarded the Young Researcher Fellowship awarded by the Prix Galien. The \$15,000 award is sponsored by Maclean Hunter Healthcare. Ms. Maddigan also received a minor University of Alberta Scholarship. Her supervisor is **Dr. K. Farris**.

Mr. Simon Pickard was recently awarded the Parke-Davis Doctoral Fellowship. His supervisor is **Dr. J. Johnson**.

Ms. Lisa Schapansky and **Dr. J. Johnson**, along with co-investigators Drs. E. Toth, K. Farris and R. Tsuyuki, were awarded \$14,722 from the Canadian Diabetes Association for their project entitled "Impact of Community Pharmacists' Care on Self-Management in Type 2 Diabetes."

Dr. F. Jamali was an invited speaker at the National Pharmacy Forum at the Canadian Pharmacists Association Annual Meeting in London, Ontario. His talk was entitled "Entry Level Pharm D: a case for."

Dr. F. Jamali received funding from MRC for \$68,000/year for three years. The project funded will explore "Influences of inflammation on the pharmacokinetics and pharmacodynamics of cardiovascular drugs."

UNIVERSITE LAVAL

75th Anniversary of the Faculty:

The hallmarks of 1999 for our Faculty were the events underlying our 75th Anniversary. Under the presidentship of **Dr. Denis Gagnon**, B. Pharm., M.Sc., Ph. D. and ex-Vice-Rector of the University, the organising Committee sponsored four main events designed to mark the Anniversary. First, an opening cocktail was held on January 21 at the historic Catarauqui Domain followed by a special gathering for the past graduates of the Faculty at the Capitole with the entertainment of Bruno Pelletier, a promising local singer-writer rising star. This was followed by a delectable wine and cheese tasting held at the beautiful Manoir Montmorency on April 24. The final event will be the Ball scheduled for November 20 at the Chateau Frontenac.

During the last academic year, the Faculty hosted the PDW (Professional Development Weekend) in January and the joint meeting of the AFPC and of the Canadian College of Clinical Pharmacy in mid-June.

Historical Note:

Pharmacy training was provided as early as 1860 within the Faculty of Medicine at Laval but it is in 1924 that the University Council founded the School of Pharmacy which was at that time part of the Faculty of Arts until 1942 when it was affiliated to the Faculty of Sciences. In 1964, the School of Pharmacy became affiliated to the Faculty of Medicine and obtained the Faculty status in 1997.

New Appointment:

Mrs. Anne Dionne (B. Pharm., L. Ph., M. Sc.) has been nominated assistant professor at the Faculty in June 1999. She has obtained a certificate of excellence from the Board of Certified Oncology Pharmacist. She is responsible for the clinical clerkship of the undergraduate students and her research is in the area of pharmacy practice.

New Grants:

Dr. Jean-Pierre GrJgoire is co-authored of a grant entitled: *l'itude des facteurs associJs B la consommation des mJdicaments psychotropes chez les personnes agJes vivant dans la communautJ@* from the FRSQ (Fonds de la recherche en santJ du QuJbec) for the period of 1999-2001 to the amount of 84 431 \$.

Drs. Jean-Pierre GrJgoire and Jocelyne Moisan are the main authors of a grant entitled: *l'effet de l'opinion pharmaceutique sur l'observance des traitements antihypertenseurs et sur l'utilisation des soins de santJ@* from the FRSQ (Fonds de la recherche en santJ du QuJbec) for 1999-2000 to the amount of 24 831 \$.

Drs. Jean-Pierre GrJgoire and Jocelyne Moisan are the first authors of a grant entitled: *l'impact d'un programme d'intervention du pharmacien communautaire sur le contr^le de l'hypertension artJrielle@* from the FRSQ (Fonds de la recherche en santJ du QuJbec) for 1999-2000 to the amount of 15 000 \$.

Dr. Bettina Hamelin had a renewal for one year (1999-2000) of her grant entitled: *The role of gene polymorphisms and estrogens in women with coronary artery disease@* from the FRSQ (Fonds de la recherche en santJ du QuJbec) to the amount of 59 950 \$.

Dr. Bettina Hamelin has been awarded a grant of 10 000 \$ (US) from the American College of Clinical Pharmacy for a study of *AGender Specific Modulation of the Pharmacokinetics and Clinical Response of Metoprolol*.

Graduate Students:

One of our graduate students, **Mrs. Nathalie Rioux** (B. Sc., M. Sc.), was awarded the C. Gordon Van Arman Scholarship award (1 500 \$) for the oral presentation of her research study entitled: *AActivation of NF-kB and induction of COX expression by a tobacco carcinogen in human macrophages@* at the 4th World Congress in Inflammation held in June 1999 in France. Mrs. Rioux is presently completing her Ph. D. studies under the supervision of **Dr. AndrJ Castonguay**.

On Leave:

Dr. Jacques Turgeon is on leave at 75 percent of his time from the Faculty for the current year. He has been appointed senior Director of the Pharmacokinetic Section at Phoenix International Inc. (Montreal).

Dr. Bettina Hamelin is on 75 percent leave from the Faculty for the current year. She has been appointed Senior Research Scientist and Project Leader at Biochem Pharma Inc. (Laval, QuJbec).

UNIVERSITY OF SASKATCHEWAN

Appointments:

Dr. Linda Suveges has been appointed Assistant Dean of Undergraduate Affairs for a 2 year term. Dr. Susan Whiting is the Assistant Dean of Graduate Studies and Research.

Carol Henry has been appointed as Assistant Professor in the Division of Nutrition and Dietetics, effective January, 2000. Professor Henry will teach in the area of Foodservice Management.

Jian Fang, Jennifer Smith and Colleen Olson have been appointed to teaching positions in the Pharmacy Program while Doreen Walker and Melanie Rozwadowski will be instructors in the Nutrition Program for the coming year.

Retirement:

As of July 1st, 1999, Dr. Jim Blackburn, former Dean of the College has somewhat retired. As we all know, Jim will continue as our AFPC Executive Director.

Resignations and Leaves:

Dr. Hugh Semple, Associate Professor of Pharmacy has resigned from the College effective June 30th. We all wish him well in his new endeavors.

Dr. Alison Stephen has been granted a leave of absence effective September 1, 1999, to take up a position as Director of Nutritional Sciences, CANTOX Health Sciences International, in Mississauga.

General Faculty News:

The College will undergo an accreditation review this fall. The Canadian Council for Accreditation of Pharmacy Programs will be visiting the College from October 5-8.

Construction of the new Patient-Focused Professional Skills Teaching Facility will be completed by the middle of October.

The College has submitted a revised pharmacy program curriculum and is waiting to hear approval from the University Council. The changes focus on enhancing integration and application of material throughout the curriculum, significantly increasing the amount of structured practice experience and more actively involving students in the teaching-learning

process.

Dr. Fred Remillard has been elected as a Member at Large to the University Council for a 3-year term. He has also been appointed to the University's Capital Planning Committee.

New Grants and Awards:

Dr. Fred Remillard successfully submitted a proposal to the University of Saskatchewan New Initiatives Funding on The Adoption of Critical Essay Testing Criteria for Admission to the College of Pharmacy and Nutrition. The proposal was approved for funding for up to \$5,000 by the University and will be matched by the same amount from the College for a total of \$10,000.

Lisa Carter has been awarded the University of Saskatchewan Graduate Thesis Award in Life Sciences. This award for which Master's and Ph.D. students are eligible, is made in recognition of outstanding research achievement. The title of her thesis is Self-reported calcium intake and bone mineral content of children.

Jennifer Fabe won silver in the MRC National Graduate Student Research Poster Competition held in conjunction with the Canadian Federation of Biological Sciences which took place in Winnipeg in June 2-5. The title of her poster was The effect of iron deficiency anemia on the expression of glutathione peroxidase in rat brain, and was co-authored with Drs. J. Juurlink and P. Paterson.

Major Visitors:

Dr. K.W. Gee and Dr. H. Hirsch of Kadmus Biopharmaceutical Inc., California, USA visited the College of Pharmacy and Nutrition on September 10th to discuss research projects with Dr. Jonathan Dimmock.

Dr. James McCormack, Associate Professor of Pharmaceutical Sciences at the University of British Columbia, visited the College on August 9th to speak about Therapeutic Initiatives Evidence-Based Drug Therapy.

UNIVERSITY OF MANITOBA

Appointments & Promotions:

We are delighted to welcome our new Dean, Dr. David Collins, to the Faculty of Pharmacy. Dr. Collins joins us from the University of Queensland in Brisbane, Australia.

We would like to extend our congratulations to Dr. Ruby Grymonpre who has been promoted to full professor, effective May 11, 1999.

Grants and Awards:

A multiuser equipment grant application for a new electron paramagnetic resonance spectrometer worth \$280,000 was approved in the March 1999 MRC competition. Applicants from the Faculty of Pharmacy included Brian Hasinoff, principal investigator; Frank Burczynski and Alan McIntosh; and also included Bill Orr in the Department of Pathology and Jonathan Geiger of the Department of Pharmacology and Therapeutics in the Faculty of Medicine. The new instrument, which is expected to be operational by December, will be used in a variety of studies including the investigation of mechanisms of radical formation by drugs and nitric oxide formation in metastatic processes.

Dr. Sheri Fandrey received a grant from the Dr. Paul H.T. Thorlakson Foundation in support of a project entitled "A Perinatal Hepatotoxicity of Trichloroethylene".

UNIVERSITÉ DE MONTRÉAL

Appointments:

Dr. Daniel Lamontagne has been appointed Vice Dean for graduate studies and research.

Dr. Sophie Robert will be joining the Faculty as an assistant clinical professor in the area of psychiatry. Dr. Robert completed a Pharm.D. degree at UBC and is pursuing a specialised residency in psychiatry in Chapel Hill, North Carolina.

Dr. Marie-France Beauchesne and Dr. Lucie Blais joined the Faculty in January and September 1999, respectively. They will take part in "La Chaire en Santé Respiratoire".

Resignations:

Dr. Murray Ducharme, Assistant Professor, has resigned from his position. He has joined Phoenix International Life Sciences as the Director of Pharmacokinetics and Pharmacodynamics. He is associate professor at the Faculty.

Dr. François Therrien, Clinical Professor, has resigned from his position. He has joined Pfizer Canada as Clinical Program Scientist.

General Faculty News:

A new Master degree in drug development has been created for the training of industry professionals. Dr. France Varin is the director of the program.

The new Master degree in community practice has been officially launched. Three students are pursuing this professional degree. Next year, five positions will be opened.

Section heads for 1999-2000 are:

Patrice Hildgen	pharmaceutical sciences
Jan-Louis Brazier	pharmacological sciences
Chantal Pharand	clinical sciences
(Marie-Claude Binette assumes the interim until December 1999)	
Johanne Collin	socio-administratives sciences

New grants:

Dr. Fahima Nekka received a grant from Association Diabète Québec for her project entitled "Extraction automatique des réseaux vasculaires et estimation quantitative du changement de leurs structures".

Recognition Awards:

Dr. Louis Cartilier has received Prix: J. Armand-Bombardier de L'A.C.F.A.S. 1999; "Innovation Technologique".

The Medical Research Council has approved funding for the Program "Operating Grants Grant Renewal; Project Title" Dr. France Varin (Recipient), Dr. François Donati (co-investigator), Dr. Fahima Nekka (Co-chercheur).

**MEMORIAL UNIVERSITY OF
NEWFOUNDLAND**

Congratulations to:

Dr. Hu Liu for being selected as the recipient of this year's PMAC/MRC/HRF Career Award which provides him with five years' salary.

Dr. Lili Wang for being voted the BMS Teacher of the Year for 1998/1999.

Retirement:

Dr. Gerald Duncan, the founding Director of the School of Pharmacy, has retired on August 31, 1999. We wish him a happy retirement. He will be missed.

Appointments, Promotions and Tenure:

Dr. Deborah Kelly has been appointed Assistant Professor with the School of Pharmacy effective July 1, 1999. Dr. Kelly graduated with a B.Sc. (Pharm) from the Memorial University of Newfoundland in 1996, and with a Pharm. D. from the University of Toronto in 1999.

Dr. Linda Hensman has been appointed Associate Director of Pharmacy Practice for a three-year term effective September 1, 1999.

Dr. Hu Liu has been promoted to Associate Professor effective September 1, 1999. He has received early tenure effective September 1, 1998.

Dr. Rebecca Law has received tenure effective September 1, 1998.

Dr. Leslie Phillips has been jointly appointed to Division of Psychiatry, Faculty of Medicine. She has been promoted to Associate Professor and received tenure effective September 1, 1999.

Resignation:

Dr. Bruce Virgo has resigned as of May 1, 1999.

Leaves:

Dr. Krishnan Tirunellai has been granted a leave of absence for the 1999/2000 academic year.

Dr. Mohamedtaki Kara has returned from his sabbatical leave (1998/1999 academic year) on September 1, 1999.

New Grants:

Dr. Hu Liu has received a 3-year Medical Research Council operating grant valued at about \$240,000 for *Targeted Radioimaging Probes for Early Detection of Atherosclerosis*.

Dr. Lili Wang has received a 3-year grant under the MRC-HIV/AIDS Research Program Grants and Awards for *Specific delivery of AZT to macrophages via acetylated LDL pathway*. The total value of the grant is approximately \$150,000.

Dr. Chris Loomis and Mr. Marc Bolli (Research Computing Specialist for Pharmacy and Nursing) received a Computing and Infrastructure grant of \$60,000 for a project entitled *Enhancement of Web-Based Course Delivery - Self directed learning and Electronic Communications in the Schools of Pharmacy and Nursing*.

The School of Pharmacy has received a grant from the Academic Priorities Fund of Memorial University for the implementation of a Continuing Education program.

Grant Renewals:

Renewed funding has been received for the operation of the Drug Information Centre (DIC) from Astra Pharma, Janssen-Ortho, Bristol-Myers Squibb and Hoffmann-La Roche. The Department of Health and The Newfoundland Pharmaceutical Association have also provided funding for the DIC.

Dr. Chris Loomis renewed his research grant from the Rick Hansen Neurotrauma Foundation for \$40,000.

Presentations:

Dr. Nigel Rawson attended the 20th Annual Meeting of the International Society for Clinical Biostatistics held in Heidelberg, Germany in September, 1999. Dr. Rawson gave a presentation on *Hospitalizations for aplastic anemia and agranulocytosis in Saskatchewan: incidence and associations with prior prescription drug use*.

Dr. Rebecca Law attended the International Congress of Clinical Pharmacy held in Orlando, FL in April, 1999. Dr. Law presented a poster entitled *Interdisciplinary HIV/AIDS Teaching Module for Medicine, Pharmacy, Nursing and Social Work*.

General Faculty News:

The School of Pharmacy, Memorial University of Newfoundland has received full accreditation status till Fall of 2001.

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

Dr. Lili Wang and Ms. Margaret Connors took the class of 2001 (undergraduate) on a one-week long Industrial Pharmacy Visitation trip to Toronto and Montreal in April, 1999. The support from the following pharmaceutical companies is greatly appreciated:

Astra Pharma Inc.,
Eli Lilly Canada Inc.,
Merck Canada Inc.,
Boehringer Ingelheim Canada Ltd.,
Hoechst Marion Roussel,
Novo-Pharm Ltd.,
Novartis,
Hoffmann-La Roche, and
Whitehall-Robins Inc.

Graduate Students:

Deepak Kini, Dr. Tirunellai's graduate student, won the CFP Graduate Seminar award and travelled to Quebec City to present his research poster at the AFPC Annual Meeting, June 1999.

Zizhen Zhang, graduate student in Dr. Loomis-laboratory received an IASP travel award to attend the 9th World Congress on Pain in Vienna, Austria in August, 1999. He presented a research poster there.

Michael Hefferan, Dr. Loomis' graduate student, was awarded the Rick Hansen Institute Studentship in the amount of \$16,000 per year.

Michael Hefferan visited the renowned pain research laboratory of Dr. Tony Yaksh at the University of California, San Diego. He spent a week there learning new techniques which are now being used in Dr. Loomis' research laboratory.

UNIVERSITY OF BRITISH COLUMBIA

Faculty News

Congratulations to:

Jack Diamond for being named the AFPC Janssen-Ortho Award winner for 1999. He received the award at the June meetings in Quebec City. This is the senior scientist award of AFPC, given in recognition of significant contributions to pharmaceutical sciences research. Jack is an internationally known scientist who has challenged established dogma. Despite the limited resources of an individual scientist, he has shown that highly touted theories regarding cyclic nucleotides, cell signalling and smooth muscle dynamics were not correct.

John McNeill for being awarded the first AKen Bowman Award for Cardiovascular Research by the Institute of Cardiovascular Sciences, University of Manitoba. The award is presented for lifetime achievement in cardiovascular research. John presented an award lecture titled AVanadium as an insulin-enhancing agent: Effects on models of hypertension, cardiomyopathy and diabetes on September 8th at the Institute.

Simon Albon (Senior Instructor), **Helen Burt** (Professor), **Janice Moshenko** (Lecturer) and **Marion Pearson** (Senior Instructor) for being among the first ten UBC faculty members to complete the UBC Certificate Program on Teaching in Higher Education. The pilot program of the Centre for Teaching and Academic Growth (TAG) integrates theory and practice with 150 hours of interactive workshops, discussion and analysis, peer feedback on teaching sessions, and independent professional development activities. Each participant develops an extensive teaching portfolio which is reviewed by an advisory board. The UBC certificate program is unique in Canada because it relates strictly to faculty and recognizes prior learning.

Gail Bellward for her appointment as a member of the Science Management Committee for the new Toxic Substances Research Initiative (TSRI) from January 1, 1999 to April 1, 2002. The TSRI Science Management Committee will oversee a competitive, peer review process for research proposals and make all final funding decisions. The TSRI will fund applied research to address the environmental and

human health effects of toxic substances in areas identified as priorities by the Government of Canada.

Kishor Wasan for being selected as one of two volunteers for the month of March 1999 by The Science Council of British Columbia. A feature article of his contributions is in the March issue of *Synapse*, the Science Council of B.C.'s Newsletter.

Peter Jewesson for being requested by the Patented Medicines Price Review Board to continue to act as one of their three-member Human Drug Advisory Panel for another three-year term.

Simon P. Albon, who along with directed studies students **Felicia Lo** and **Rahim Janmohamed**, for winning a **Silver** award in the 1999 Health Sciences Communications Association (HeSCA) Media Festival for their CD-ROM entry *A325 Interactive: Pharmaceutical Analysis in Practice*. The HeSCA Media Festival is an international forum for health sciences media to showcase and recognize those individuals and organizations involved in health sciences media production. The CD-ROM entry was subjected to an objective peer review and the judges scored it high enough to be among the very best of the health sciences communications entries received this year.

50TH ANNIVERSARY OF THE FIRST GRADUATING CLASS

The year of 1999 is an important year in that it is the last year of this millennium to graduate a class from the Faculty and the 50th anniversary of the very first graduating class - the Class of 1949. To commemorate this important anniversary, members of the Class of '49 were invited to participate in the convocation ceremonies for the 1999 graduates at the Chan Centre on May 27th. They were asked to proceed across the stage as each one was presented to the President and Chancellor. Following the ceremonies, a luncheon was held at the Point Grey Golf & Country Club where the '49 graduates were presented with certificates of recognition. They were then invited to attend the Dean's Reception for the 1999 class at the Four Seasons Hotel where a member of the class of '49, Mr. Arthur Mann, delivered a special address.

10th Annual Bernie Riedel Golf Tournament a Great Success!

On June 7, 1999, thanks in part to bright sunny skies,

more than 180 golfers had a great afternoon of golf at this popular fund raising event. Proceeds go to the support of pharmacy practice research and activities within the Faculty.

Farewell Jack!

On the evening of Friday, June 25th, 80 friends and colleagues of **Jack Diamonds** joined together at UBC's Botanical Gardens to celebrate his illustrious career as a teacher and researcher, and his contributions to the Faculty and University. It was an evening of good food, good fun and many laughs that cheered all present.

A New Director for CPE

Janice Moshenko has been appointed Director, Continuing Pharmacy Education and Lecturer, Division of Pharmacy Practice, effective September 15th, 1999.

Should UBC Initiate an Entry-Level Pharm.D. Degree?

All pharmacists in B.C. are being asked that very question as part of a survey being distributed in October. Copy of the survey can be viewed via a link that is posted on the Faculty of Pharmaceutical Sciences website @ <http://www.ubcpharmacy.org/>

New Grants

Simon Albon and **Kishor Wasan** received funding from the UBC Teaching and Learning Enhancement Fund for the period April 1, 1999 to March 31, 2000, for their project, *Learning in the Pharmaceutical Sciences through the Development of a World Wide Web-based Educational Resource*.

Brian Rodrigues received a research grant for the period, July 1, 1998 to June 30, 1999, from H&SFBC for his project, *Hypertensive-diabetic cardiomyopathy*.

Stephen Shalansky, Robert Nakagawa, Mark Collins, Terryn Naumann and **Z. Kanji** received a grant from the Lions Gate Healthcare Research Foundation and DuPont Pharma, for the period June 1999 to June 2000, for their project, *A Prospective, Randomized Comparison of Community Pharmacy and Physician-Based Warfarin Management*.

Bruce Carleton received a grant from the BC Ministry of Health for the period March 1, 1999 to

June 30, 1999, for his project, AA Community Based Asthma Self-Management Education Program@

Mary Ensom received a BChRF Operating Grant for the period, April 1, 1999 to March 31, 2000, for her project, ADeveloping a limited sampling strategy for cyclosporine Area-Under-the-Curve monitoring in lung and heart-lung transplant patients@.

Simon Albon and **Kishor Wasan** received matching funds from Distance Education & Technology for the period April 1, 1999 to March 31, 2000, for their project, ALearning in the Pharmaceutical Sciences through the Development of a World Wide Web-Based Educational Resource@.

Mary Ensom, **Don Hamilton** and **Paul Koke** were awarded funds from BC's Children's Hospital Foundation Telethon Projects Competition for their project, AStability of Medications in Extemporaneously Prepared Oral Suspensions for Use in Pediatric Patients@.

Ron Reid received a MRC Operating Grant, for the period April 1, 1999 to March 31, 2000, for his project AEngineering Protein Function@.

Tom Chang received a grant from PMAC-HRF/MRC Research Career Award in Health Sciences for the period July 1, 1999 to June 30, 2000, for his projects (1) Role of cytochrome P450 in acquisition of resistance to tamoxifen, (2) Regulation of cytochrome P450 in tumor cells and (3) Role of individual human cytochrome P450 enzymes in lomustine metabolism.

Mary Ensom received a grant from the Bayer Blood Partnership Fund 1999 for her project entitled, APharmacokinetics and Pharmacodynamics of Intravenous Immunoglobulin (IVIG) Prior to and During Pregnancy in Patients with Unexplained Secondary Recurrent Spontaneous Abortion (RSA)@.

Kishor Wasan (Principal Investigator), **Haydn Pritchard** (St. Paul's Hospital), **Lois Shephard** (Pathology Department, Queen's University) and **Paul Goss** (Ontario Cancer Institute; Princess Margaret Hospital) received a grant from the National Cancer Institute of Canada-Clinical Trials Group, for the period, May 1st, 1999 to June 30th, 2006 for their project, AThe Influence of Letrozole on Serum Lipid Concentrations in Women with Primary Breast

Cancer who have completed five years of adjuvant Tamoxifen@.

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

Grant Renewals

John McNeill received funding for the period, January 1, 1999 to December 31, 1999, from Kinetek Pharmaceutical, Inc. for his project AComparison of the effects of BMOV and BEOV in experimental models of insulin-dependent and non-insulin dependent diabetes@.

Brian Rodrigues received funding for the period, February 1, 1999 to January 31, 2000, for his project, AStudy of mechanism(s) involved in the development of heart failure in the hypertensive-diabetic rat@.

Colin Tilcock received funding from various sources, for the period, April 1, 1998 to March 31, 1999, for his project, ADevelopment of OTC modules in pharmacy education@.

Kishor Wasan received a grant from Tilak Technologies, for the period, January 1, 1999 to December 31, 1999, for his project, AThe discovery and characterization of lipid transfer inhibitor protein@.

Brian Rodrigues received a grant from the Canadian Diabetes Association for 1999/2001, for his project, ARegulation of cardiac lipid metabolism by lipoprotein lipase during diabetes.@

Kishor Wasan received a grant from the Medical Research Council of Canada, for the period April 1, 1999 to March 31, 2000, for his project, AThe Role of Plasma Lipoproteins in Modifying the Toxic Effects of Hydrophobic Drugs@.

Frank Abbott, **Rob Thies** and **Kevin Farrell** received a grant from the MRC Operating Grant for the period April 1, 1999 to September 30, 1999, for their project AFormamides, nitrosources and valproic acid analogues: glutathione dependent metabolism and mechanisms of toxicity@.

Gail Bellward received a MRC Operating Grant for

the period April 1, 1999 to September 30, 1999, for her project **Mechanisms of control of the hepatic cytochrome P450 drug metabolizing enzymes**.

Helen Burt received a MRC Operating Grant for the period April 1, 1999 to March 31, 2000, for her project **Crystal-induced inflammation: Neutrophil activation by crystals**.

John McNeill received the following MRC Operating Grants:

for the period April 1, 1999 to March 31, 2000, for his project **Vanadium compounds as insulin mimetics in the treatment of diabetes**.

for the period April 1, 1999 to March 31, 2000, for his project **Mechanisms involved in the insulin-like action of vanadium**.

for the period April 1, 1999 to September 30, 1999, for his project **Role of endothelin-1 in the development of cardiac and renal complications of diabetes**.

for the period April 1, 1999 to March 31, 2000, for his project **Effects and mechanisms of vanadium in experimental models of NIDDM**.

Ron Reid received a MRC Operating Grant for the period April 1, 1999 to September 30, 1999, for his project **Engineering structure/function relationships in the helix-loop-helix cation binding motif and domain**.

Wayne Riggs received a MRC Operating Grant for the period April 1, 1999 to March 31, 2000, for his project **Stereoselective pharmacokinetics and pharmacodynamics of fluoxetine and its metabolites during pregnancy**.

Kishor Wasan received a MRC Operating Grant for the period April 1, 1999 to March 31, 2000, for his project **The role of serum lipoproteins in modifying the toxic effects of hydrophobic drugs**.

John McNeill received a grant from NIH (US), in collaboration with Universite de Montreal, for the period October 1, 1998 to September 30, 1999, for the project **Vanadium in humans**.

Mary Ensom received additional funding from the BC Lung Association for her project entitled, **Premenstrual Asthma: Estrogen's Role in Airway Inflammation II**.

Helen Burt received a grant from MRC for the period, April 1st, 1999 to March 31st, 2000 for her project, **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, **Mechanisms involved in the insulin-like actions of vanadium**.

John McNeill received a grant from Heart & Stroke Foundation of BC, for the period, July 1st, 1999 to June 30th, 2000 for his project, **Insulin and hypertension: Role of altered vascular biology**.

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

DALHOUSIE UNIVERSITY

Appointments and Promotions:

Rita Caldwell has been appointed Director of the College of Pharmacy. Prof Caldwell served as Acting Director of the College in 1998-99 and is welcomed by faculty and staff into her new permanent position as Director. Congratulations!

Derek Chaudhary, MHSA has been appointed the first Research Fellow in Health Outcomes Management under the supervision of **Neil MacKinnon**.

Ingrid Sketris has been appointed associate editor of The Canadian Journal of Clinical Pharmacology.

Ingrid Sketris has been appointed a member of the Patented Medicine Prices Review Board for a period of five years.

Resignations and Leaves:

Rob MacLaren has resigned from the faculty to accept a position at the University of Colorado School of Pharmacy. Rob will be much missed by faculty, staff and students.

Pollen Yeung is on a 6-month sabbatical leave from July 1 to December 31, 1999. He will spend time visiting academia, industry and government during his leave.

New Grants:

Chevalier B, **Caldwell RK**, Stinson D. Pain Reduction in Pre-Mature Newborns Using a Cream or an Oral Solution. IWK Grace Health Centre Research Fund, Category A, 1998, \$3,000.

Drobitch RK, Determination of the Potential for Ginseng to Interact with Conventional Nonprescription and Prescription Medications Via an Inhibition of Drug Metabolism. Pharmacy Endowment Fund, May 1999-October 2000. \$15,600.

Farmer P received a Canadian Foundation for Pharmacy/Apotex theme grant for 1999-2000 and returns to the College to pursue his work on evaluation of the undergraduate PBL curriculum.

Farmer P, Mansour S, Whelan AM, Research Assistant For Admissions Policy and Quality Assurance of Undergraduate Curriculum. Dalhousie

Pharmacy Endowment Fund Grant, \$11,000.

Farmer P, Mansour S, Whelan AM. An integrated hybrid problem-based learning curriculum: focus on the pharmacy student. The 3rd annual Dalhousie conference on university teaching and learning. Dalhousie University. May 6, 1999.

Gardner D. Donepezil in the Treatment of Tardive Dyskinesia and Cognitive Dysfunction in Schizophrenia. Queen Elizabeth II Health Sciences Centre Research Fund 1998. \$15,000.

Gardner D Evaluation of the Interactions Between Community Pharmacists and Antidepressant Users in Nova Scotia. Unrestricted Educational Grant, SmithKline Beecham 1998. \$1,700.

Gardner D, McIntosh D, Connelly S. Evaluation of the anti-aggressive effects of olanzapine in patients with chronic psychoses. Eli Lilly 1999. \$20,000.

Jurgens T. Herbal Medicines as Sources of New Immune Stimulating Drugs. Dalhousie Pharmacy Endowment Fund, May 1999,\$3,000.

Gorman S, **Pearson GJ**, Bata I, Janes S. A Pilot, Prospective Cost-Benefit Analysis Comparing Unfractionated Heparin and Enoxaparin in Acute Coronary Syndromes. Rh^{ne} Poulenc-Rorer. November 1998 - May 1999, \$2,400.

Haddad H, Borzecki A, **Pearson GJ**, Searles G, Hawass A. The Management of Congestive Heart Failure in a Tertiary Care Centre: The Differences Between Patients Managed by General Internists and Cardiologists. Queen Elizabeth II Health Sciences Centre Foundation, May 1999 - September 1999, \$15,000.

Pearson GJ, Cooke C. A Pilot Study to Assess Cholesterol Management in Hospitalized Nova Scotians at High Risk for Cardiovascular Disease. Merck Frosst Canada Inc., September - December 1998, \$10,000.

Poulin C, **Sketris IS**. Study of Stimulant Drug Use. Studentship, MRC/CEM/CDMA, 1998, \$16,000.

Wentzell N, Mansour S. Practice Experience Research and Development. Studentship. Dalhousie

Pharmacy Endowment Fund, May-August 1999.

Whelan AM, Mansour S. Undergraduate Curriculum Evaluation/Undergraduate Curriculum Development. Studentships. Dalhousie Pharmacy Endowment Fund, May-August 1999.

Awards and Presentations:

David Gardner is the 1999 winner of the Jessie I Macknight Award for excellence in pharmaceutical teaching.

The College of Pharmacy, Dalhousie University and Merck Frosst Canada & Co. announced the Merck Frosst Chair in Patient Health Management, **Dr. Neil J. MacKinnon**, PhD, RPh at a Reception Luncheon, June 22, 1999, Regency Ballroom Lord Nelson Hotel.

The Chair in Patient Health Management will focus on the economic, clinical, and humanistic (satisfaction, quality of life) outcomes of patients related to the use of medication. This will include such activities as disease (health) management, pharmaceutical care, pharmaco-economic evaluations, evidence-based medicine, programs to improve medication compliance, and quality measurement and improvement of drug use.

Jurgens T. The risks and benefits of herbal medicines: what every pharmacist should know. Dalhousie College of Pharmacy Continuing Education, University for a Day. Halifax, Fredericton, Charlottetown. May, September, 1999.

MacKinnon NJ. Targeting the Dark Side of Drugs: How to Identify Older Persons at Risk of Preventable Drug-Related Morbidity. Geriatric Medicine Grand Rounds, Queen Elizabeth II Hospital, Halifax, NS, March 1999.

MacKinnon NJ, Hepler CD, Segal R, Lipowski EE. Risk Assessment of Preventable Drug-Related Morbidity in Older Persons, podium presentation, Canadian Association of Population Therapeutics Annual Meeting, Halifax, NS, May 1999.

MacKinnon NJ, Hepler CD, Segal R, Lipowski EE. Risk Assessment of Preventable Drug-Related Morbidity in Older Persons, podium presentation, Wintergreen Research Conference, Wintergreen, Virginia, May 1999.

Thompson AE, **Pearson GJ**, Hirsch G. Assessment of New-Onset Post-CABG Atrial Fibrillation: Current Practice Pattern Review and Development of Treatment Guidelines. Canadian Society of Hospital Pharmacists 30th Annual Professional Practice Conference, Toronto, ON; February 1999.

Pearson GJ. Coronary Artery Disease in Women: The Risks and Benefits of Hormone Replacement Therapy. Nova Scotia Pharmaceutical Society. Halifax, NS, November, 1998.

Pearson GJ. Pharmaceutical Care Workshop for Practising Clinical Pharmacists. Western Regional Health Board Staff Development Weekend. Digby, NS, November, 1998.

Whelan AM, Sketris I. Co-facilitators of roundtable discussion as part of: Ackman M, Farris K. Fostering relationships between clinicians and faculties of pharmacy. At the Joint Conference of the Association of Faculties of Pharmacy of Canada & Canadian College of Clinical Pharmacy in Quebec City, Quebec, June 11, 1999.

Whelan AM, Agro K. Innovations in asthma care. Continuing education program for pharmacists in Halifax, NS and St. John's Nfld. June 6-7, 1999

Whelan AM. An integrated hybrid problem-based learning curriculum: group discussion. Presented to faculty and staff at the Faculty of Pharmacy, University of Alberta in Edmonton, AB May 7, 1999.

Whelan AM. Selective estrogen receptor modulators for osteoporosis. Presented to pharmacists at Pharmacy Grand Rounds, Capital Health Authority in Edmonton, AB, May 6, 1999.

Pollen Yeung was the external examiner for the Ph.D. thesis defence of Dr. Ahmad Doroudian of the Faculty of Pharmaceutical Sciences, University of British Columbia, Vancouver, B.C., Canada (Thesis title "Pharmacokinetics and conjugative metabolism of labetalol stereoisomers in pregnant sheep: A chiral drug case study in pregnancy", Supervisor Drs. K. Riggs and Dan Rurak).

General Faculty News:

Trevor Simmons was the 1998 recipient of the AFPC Canadian Foundation for Pharmacy National

Student Poster Award for Dalhousie University. Trevor's project is entitled **Angiotensin-Converting Enzyme Inhibitor Use in Congestive Heart Failure: Opportunities for Pharmacists to Improve Patient Outcomes Through the Use of Evidence-Based Criteria**. His supervisors were **Glen Pearson, Charmaine Cooke** and **Ingrid Sketris**.

The second year of the CAS (Critical Appraisal Series) has begun. Students began this course in their second year and are continuing with the series in their third year. The emphasis of the first term in third year remains focussed on methodological and biostatistical issues in the evaluation of the literature. There is increased attention on the application of this knowledge using contemporary therapeutic articles. The winter term will be more oriented to applications and communicating with patients from an evidence-based clinical practice viewpoint. The third year begins with the students writing evidence-based case reports based on a case they were involved in during their Practice Experience Program over the summer. The case will apply their searching and critical appraisal skills as well as provide the opportunity to improve writing skills.

Major Visitors:

The College of Pharmacy hosted a symposium Point-of-Care Testing: The Future of Diagnostics on Sept 10, 1999. This symposium was sponsored by Medmira Laboratories. Dr. Raphael Esteban from Barcelona, Spain and Dr. Vince Gil from Costa Mesa, California were key note speakers.

Frank Mays, M App Sci of Pharmacy Consulting Services Pty Ltd., South Australia visits the College on September 29, 1999 presenting **Pharmacy Academic Detailing: The Drug and Therapeutics Information Service (DATIS)**, Adelaide, Australia.

Taking Note CPhA Report

CPhA BOARD OF DIRECTORS

The first meeting of the 1999/2000 Board of Directors was held in London, Ontario, May 19, 1999 the day after the AGM of the 1999 CPhA Conference at which the new Board members were introduced followed by the elections for the executive. This is the first time that **new** Board members were brought to the Conference to meet in their new capacity and this approach will be continued at future conferences. The next meeting of the Board will be in Ottawa, October 29-31 so some items addressed in this report will be for consideration at this Board meeting. The members of the CPhA Board of Directors for 1999/2000 are:

- | | |
|------------------|--|
| President: | Fred Martin (Prince Edward Island) |
| President-Elect: | Garry King, (Hospital Pharmacy Practice) |
| Past-President: | Garry Cruikshank (Ontario) |
| Ron Elliott | Vice President and Ontario Board Member |
| Bill Heese | Vice President and British Columbia Board Member |
| Donna Kowalishin | Vice President and Alberta Board Member |
| Jeff Poston | Executive Director |
| Charles Bayliff | Hospital Pharmacy Practice |
| Murray Brown | Industrial Pharmacy Practice |
| Normand Cadieux | QuJbec |
| Anne Marie Ford | New Brunswick |
| Mark Kearney | Pharmacy Students |
| Marian Kremers | Manitoba Board Member |
| Garth McCutcheon | Saskatchewan |
| Ian McKeigan | Nova Scotia |
| Ken Ramsay | Prince Edward Island |
| Melanie Rantucci | Ontario |
| Keith Simons | Academia |
| Bernd Staeben | Newfoundland |

Retirement of the Executive Director:

In recognition of the years of service by Leroy Fevang as the Executive Director of CPhA, a Friends of Leroy Gala was held in conjunction with the CPhA annual conference in London, ON. During the Gala, photos of Leroy's life were shown on the screen. Leroy was roasted by former CPhA presidents, friends and family members, then finally presented with a gift to show appreciation for his years of service to CPhA.

New Executive Director for CPhA:

The Board of Directors of CPhA selected Dr. Jeff Poston to be the new Executive Director. He assumed this position on June 1, 1999. Dr. Poston joined CPhA in May 1989 as the Director of Research and Practice Development and since that time has been instrumental in the development of health services research and programs to position the unique value-added role of pharmacists. In his new position, he will lead CPhA to achieve its strategic plan objectives; of representing the interests of the majority of the profession, of promoting and facilitating the expanding role of pharmacists and of fostering public recognition of their role as drug experts and members of the health care team. Dr. Poston has a first degree and Ph.D. in pharmacy from the Welsh School of Pharmacy, University of Wales, GB. He has broad experience in pharmacy, having worked in academia, industry, hospital and community practice.

CPhA Annual Conference:

AFPC did not meet with CPhA this year but held a joint conference with the Canadian College of Clinical Pharmacy in Quebec City, June 10-13, 1999. The CPhA Annual Conference was held in London, Ontario, May 16-18, 1999. The conference was very successful with about 550 registrants. The guest speaker, John Davidson, Jesse's Journey: A Father's Tribute gave a moving presentation to begin the Sunday Sessions. In the Pharmacy Forum, the debate by Dr. F. Jamali for the entry level Pharm D. Degree, vs Dr. Don Perrier for the graduate level Pharm D. Degree stimulated intense participant discussion. This was followed by presentations regarding The Health Information Act. Concurrent workshop sessions on various aspects of diseases and care of the elderly were well attended. The keynote speaker, Dr. Raisa Deber challenged the audience by her presentation Pharmaceuticals are Medically Necessary: Why Aren't They Insured? In the Issues

Management Forum topics addressed were: The Pharmacy Electronic Claim Standard (PECS), Volume of Prescription/Workload in Pharmacies and Efficient Consumer Response (ECR) and Prescription Orders. The educational components of the Conference included clinical presentations and workshops and management skills topics and workshops.

In the Awards Ceremony, the following CPhA awards were presented:

Jean-Paul Marsan, Honorary Membership
Dale Dodge, Innovative Practice Award by Apotex/PACE
Maryan Hopkins, Pharmacist Diabetes Educator Award by LifeScan Canada
Rosemarie Biggs, Pharmacist Care of Older Persons Award.

The next CPhA/AFPC Annual Conference with the theme: *Supporting Tomorrow, Today* will be held in Saskatoon, SK, June 23-26, 2000, scheduled to coincide with the Saskatchewan anniversary celebrations.

Corporate Affairs (Director: Bob Gadoua) Canadian Council for Accreditation of Pharmacy Programs (CCAPP) Appointment

The new CPhA representative on CCAPP will be Ms. Debbie Boyle, a community pharmacist from Alberta.

Membership and Marketing (Director: Tom Herbert)

Campus Tours

The schedule for the 1999 Campus Tours by CPhA Executive Committee members is as follows:

<u>University:</u>	<u>Date: 1999</u>	<u>Executive Member:</u>
Memorial	Sept. 17	Garry King
Toronto	Sept. 20	Garry
Cruikshank		
Dalhousie	Sept. 28	Fred Martin
Manitoba	Sept. 29	Garry King
UBC	Sept. 29	Garry Cruikshank
Saskatchewan	Sept. 30	Garry King
Alberta	Oct. 4	Garry Cruikshank
Laval	Oct. 6	Normand Cadieux
Montreal	Oct. 7	Normand Cadieux

Market Research/Pharmacist Survey:

The results of the Survey, conducted by Manifest Communications, are now available and will be considered at the October Board Meeting. It is hoped that the information will be useful for strengthening the marketing of CPhA to its members and for the generation of new members. A News Release has been distributed to Pharmacy Media. Copies of this release or more information will be provided upon request to RenJe Couturier, Communications and Issues Manager. (613) 523-7877 (ext. 205) FAX: 523-0445 E-mail: media@cdnpharm.ca

In support of the CPhA Strategic Plan, for CPhA to become truly representative of all pharmacists in Canada, please accept this reminder to renew your membership in CPhA, or to become a new member. Also, please remember to check the Academic constituency box. The membership benefits, including the CPS, are well worth the fee.

Government and Public Affairs (Director: Non-Dominique Willems)

Y2K Stockpiling:

A meeting was convened by Health Canada and representatives from provincial governments to discuss health care sector preparedness to avoid shortages due to consumer stockpiling. Representatives were present from the Y2K Pharmacy Supply Chain Task Force including: CPhA, CSHP, CDMA, CACDS, Rx&D, Canadian Healthcare Association, CAN, CACC, Canadian Blood Services and Hema Quebec and MEDEC. Government participants included representatives from Health Canada, Treasury Board, Communications, Industry Canada and the Ontario government. CPhA has received some funding from Health Canada to develop guidelines for the interchange of critical medications should shortages occur. Leaflets under preparation will be available within two weeks for distribution to patients who express concerns or raise the issue.

Manpower Shortages:

Responses from nine provincial associations to the CPhA survey provided information about the situation across Canada. Extrapolation of the numbers from the data indicate a shortage of about 500 pharmacists across Canada. There have been some discussions with Immigration Canada to possibly determine

quotas of pharmacists that could be accepted in Canada over the next few years. CPhA is exploring funding sources from the government for an in-depth labour market survey.

GST on Cognitive Services:

CPhA along with a number of health organizations have been discussing this issue with Finance and Revenue Canada. CPhA is currently building a case for presentation to the government, so any assistance from provincial or professional organizations would be appreciated.

Media Calls:

CPhA personnel have responded to a number of calls to address such issues as Informing Health Care Consumers, Pharmacist Shortage and Emergency Contraception.

Research and Practice Development (Janet Cooper)

The Just Checking Program promotional brochure was distributed with the March issue of CPJ to pharmacists across Canada. Pharmasave Atlantic will be promoting the program and using the kit in 70 stores.

TPP Manufacturing/Compounding Policy:

The CPhA response to Health Canada's Draft Policy Framework for Manufacturing and Compounding Drug Products in Canada was reviewed by the Professional Affairs Committee (PAC) prior to submission.

Continuing Competency:

The Discussion Paper from NAPRA regarding a National Continuing Competency Program for Pharmacists will be reviewed by the PAC and comments from CPhA will be submitted shortly.

Publications (Director: Leesa Bruce)

The 3rd edition of *Therapeutic Choices*, scheduled for publication in mid-2000, is in the initial stages of production. Data files are also being tested with a view to including the new edition of *Therapeutic Choices* with the CPS on CD-ROM.

Editorial production on the new Herbal Book is in

progress. Authors have been assigned, the top 60 herbs have been selected, supplementary chapters have been identified and meetings with the co-publisher, CMA, are being held to discuss design and marketing.

CPhA Board of Directors 1999/2000

I have endeavoured to communicate Board Information to the academic pharmacists and to present academic activities to the Board. I would also appreciate receiving comments, concerns, questions, etc. which should be addressed to the Board. For more information about any of the above items, or to bring topics of importance to the Board, please do not hesitate to contact me at:

(204) 474-9630 or FAX: (204) 474-7617 or
simons@ms.umanitoba.ca

Keith J. Simons, Ph.D.
CPhA Board (academia)

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Contributors

David Hill, President
AFPC Councillors:
Alfred Remillard, U of S
Pierre BJlanger, U Laval
Karen Farris, U of A
David Fielding/Simon Albon,
UBC
Lesley Lavack, U of T
Susan Mansour, Dalhousie U
Sylvie Marleau, U de
Montr Jal
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.
