

ANNUAL
REPORT
04/05

COLLEGE OF
PHARMACISTS
OF BRITISH
COLUMBIA

114th

Annual Meeting
College of Pharmacists
of British Columbia

November 26, 2005

Sheraton Vancouver Wall Centre

Vancouver, BC

TABLE OF CONTENTS

This 04/05 Annual Report presents highlights of initiatives in the CPBC fiscal year, March 1, 2004 to February 28, 2005.

President's Message	1
College Mission and Values	2
2004-2005 Achievements	2
Operational Overview	6
Regulation Statistics	7
Assessment Statistics	9
Financial Statements	10
UBC Continuing Pharmacy Professional Development	17
UBC Faculty of Pharmaceutical Sciences	19
College of Pharmacists of BC Lists	
Council	24
Staff	24
Honourary College Members	24
Committees	25



PRESIDENT'S MESSAGE



Throughout the past year your Council and the College have made it a priority to enhance communication with pharmacists and to raise public awareness of our role as medication experts.

To help educate the public about our profession we developed a "Pharmacy Matters" booklet and a "You & Your Pharmacist" display. To improve two-way communication, we encouraged pharmacists to take advantage of E-Link, a free email service for Canada's pharmacists, added interactive features to our upgraded website and made it easier for pharmacists to update registration information online.

During fall 2004 and spring 2005 your Councillors volunteered to promote the College and the BC HealthGuide program through "Health & Yourself Seminar" presentations to community groups. Council set a goal of speaking personally to 1000 British Columbians by the end of 2005.

In December Registrar Linda Lytle announced her intention to retire in July 2005, after 25 years of outstanding leadership. Starting in January 2005, Council undertook the daunting exercise of searching for a new Registrar to build on Linda's legacy.

In early 2005, after years of dedicated work, the Advanced Practitioner Credentialing program neared completion. This program has generated interest across Canada and the National Association of Pharmacy Regulatory Authorities is reviewing the program and considering adapting it for national use.

By the end of February 2005, virtually all the pharmacists selected to participate in the first cycle of the Professional Development and Assessment Program had taken either a Knowledge Assessment exam or submitted a Learning & Practice Portfolio. Initial results showed that 95 percent of participants successfully met the program standards.

During 2004/05 we streamlined registration requirements to make it easier for pharmacists from other parts of Canada and the United States to practice in BC. Council also continued to monitor concerns about international pharmacy services. The federal government is paying close attention to this situation to ensure that Canadian health care is not compromised.

It has been a pleasure to work with our talented College staff. I have a sincere appreciation for valued work done that is critical to the College's success.

I am proud of the commitment and dedication shown by Council throughout this year. Our non-pharmacist government appointees bring excellent skills, insight and perspective to our discussions. I wish to thank all Councillors for their commitment to the work we have completed and for their contributions to our future vision for the College and the profession of pharmacy. I would also like to recognize all the pharmacists of BC and thank you for fulfilling our goal to "ensure that BC pharmacists provide safe and effective pharmacy care to help people achieve better health."

RITA THOMSON
President

MISSION AND VALUES

The College of Pharmacists of British Columbia is the provincial regulatory authority for the profession of pharmacy and its practice environment, obtaining authority from the *Pharmacists, Pharmacy Operations and Drug Scheduling Act*. The College is responsible for the administration of the Act and is accountable to the public.

The mission of the College is to ensure British Columbia pharmacists provide safe and effective pharmacy care to help people achieve better health.

The College works closely with other organizations in meeting its mission and values.

The College is responsible for:

- Assessments, registration and licensing
- Interpretation of the *Pharmacists, Pharmacy Operations and Drug Scheduling Act* and Bylaws, including ethical and promotional issues
- Patient, practitioner and other complaints and inquiries
- Practice standards and guidelines

The College values:

- Optimal standards of pharmacy practice and ethics
- Ensuring the safe, rational and effective use of pharmaceuticals
- Integrity and honesty in all that we do
- Commitment to learning and openness to change
- An open and transparent approach to how we conduct our activities
- Accountability to the public
- The integral role of the pharmacist in the health care system
- Fulfilling our responsibility to our members and treating them with respect and dignity

2004-2005 ACHIEVEMENTS

COMMUNICATIONS

- Posted an interactive survey on the College website to seek feedback from members on the site. Since May 2002 the website has received more than five million hits.
- Upgraded the College website, based on survey input, to offer on-line registration and other interactive services, to make it easier to navigate and access key information, and to incorporate a new look/photos that better reflect the scope of our pharmacy practice.
- Continued working with NAPRA to promote E-Link, setting up free E-Link accounts for all BC licensed pharmacists and applicants and instructing them on how to personalize, protect and access individual accounts.
- Distributed a "Policy Input: College seeks input on internet and email policy" to receive pharmacists' responses to help shape the College's future e-communication strategy.
- Distributed a Council Commentary with a faxback survey seeking pharmacists' views on the concerns, hopes and challenges that face our profession.
- Highlighted pharmacists' survey input in a *Read•Links* article, and communicated concerns raised that are outside of the College's mandate to organizations that have the authority to respond.
- Changed the name of the College newsletter to *Read•Links* to reflect the evolution in College communications from print to electronic, and incorporated web links in many stories.
- Developed three new newsletter features, profiling rural pharmacy, daily activities of individual College staff members, and empowerment of pharmacists in the workplace using the Framework of Professional Practice.
- Developed a *Health & Yourself* seminar, and Councillors began delivering presentations throughout the province to help raise the profile of our profession and awareness of the BC HealthGuide Program. A goal was set for Council members to reach 1000 session participants in 2005.

2004-2005 ACHIEVEMENTS - cont'd

- Developed a portable display, *You & Your Pharmacist*, available free to pharmacists for use at public education events.
- Developed a *Pharmacy Matters* booklet available free to pharmacists to help educate the public about our profession and the role of the College.
- Approved criteria for a revamped College award and recognition program to integrate it with the Framework of Professional Practice (FPP), our mission, vision and values.

MEMBER RESOURCES

- Attended a half-day session with pharmacists and representatives from the College, UBC and BCPhA to learn more about what BC pharmacists want and identify the best strategies and types of programs to suit pharmacists' professional development needs.
- Continued to promote the practice support telephone service at the College, OnCall Pharmacist Information Line, providing phone staff Monday to Friday, 8:30 am to 5 pm via a toll-free number.
- Developed a new pharmacist support program, MentorLink, to help pharmacists learn from each other. A MentorLink brochure was included in the newsletter and posted on the College website. Applications and training were made available for mentors.
- Provided a \$200,000 grant to UBC's Continuing Pharmacy Professional Development (CPPD) Division to speed up delivery of on-line professional development programs.
- Provided funding to UBC's CPPD Division, to develop a pilot 'streaming media' webpage which will transform conference events into viewer-friendly files.
- Provided a \$10,000 grant to the UBC Community Pharmacy Residency Program.
- Began planning a five-workshop pilot project to demonstrate how pharmacy managers can put the FPP to work to directly benefit their operations.
- Redesigned the Manager's Audit to include the FPP, to help community pharmacy managers identify FPP activities/functions that require more attention, and plan staffing, educational or physical changes to the pharmacy.

PROFESSIONAL DEVELOPMENT AND ASSESSMENT PROGRAM (PDAP)

- Held four Knowledge Assessment Exams and mailed detailed exam results letters to all KA participants.
- As of February 28, 2005, all pharmacists selected for the first PDAP cycle had taken part. More than 95 percent writing the KA exam met the standard. For the remaining 5 percent (60 pharmacists), options for Phase 2 were provided for those in patient care, in non-patient care, and not in practice.
- Took note of all feedback received from members who had taken a KA exam, to share with the Knowledge Assessment Committee and Board of Examiners during their formal program review in fall 2005.
- Provided feedback to pharmacists working on a Learning & Practice Portfolio about their choice of Desired Practice Outcomes to help save them time and make the process easier to complete.
- Began recruiting 20 pharmacists (eleven from community practice, six from hospital practice, three from other settings) to train for assessing the hundreds of Learning & Practice Portfolios that the College will receive in March 2005.
- Provided the new option of pharmacists switching from the LPP to the KA and vice versa to add more flexibility to the PDAP program.
- Presented a poster display about PDAP and FPP at the 100th anniversary meeting of the National Association of Board of Pharmacy meeting in Chicago.

PHARMACIST SHORTAGE

- Supported NAPRA in its efforts to encourage all provinces and territories to sign on to the Mutual Recognition Agreement.
- Attended a Roundtable on Foreign Credentialing and supported the International Pharmacy Graduate program run by the UBC Faculty of Pharmaceutical Sciences and University of Toronto to help foreign-trained pharmacists gain Canadian credentials.
- Developed a new publication, *Guide to Becoming a Pharmacist in BC*, which provides step-by-step instructions for foreign-trained pharmacists and those practising in other parts of Canada.
- Developed new English language fluency requirements to bring the College's licensing requirements in line with other provinces, making it easier for pharmacists to move to BC from other provinces.
- Exempted UBC pharmacy graduates and graduates of accredited Canadian university pharmacy programs from completing 160 hours of post graduate internship training, in an effort to harmonize BC's licensing requirements with other provinces.

PHARMANET

- Supported pharmacists accessing PharmaNet from any hospital network terminal, without prior approval from the College, as long as the hospital pharmacy is already PharmaNet-connected and the pharmacy managers set and follow access, audit and security policies.
- Informed pharmacists about anticipated increases in consultations from physicians about PharmaNet records and drug-related inquiries following the connection of physician offices to PharmaNet.
- Worked with the Ministry of Health Services and PharmaNet to identify ways to remove inaccurate PHNs.
- Printed a list of "PHN Do's and Don't's" and enclosed a PHN Reference Card with *Read-Links* for all pharmacists and pharmacy technicians to easily access at their workstations.
- Continued to monitor invalid and duplicate PHNs and inform pharmacies as needed.
- Clarified how to use PharmaNet to dispense veterinary prescriptions.

ADVANCED PRACTITIONER CREDENTIALING (APC)

- Had two BC pharmacists travel with seven other Canadian pharmacists to Chicago to write three-hour U.S. National Institute of Standards in Pharmacy Credentialing (NISPC) exams and brainstorm ways to modify them to suit Canadian requirements.
- Developed four recommendations, based on completion of the NISPC exams, to be implemented in order for these U.S. exams to be used as part of a Canadian specialty certification program.

INTERNATIONAL PHARMACY SERVICE (IPS)

- Attended a meeting of health system regulators to discuss responsibilities regarding IPS and potential areas for further collaboration.
- Provided an IPS information package and Professional Practice Policy 50 (procedures for central fill) on the College website.
- Provided information on preparing outsourced prescriptions and the requirements of 'central fill' - where two or more pharmacies are involved in dispensing a prescription.
- Provided information on Health Canada's Establishment Licence regulation which applies to "all persons who sell drugs to customers other than the final retail customer."

METHADONE TREATMENT PROGRAM

- Took over pharmacy-related administration of the methadone program from the College of Physicians and Surgeons of BC and developed a new position, Coordinator of Methadone Program Services.
- Provided the services of:
 - maintaining a database of all pharmacies involved in the methadone program
 - recruiting new pharmacies to the program
 - establishing desired patient limits for pharmacies
 - helping patients find pharmacies in their neighbourhoods
 - working with physicians and clinics to raise awareness of participating pharmacies
- Developed guidelines with the RCMP for police officers picking up methadone prescriptions for patients in prison.
- Clarified the policy change allowing treating physicians to decide the appropriate quantity of methadone based on the patient's clinical stability and their ability to safely store methadone.
- Shared information about methadone for pain management and clarified methadone PINs for "maintenance" and "pain".
- Posted information for pharmacists about the BC Methadone Maintenance Program on the College website.
- Attended the third "Keeping the Door Open: Dialogues on Drug Use" symposium, where delegates heard that BC has the largest and one of the most successful methadone programs in Canada.

METHAMPHETAMINE MISUSE

- Attended the Western Canadian Summit on Methamphetamine.
- Supported the Meth Watch Program that encourages cooperation between retailers and police, and helps curtail theft and suspicious sales of pseudoephedrine and other household items used to manufacture methamphetamine.
- Promoted the Meth Watch tutorial available on the internet to educate pharmacy staff on how to identify and limit suspicious purchases of products used to manufacture crystal meth.
- Noted items on the 'crystal meth shopping list' and encouraged pharmacists to monitor large-quantity or frequent purchases of pseudoephedrine-containing products and report any concerns to the national CrimeStoppers line.

2004-2005 ACHIEVEMENTS - cont'd

MEDICAL MARIJUANA

- Attended stakeholder meetings with Health Canada officials to discuss the feasibility of distributing medical marijuana through pharmacies.

TOBACCO SALES

- Prepared a ten-page report, *A Tobacco-free BC*, that explains why the provincial government should pursue tobacco reduction, reviews best practices in tobacco control, and shows how the province and College could work together.
- Met with the Minister of State for Mental Health and Addiction Services; discussed the issue with the Chair of the BC Liberal government's Select Standing Committee on Health and presented *A Tobacco-free BC* to the committee.

EFFORTS WITH OTHER ORGANIZATIONS

- Collaborated with the BC Pharmacy Association for the AGM, professional development and awards events.
- Promoted via *Health & Yourself* seminars, *Read•Links* and the College website, the Ministry of Health's BC HealthGuide Program, including BC HealthGuide Handbook (including new French edition) and OnLine, BC First Nations Health Handbook, BC HealthFiles, the BC NurseLine (with information available in 130 languages), and the Pharmacist Network.
- Informed pharmacists of the innovative Telehealth Demonstration Project for offering support to selected patients with diabetes or congestive heart failure, and took part on the selection committee for Telehealth coaches.
- Provided BC pharmacists with highlights of NAPRA initiatives.
- Shared information with pharmacists via *Read•Links* articles about:
 - PharmaCare - fair PharmaCare deductible payment option
 - Medication Info UBC - restarting the public and undergraduate education programs
 - PharmAction publications - new pamphlets available
 - Medications Return Program
 - Be MedWise- new website about proper nonprescription drug use

- Clozapine Support and Assistance Network - closure of Riverview Hospital's Clozapine Resource Centre
- Workers Compensation Board - processing prescriptions for injured workers
- Canadian Diabetes Association - Good Health Eating Guide
- Canadian Cancer Society - BC Smokers' Helpline
- Fraser South Breastfeeding Promotion Committee - precautions about domperidone

OPERATIONAL OVERVIEW

COLLEGE REGISTRATIONS AND LICENSES

Overall College membership was 3,754 in 2004-05. This is an increase of 105 members from 2003-04. UBC student membership was 478 (down from 523 in 2003-04), and out-of-province/outside Canada membership was 66 (up from 60 in 2003-04).

A total of 938 pharmacies were licensed in 2004-05, a 9% increase from 2003-04. This included 29 pharmacy openings and 18 pharmacy closures.

In 2004-05, 76 candidates registered with the College through the terms of the Mutual Recognition Agreement (up from 62 in 2003-04).

ASSESSMENTS

In 2004, 15 candidates wrote the OSCE assessment. Three candidates were successful (20%).

In 2004-05, 219 candidates participated in one of three scheduled jurisprudence exams, with 213 successful (97%).

CONTINUING PHARMACY EDUCATION, UBC

The College works with UBC's Continuing Pharmacy Professional Development Division to offer educational programs to pharmacists. In 2004, 2,277 registrants (a 14% decrease from last year) participated in 140 programs (a 24% increase from last year). See the Division's report on page 18 for further information on CPPD activities.

PROFESSIONAL CONDUCT REVIEW

A total of 132 complaints were received from March 1, 2004 to February 28, 2005. The Inquiry Committee met four times to review these complaints. Last year, 131 complaints were received over the same time period.

Eighty-two of the complaints were related directly to the medication dispensed (either the incorrect drug, strength, quantity or dosage form was provided or counselling was not provided). The remaining fifty complaints involved concerns about privacy and confidentiality, unprofessional conduct, suspected unfitness, professional incompetence and other issues.

Forty-one complaints were resolved by accepting the responsible pharmacist's explanation and commitment to correct the identified problem. Fifty-nine letters of advice were sent to pharmacists. Fifteen complaints were determined to be irresolvable or unsubstantiated. Two matters related to suspected unfitness were dealt with using the Consent Order process. No concerns were referred to the Discipline Committee. A small number of complaints have not yet been resolved.

The Discipline Committee conducted one hearing from March 1, 2004 to February 28, 2005. The case involved a prescription, for a patient in renal failure, which had ambiguous physician's handwritten directions for use. The pharmacist dispensed the prescription with incorrect dosage instructions, without first clarifying them directly with the prescribing physician. The discipline panel agreed on a remediation plan aimed at increasing the pharmacist's knowledge about the care of patients in renal failure and improving the pharmacist's professional judgment and decision-making skills.

REGULATION STATISTICS

LICENSED PHARMACIES

Pharmacy Openings

Community 29

Total 29

Pharmacy Closings

Community 16

Hospital 2

Total 18

Net 11

Total Operating Pharmacies

Community 871

Hospital 67

Total 938

NUMBER OF REGISTRANTS

Practising 3751

Honourary Practising 3

Total 3754

NONPRACTISING REGISTER TRANSFERS

Transfer to 173

Transfer from 78

RETURN TO PRACTICE

Nonpractising members re-registered by
completing Return to Practice requirements 1

MUTUAL RECOGNITION AGREEMENT (MRA)

1 MAR. 04 - 28 FEB. 05

Qualifying candidates registered
as pharmacists 76

QUALIFYING CANDIDATES REGISTERED WITH THE COLLEGE 1 MAR. 04 - 28 FEB. 05

Outside Canada 58

Other Provinces/Territories 8

Completed registration as a pharmacist 51

UBC STUDENTS REGISTERED WITH THE COLLEGE

Year 1 85 students

Year 2 138 students

Year 3 123 students

Year 4 132 students

PHARMACY VISITS 1 MAR. 04 - 28 FEB. 05

Community pharmacies

Investigations 21

Long-term care services 21

Methadone services 34

Opening 48

Pharmacy services review 16

PharmaNet audits 84

Reinspection 6

Renovations/relocations 31

Routine 115

Site consultations 43

Hospital pharmacies

Routine 31

Renovations/relocations 0

Site consultations 2

Total 452

REGULATION STATISTICS - cont'd

COMPLAINTS RECEIVED 1 MAR. 04 - 28 FEB. 05

Medication-related	82
Privacy, confidentiality	10
Unprofessional conduct	18
Suspected unfitness	2
Substance abuse	1
Physical/mental ailment	1
Professional incompetence	3
Other	17
Total	132

DISPOSITION OF COMPLAINTS

Dismiss	15
Accept statement	41
Letter of advice	59
Visitation	4
Consent order	2
Extraordinary suspension	0
Refer to discipline	0
Total	121

(some complaints received are still in progress)

DISCIPLINE HEARINGS

Number	1
Disposition	
Suspension	0
Fine	0
Assess hearing costs	0
Registration cancellation	0
Remediation plan	1

ASSESSMENT STATISTICS

ENTRY-LEVEL ASSESSMENTS

OSCE ASSESSMENT


DATE OF ASSESSMENT	CANDIDATES	SUCCESSFUL
30 May 2004	1	1
6 November 2004	14	2
Total	15	3

JURISPRUDENCE EXAM

DATE OF ASSESSMENT	CANDIDATES	SUCCESSFUL
3 June 2004	39	38
18 November 2004	156	152
27 January 2005	23	22
Total	219	213

A special Jurisprudence Examination was held 9 September 2004, with 1 candidate successful

Grant Thornton LLP
Chartered Accountants
Management Consultants

Grant Thornton 

Auditors' Report

To the Members of
College of Pharmacists of British Columbia

We have audited the statement of financial position of the College of Pharmacists of British Columbia as at February 28, 2005 and the statements of revenue and expenditures, changes in net assets and cash flows for the year then ended. These financial statements are the responsibility of the College's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with Canadian generally accepted auditing standards. Those standards require that we plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

In our opinion, these financial statements present fairly, in all material respects, the financial position of the College as at February 28, 2005 and the results of its operations and changes in net assets and cash flows for the year then ended in accordance with Canadian generally accepted accounting principles.

Vancouver, Canada
June 3, 2005


Chartered Accountants

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STATEMENT OF FINANCIAL POSITION

February 28

	2005	2004
Assets		
Current		
Cash	\$1,582,958	\$1,164,844
Short term investments	377,681	365,843
Receivables	32,392	67,558
Prepays and deposits	35,571	81,810
Due from joint venturers	206	-
	<u>2,028,808</u>	<u>1,680,055</u>
Property and equipment (Note 3)	1,992,698	1,625,828
	<u>\$4,021,506</u>	<u>\$3,305,883</u>
Liabilities and Net Assets		
Liabilities		
Current		
Payables and accruals	\$ 761,281	\$ 277,520
Current portion of capital lease obligations (Note 5)	73,000	76,000
Deferred revenue (Note 4)	2,135,372	1,930,713
Due to joint venturers	-	66
	<u>2,969,653</u>	<u>2,284,299</u>
Capital lease obligations (Note 5)	207,349	190,687
	<u>3,177,002</u>	<u>2,474,986</u>
Net Assets		
Invested in capital assets	1,712,349	1,359,141
Unrestricted net assets	(867,845)	(528,244)
	<u>844,504</u>	<u>830,897</u>
	<u>\$4,021,506</u>	<u>\$3,305,883</u>

See accompanying notes to the financial statements.

STATEMENT OF CHANGES IN NET ASSETS

Year Ended February 28

			2005	2004
	Invested in Capital Assets	Unrestricted	Total	Total
Balance, beginning of year	\$1,359,141	\$ (528,244)	\$ 830,897	\$ 806,637
(Deficiency) excess of revenue over expenditures	(219,900)	233,507	13,607	24,260
Investment in capital assets	573,108	(573,108)	-	-
Balance, end of year	<u>\$1,712,349</u>	<u>\$ (867,845)</u>	<u>\$ 844,504</u>	<u>\$ 830,897</u>

STATEMENT OF REVENUE AND EXPENDITURES

Year Ended February 28

	2005	2004
Revenue		
Licence and registration fees	\$2,916,292	\$2,854,424
QC and student registrations	79,125	77,450
Other	939,130	771,547
Grants	120,000	120,000
Total revenue	<u>4,054,547</u>	<u>3,823,421</u>
Expenditures		
College	322,438	290,448
Pharmacy service review	37,241	40,739
Inquiry/discipline	30,640	30,531
Assessments	203,159	264,368
PharmaNet	17,750	6,757
Education	254,361	243,637
Salaries and benefits	2,239,038	2,100,849
General administration	716,413	693,794
Total expenditures	<u>3,821,040</u>	<u>3,671,123</u>
Excess of revenue over expenditures before the following	233,507	152,298
Depreciation and amortization	164,433	128,038
Loss on disposition of assets	55,467	-
Excess of revenue over expenditures	<u>\$ 13,607</u>	<u>\$ 24,260</u>

See accompanying notes to the financial statements.

STATEMENT OF CASH FLOWS

Year Ended February 28

	2005	2004
Cash derived from (used in)		
Operating		
Excess of revenue over expenditures	\$ 13,607	\$ 24,260
Depreciation and amortization	164,433	128,038
Loss on disposition	55,467	-
	<u>233,507</u>	<u>152,298</u>
Change in non-cash operating working capital		
Receivables	35,166	(41,143)
Prepays and deposits	46,239	53,711
Payables and accruals	483,761	(119,126)
Deferred revenue	204,659	(9,238)
	<u>1,003,332</u>	<u>36,502</u>
Investing and Financing		
Additions to capital assets	(491,312)	(21,498)
Short term investments	(11,838)	(17,813)
Due from joint venturers	(272)	113
Lease payments	(81,796)	(61,367)
	<u>(585,218)</u>	<u>(100,565)</u>
Net increase (decrease) in cash	418,114	(64,063)
Cash		
Beginning of year	1,164,844	1,228,907
End of year	<u>\$1,582,958</u>	<u>\$1,164,844</u>
Non-cash investing activities not included in cash flows:		
Capital assets acquired through capital leases	\$ 95,458	\$ 85,538

See accompanying notes to the financial statements.

NOTES TO THE FINANCIAL STATEMENTS

February 28, 2005

1. NATURE OF OPERATIONS

The College is a regulatory body for pharmacists and pharmacies of BC, to set and enforce professional standards of the profession. The College is incorporated under the *Pharmacists, Pharmacy Operations and Drug Scheduling Act* as a not-for-profit organization. For income tax purposes, the College is treated as a not-for-profit organization.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Revenue Recognition

Revenue is recorded on an accrual basis.

Property and Equipment

Property and equipment are recorded at cost and depreciated over their estimated useful lives using the following rates:

Building	5%, declining balance method
Furniture and equipment	10%-20%, declining balance method
Computer	30%, declining balance method
Software	50%, declining balance method
Building and leasehold improvements	straight line method over 5-10 years over term of lease plus one renewal option

During the year, the College changed its estimate of the useful life of leasehold improvements from five years to five to ten years.

Use of Estimates

In conformity with Canadian generally accepted accounting principles, management is required to make estimates and assumptions that could affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements, and the reported amounts of revenues and expenditures during the year. Actual results could differ from those reported.

Financial Instruments

The estimated fair value of cash, short term investments, receivables, payables, and capital lease obligations approximates carrying value due to the relatively short term nature of the instruments and/or due to the short term floating interest rates on borrowings.

NOTES TO THE FINANCIAL STATEMENTS - cont'd

February 28, 2005

3. PROPERTY AND EQUIPMENT

			2005	2004
	Cost	Accumulated Depreciation	Net Book Value	Net Book Value
Land	\$ 524,379	\$ -	\$ 524,379	\$ 524,379
Building	1,198,078	605,424	592,654	622,986
Furniture and equipment	648,220	201,199	447,021	327,964
Computer	530,700	443,116	87,584	107,498
Software	78,702	35,071	43,631	17,613
Building and leasehold improvements	597,788	300,359	297,429	25,388
	<u>\$3,577,867</u>	<u>\$1,585,169</u>	<u>\$1,992,698</u>	<u>\$1,625,828</u>

4. DEFERRED REVENUE

Deferred revenue represents the subsequent year's pharmacy licences and pharmacists' fees received prior to the year end.

5. CAPITAL LEASE OBLIGATIONS

The College is committed to pay annual leases for office equipment under lease agreements. These leases will expire at various dates between 2006 to 2010. At the end of the lease, the College has the option to purchase the equipment at the fair market value. Minimum annual lease commitments are as follows:

2006	\$ 73,000
2007	54,000
2008	51,000
2009	56,000
2010	46,349
	<u>280,349</u>
Less: current portion	<u>73,000</u>
	<u>\$ 207,349</u>

NOTES TO THE FINANCIAL STATEMENTS - cont'd

February 28, 2005

6. JOINT VENTURE

The College entered into an agreement dated March 3, 1989 to purchase a 30% interest in a joint venture set up to acquire and develop a property. The College occupies space in the building and pays rent to the joint venture. The College's proportionate share of assets and liabilities of the joint venture and revenue and expenses of the joint venture are as follows:

	2005	2004
Capital and other assets	\$1,222,397	\$1,234,474
Due to (from) joint venturers	206	(66)
Other liabilities	(46,532)	(30,767)
Equity in joint venture	<u>\$1,176,071</u>	<u>\$1,203,641</u>
Total revenues	\$ 284,468	\$ 282,893
Total expenses	155,096	173,654
Excess of revenue over expenditures	<u>\$ 129,372</u>	<u>\$ 109,239</u>

The above amounts are incorporated into these financial statements.

UBC CONTINUING PHARMACY PROFESSIONAL DEVELOPMENT

It has been yet another very busy and successful year for the Division of UBC–CPPD in British Columbia. Our Division has done an admirable job in tackling the challenge of providing continuing professional development (CPD) programs and activities over the past year, to help meet the educational needs of BC pharmacists, as well as to reflect the vision of both the College of Pharmacists of BC and the Faculty of Pharmaceutical Sciences at UBC. Interest in CPD continues to be high.

We have made significant progress with our numerous initiatives. One of our significant accomplishments includes the development of a comprehensive Business Plan for our Division. This new plan was developed in consultation with the Faculty of Pharmaceutical Sciences, the Regional Coordinators Network, and other stakeholders, and contains five goals. The goals, accompanied by selected first-year highlights, include:

1) Divisional makeover and restructuring (re-branding)

The Division underwent a name change to “Division of Continuing Pharmacy Professional Development”. Our new motto is “Learning for Lifelong Enrichment”.

2) Identifying continuing professional development needs

A comprehensive Needs Assessment Tool was developed to capture the learning needs, attitudes and perceptions of the membership regarding CPD. The results will help guide the decision-making process for planning CPD programs and identify trends for future programming. In addition, our Division continues to engage in dialogue with the College of Pharmacists of BC regarding the needs identified through PDAP assessments.

3) Develop and deliver quality continuing professional development programs, optimizing the use of existing, emerging and engaging technologies

a) Information and communication technologies - streaming media and macromedia breeze

Multimedia presentations delivered in ‘real time’ during three live UBC–CPPD conferences were transformed into viewer-friendly files using innovative technology, and were made available to pharmacists online. The presentations are available on our website at [www.pharmacy.ubc.ca/cppd/streaming_Media_files/soundpresentations%20\(revised\).html](http://www.pharmacy.ubc.ca/cppd/streaming_Media_files/soundpresentations%20(revised).html).

In addition, the UBC Faculty of Pharmaceutical Sciences has partnered with the BC Pharmacy Association, the College of Pharmacists of BC, and the Pharmacist Network, to provide an innovative communication solution to pharmacy professionals throughout British Columbia. Our Division is pleased to have access to this specialized software that will allow us to conduct real-time web conferences as well as asynchronous educational programming. We are currently developing strategies for various pilot projects using this innovative technology.

b) “Cold Chain Management of Vaccines” Home Study Program (print-based)

The Division was pleased to develop and provide this CCCEP-accredited, distance-education program to all pharmacists in British Columbia.

c) Canadian Pharmacy Practice Programme

The Division planned the launch of the new program, the Canadian Pharmacy Practice Programme (CP3) for Spring 2005. This 12-week program is designed to help foreign-trained pharmacists prepare themselves for practice in Canada, help Canadian-trained pharmacists re-enter practice after an extended absence and provide core competencies for practising pharmacists.

d) Regional Coordinators Network Programs

Vital to our efforts is the Regional Coordinators Network of 34 volunteer pharmacists, who facilitate delivery of high quality CPD programs and activities throughout the province. Programs and activities from the various regions include 1-2 day conferences, evening events, study group sessions, interdisciplinary CPD programs and small group learner-centered sessions. We are grateful for their contributions to the ongoing success of CPD in BC.

4) Explore and develop new and innovative programs for certification and/or enhancing professional credentials

In the near future it is anticipated that pharmacy practitioners with expanded competencies will be in demand to provide care in selected practices. To respond to this demand, the Division is exploring the development of structured educational programs, or Certificate Programs, to help meet the educational need for this specialized training. In addition, it is our vision that these learning opportunities could effectively support, facilitate and advance the credentialing process, currently under development by the College of Pharmacists of BC’s Advanced Practitioners Credentialing Committee.

UBC CONTINUING PHARMACY PROFESSIONAL DEVELOPMENT - cont'd

UBC-CPPD PROGRAM ACTIVITIES 2004-05

	PROGRAMS		CONTACT HOURS		REGISTRATIONS	
	No.	% of Total	No.	% of Total	No.	% of Total
Vancouver Area	9	6	23.50	7	401	18
Non-Vancouver						
UBC Programs	24	17	55.00	18	653	29
RC Programs	59	42	89.75	29	565	25
Independent Study	48	34	145.25	46	658	29
Total	140		313.50		2,277	

This table summarizes the program activities of the University of British Columbia's Division of Continuing Pharmacy Professional Development (UBC-CPPD) for 2004/05. Figures quoted under "Registrations" indicate the total number of registrants (pharmacists and others) for the programs.

5) Design and conduct research projects to foster continuous quality improvement, innovation and excellence

The Division is currently involved with a number of Faculty and Divisional research initiatives that focus on quality improvement of continuing professional development activities, practice innovation, and teaching and learning strategies.

As a self-supporting unit, UBC-CPPD relies on unrestricted educational grants from a number of external companies and organizations. We greatly appreciate the support they have provided. Because of the generous contributions we have received from these companies, registration fees are kept at a manageable level for pharmacists.

Although continuing professional development is not mandatory for pharmacists in BC, pharmacists participate in the annual "CEU Review" and receive recognition from both UBC-CPPD and the College of Pharmacists of BC. The number of pharmacists who participate in this activity continues to grow.

We are grateful for the generous support provided by the College of Pharmacists of BC and the Faculty of Pharmaceutical Sciences at UBC, and their ongoing commitment to the lifelong learning in pharmacy in British Columbia. The significant contributions made by Dean Robert Sindelar, Dr. David Fielding, Linda Lytle, Doreen Leong, Sharon Kerr, and the Regional Coordinators Network to the viability of UBC Continuing Pharmacy Professional Development are most sincerely appreciated. Special thanks goes to Dr. Catherine Ekeland, Sandi Huddy, and Louanne Twaites for their continued assistance to the Division.

Respectfully submitted,

JANICE MOSHENKO
Director

UBC FACULTY OF PHARMACEUTICAL SCIENCES

Your UBC Faculty of Pharmaceutical Sciences has been intensely involved in three major reflective undertakings this year; 1) a strategic planning process to help chart our pathway for the future, in terms of the five pillars of UBC's Trek 2010 Strategic Plan (learning, people, research, community and internationalization); 2) a self-study in preparation for a CCAPP accreditation site visit in November 2005; and 3) an extensive program outcomes evaluation especially looking at all four years of the curriculum and our admission process. We are excited about our developing vision for the future, but recognize that evaluation and reflection upon our current achievements and outcomes provides the critical foundation to achieve future excellence. We are committed to make a degree earned from UBC worth more every day. While we have identified enhancements to implement and innovations to explore, your Faculty has completed another outstanding year. As I review the events and accomplishments of our Faculty during the past academic year, I realize how important each and every contribution the practitioners of this province, our alumni, our partners, and our friends provide to assure that we create an excellent and caring, yet challenging learning environment to prepare our students for the rapidly changing world of health care. Your Faculty is committed to move to the next level, preeminence. We are aggressively enhancing our infrastructure to support world-class learning and research, providing innovative solutions to key pharmacy stakeholders and decision makers in health care, education, and research. The Faculty is building strong partnerships with leaders in the profession, the Provincial government, the pharmaceutical industry, and the biotech industry across BC and Canada. Partnered with your Faculty of Pharmaceutical Sciences, we make an unbeatable team now and into the future. This past year has been a good one and the future is even brighter!

As we strive to better meet the needs of the profession, this past Fall we implemented the second year of our new practice-oriented B.Sc. (Pharm) curriculum along with an extensive evaluation system to assure we achieve our expected outcomes and foster continuous quality improvement. The UBC Faculty Senate has now approved the third and fourth years of the curriculum for implementation. One of the successful enhancements made to our existing and new curriculum is the continued integration of pharmacy practitioners as instructors in the pharmacy practice laboratories and small-group learning environment, known as "Cases in Pharmaceutical Sciences" (CAPS), that integrates all course learning into scenarios

that practising pharmacists experience daily. This May we will admit our first students into the Canadian Pharmacy Practice Program (CP3) designed to assist pharmacy graduates from outside of Canada prepare for practice in Canada. This year we also announced a "first" in Canada, creating new learning partnerships with community pharmacy practice settings similar to those historically created with hospitals. Yes, we will have faculty members contributing their clinical expertise to create new chronic disease management paradigms in community pharmacies that will also serve as a rich learning environment for students of all levels as well as current practitioners. In addition, our students have the opportunity to undertake experiential learning as part of interprofessional teams in some of BC's most health care-challenged communities. Imagine our students, learning and providing quality patient care as part of a team with medical students, nursing students, and students of other health care professions. We have invested even more energy and funding to better meet the needs of our students through a dedicated Office of Student Services. This academic year, we held our first "White Coat" Ceremony, an event symbolizing our students' commitment to the profession. BC Minister of Health Services, the Honourable Colin Hansen, and leaders from all segments of the BC pharmacy community attended and were coat presenters.

We are working very closely with university leadership, the provincial government, and pharmacy stakeholders to create a plan to enhance financial support for your Faculty, increase the size of our enrolment, and improve the physical facilities in which our students learn. Our seats for admission in Fall 2005 will increase from 140 students to 152 with a commitment to further increases in the near future. We continue to build upon our strong research capabilities to help close the gap in our quest to first understand disease, then to conquer it, while simultaneously studying the workings of the health care system. We are continuing to enhance our environment for quality learning, effective communication, practical research discovery and "true" partnerships to contribute to our mutual goals to enhance the health and well being of the residents of British Columbia. We appreciate your continued support and promise to work ever harder in the coming years to meet the needs of our students, our profession, and our society.

UBC FACULTY OF PHARMACEUTICAL SCIENCES - cont'd

I would like to highlight some significant events, accomplishments, and achievements of the past year that will serve as our foundation for the future:

FACULTY HIGHLIGHTS 2004-2005

- The **Vancouver Hospital Pharmacy Residency Program** received a full four-year accreditation by the Canadian Hospital Pharmacy Residency Board.
- **Drs. Bob Sindelar, Mary Ensom, Helen Burt and Marc Levine** participated in a panel called "Drug Discovery Working for You", as part of the Research Awareness Week at Robson Square. Our Faculty also hosted a very successful panel discussion entitled "Discoveries Driving Innovation in Drug Development – Partnerships between Academia, Biotech and Pharmaceutical Companies".
- **Dr. Gail Bellward** officially retired in June 2004, but continued to receive honours. The Society of Toxicology of Canada, awarded Gail with the Award of Distinction for 2004, for her outstanding and sustained contributions to the science of toxicology in Canada. Dr. Bellward was the first woman recipient and only the 6th scientist to receive this prestigious award.
- **Dr. Helen Burt** returned from sabbatical and took up her position as Associate Dean of Research and Graduate Affairs on July 1, 2004.
- **Dr. Brian Cairns** received the GlaxoSmithKline CSPS Early Career Award.
- **Drs. Tom Chang and Kishor Wasan** were named Distinguished Junior Scholars, as recognition for their excellence in research and/or teaching and learning.
- **Dr. Tom Chang** was appointed as an Associate Editor of the Canadian Journal of Physiology and Pharmacology until 2006.
- **Dr. Elaine Chong**, our 2003 Pharm D graduate, accepted a Post-doctoral Fellowship with the CIHR Strategic Training Program – Transdisciplinary Understanding and Training on Research – Primary Health Care (TUTOR-PHC). Elaine is the first pharmacist accepted into this program.
- **Dr. Adam Frankel** joined the Faculty in the Division of Biomolecular and Pharmaceutical Chemistry as an Assistant Professor on January 1, 2005.
- **Dr. Urs Hafeli** was appointed as an Assistant Professor in the Division of Pharmaceutics and Biopharmaceutics, effective July 1, 2004.
- **Dr. Peter Jewesson** announced the Vancouver Hospital Home IV Antibiotic Program completed its eighth year of successful operation. This is a prime example of our commitment to improving the delivery of health care to our patients. Dr. Jewesson was elected to the CSHP (National) Board of Fellows for a three-year term. Effective September 1, 2004, Dr. Jewesson assumed the added responsibility as Chair (Acting) of the Clinical Pharmacy Division until June 30, 2005.
- **Dr. Rosemin Kassam** was appointed to the BC Medical Services Foundation Scientific Advisory Committee.
- **Dr. Sid Katz** was appointed Managing Director of the Chan Center for Performing Arts. Dr. Katz was honoured with a "Michael Smith Award for Science Promotion", for his contributions to science awareness and public education.
- **Dr. Angela Kim-Sing** joined the Faculty as a Lecturer and SPEP Coordinator of the Pharmacy 469 clerkships.
- **Dr. Peter Loewen** accepted a cross-appointment as an Associate Professor with the Vancouver Hospital and the Faculty of Pharmaceutical Sciences.
- **Dr. Larry Lynd** was a welcome addition to the Division of Pharmacy Practice, when he was appointed as an Assistant Professor on September 1, 2004. He also serves as a Research Scientist/Epidemiologist at the Center for Clinical Epidemiology and Evaluation at the Vancouver General Hospital. Dr. Lynd has since become the Associate Director of the Collaboration for Outcomes Research and Evaluation (CORxE) group.
- **Dr. Kathleen MacLeod** completed her year as Acting-Associate Dean of Research in June, 2004.
- **Dr. Fatima Marankan** joined the Faculty as a Lecturer in the Division of Biomolecular and Pharmaceutical Chemistry in April 2004.
- **Dr. Carlo Marra** was appointed as a Research Scientist within the Arthritis Research Center of Canada. Effective September 1, Dr. Marra was welcomed to the Faculty as an Assistant Professor in the Division of Pharmacy Practice and Head of the Health Economics Programme at the Vancouver Coastal Health Research Institute. While attending an annual meeting for the International Society of Quality of Life Research in Hong Kong, Dr. Marra received a New Investigator Award and won the top podium presentation award. Dr. Marra took on the added duties as Director of the Collaboration for Outcomes Research and Evaluation (CORxE) group.

- **Dr. Lucy Marzban**, one of our PhD graduates in 2001, received the "Award for Outstanding Achievement by a Postdoctoral Fellow" from the BC Research Institute for Children & Women's Health.
- **Dr. John McNeill** was the recipient of the 2004 AFPC Janssen-Ortho Pharmaceutical Research Award.
- **Ms. Marion Pearson** completed her appointment as Acting Director of Student Affairs, while **Marguerite Yee** was on sabbatical.
- **Ms. Rola Khalil-Priatel** returned from maternity leave in August, to a restructured and renamed Medication Info UBC. MIUBC now provides evidence-based medication information through public presentations relating to a variety of senior, herbal and women's health issues.
- **Dr. Ingrid Price** was nominated and appointed to the position of UBC Councillor for the Association of Faculties of Pharmacy of Canada for a three-year term, ending in June, 2007.
- **Dr. Wayne Riggs** received the Bristol Myers Squibb Teaching Award, as voted for by the students. Wayne also completed his term as Acting Associate Dean of Graduate Studies in June 2004.
- **Dr. Brian Rodrigues** was the recipient of the 2004 UBC Killam Teaching Prize and the graduating class also voted for Dr. Rodrigues to receive the Master Teacher Award. Dr. Rodrigues received an appointment as NRC Chair by the Canadian Diabetes Association.
- **Dr. Kishor Wasan** was named as one of the 25 Up-and-Coming Innovators in British Columbia by the BC Business Magazine, for his discovery of how a novel phytosterol compound blocks the absorption of cholesterol from the GI tract. Dr. Wasan, in partnership with Merck-Frosst, has established a new Graduate Student Internship Program. Dr. Wasan and the Gattefosse Corporation have also established a new American Association of Pharmaceutical Sciences Lipid-Based Drug Delivery Award.

FACULTY DEVELOPMENT 2004-2005

- The Faculty of Pharmaceutical Sciences has received contributions from individuals, industry, retail pharmacy and associations totaling over \$1.2 million for the period April 1, 2004 to March 31, 2005 from 551 donors. These donations enabled the Faculty to establish endowment funding for research, awards, program support and structured pharmacy education opportunities for undergraduate and graduate students.
- The Faculty raised \$10,106 for the Faculty of Pharmaceutical Sciences Scholarship Fund and \$33,304 for the Faculty of Pharmaceutical Sciences Bursary Fund.
- In honour of Dr. Gail Bellward's retirement and outstanding contribution to UBC during her tenure at the Faculty (1966 – 2004), colleagues and friends established the Gail Bellward Scholarship in Pharmaceutical Sciences, to assist graduate and undergraduate students with increasing tuition fees. The goal was to raise \$20,000 toward this fund; to date, \$17,500 has been raised for this worthwhile cause.
- The 15th Annual Bernie Riedel Golf Tournament attracted 247 golfers on June 7 and raised just under \$28,000 for pharmacy practice education and research at the Faculty of Pharmaceutical Sciences, UBC.
- The Faculty partnered with Cobalt Pharmaceuticals and Save-On-Foods to establish a Disease State Management Program at Save-On-Foods Metrotown store in Burnaby. A second partnership was formed with Shoppers Drug Mart, to establish a Disease State Management Program at the Highgate Village location in Burnaby. These partnerships are some of the first of their kind in a retail food store and national-wide community chain environment. These highly specialized programs will provide pharmacy customers with individualized medication management for chronic disease areas such as asthma, diabetes, hypertension, hyperlipidemia, and others. The goal of the program is to augment current services with an enhanced focus for patients with chronic diseases that require more intensive management to assure optimal health outcomes.
- Waters Limited, manufacturers of high performance liquid chromatography (HPLC), mass spectrometry (MS), thermal analysis (TA) and rheology products donated a mass spectrometer to the Faculty. This in-kind donation, valued at \$274,532, will assist our Faculty in developing the technology for a model bioinformatics-registry called Pharmacogenomics Registry for Individualized

Medicine (PRIME). Waters Corporation holds worldwide leading positions in three complementary analytical technologies: liquid chromatography, mass spectrometry, and thermal analysis. These market segments account for \$4.4 billion of the overall \$20 billion analytical instrumentation market. Waters Corporation is a multi-national, publicly traded corporation (NYSE: WAT) and a member of the Standard and Poor's 500 index.

- The Faculty of Pharmaceutical Sciences partnered with the BC Pharmacy Association, the College of Pharmacists of BC, and the Pharmacist Network, to provide an innovative communication solution to pharmacy professionals throughout British Columbia. This unique partnership between academia, professional associations and industry, is the first of its kind in North America. The specialized software allows users to conduct real-time online meetings and collaborations including Microsoft PowerPoint slides, live and recorded video, live screen sharing, application sharing, audio, and two-way text communication. "Delivering innovative real-time continuing pharmacy development programs will be a tremendous benefit to British Columbia's pharmacy professionals that wish to enhance their knowledge, skills and abilities," said Janice Moshenko, Director of Continuing Pharmacy Professional Development of UBC's Faculty of Pharmaceutical Sciences.

RETIREMENTS

- **Dr. Gail Bellward** officially retired on June 30, 2004, from her academic position of Professor, Division of Pharmacology & Toxicology, Faculty of Pharmaceutical Sciences, UBC, following 38 years of exemplary contributions in her roles as academic, researcher, and senior administrator.
- **Ms. Mary Battell**, a Research Scientist and Laboratory Manager for Dr. John McNeill's laboratory retired on February 28, 2005 after 22 years of dedicated service at UBC.

RESEARCH

- The Faculty significantly increased its total research funding from \$3.82 million in 2003-04 to \$4.76 million in 2004-05. The total number of researchers obtaining the highly competitive Canadian Institutes of Health Research (CIHR) operating grants also increased from 6 to 11 in the past year.
- A group of investigators received a CIHR Major Equipment grant of \$500,000 for the purchase of a new HPLC/MS/MS (tandem HPLC mass spectrometer).
- New faculty recruited to the Faculty in the past year have been very successful in obtaining funding for their research. Examples include, **Dr. Urs Hafeli** received a CIHR grant; **Dr. Larry Lynd** and **Dr. Carlo Marra** have received significant large grants from pharmaceutical companies and Vancouver Coastal Health Authority; **Dr. Marra** received funding from the National Centers of Excellence program.
- The Faculty is undertaking major new projects in communication of its research and graduate programs. A new research e-newsletter entitled "PORxTAL" was initiated in January 2005. A new website was launched in January 2005, with a complete revision of all research and graduate programs content and information.
- The Faculty's graduate program is being revised and developed as a comprehensive and interdisciplinary training program and will be launched later this year.
- Several faculty members received major research awards, including **Dr. Sid Katz** (Michael Smith Award for Science Promotion), **Dr. Gail Bellward** (Society of Toxicology of Canada Award of Distinction), **Dr. Brian Cairns** (GlaxoSmithKline CSPA Early Career Award), **Dr. Carlo Marra** (New Investigator Award, International Society of Quality of Life Research), **Dr. John McNeill** (AFPC/Janssen-Ortho Pharmaceutical Research Award).

TEACHING AWARDS

- **Dr. Brian Cairns** is the recipient of the 2005 UBC Killam Teaching Prize.

Respectfully submitted by:
ROBERT SINDELAR
Dean

UBC FACULTY OF PHARMACEUTICAL SCIENCES - cont'd

HIGHLIGHTS

GRADUATES WITH B.Sc.(Pharm.)

DATE	MALE	FEMALE	TOTAL
May 2004	39	87	126
Nov. 2004	1	0	1
Total	40	87	127

GRADUATE DEGREE STATISTICS 2004-05

DEGREE	MALE	FEMALE	TOTAL
M.Sc.	4	0	4
Ph.D.	4	0	4
Pharm.D.	3	5	8
Total	11	5	16

PHARMACY RESIDENCY PROGRAM GRADUATES 2004-05

PROGRAM	MALE	FEMALE	TOTAL
Hospital	5	15	20
Community	0	1	1
Total	5	16	21

ADMISSIONS BY COLLEGE DISTRICT 2004-05

COLLEGE DISTRICT	NO. ADMITTED
1. Metro Vancouver	68 (49%)
2. Fraser Valley	29 (21%)
3. Vancouver Island/Coastal	13 (9%)
4. Kootenay/Okanagan	14 (10%)
5. Northern BC	8 (6%)
Outside BC	8 (6%)
Total	140

ENROLMENT STATISTICS 2004-05

YEAR	MALE	FEMALE	TOTAL
First	49 (35%)	93 (65%)	142
Second	51 (37%)	85 (63%)	136
Third	50 (36%)	90 (64%)	140
Fourth	44 (30%)	101 (70%)	145
Undergrad Sub-Total	194 (34%)	369 (66%)	563
M.Sc.	16 (70%)	7 (30%)	23
Ph.D.	14 (82%)	3 (18%)	17
Pharm.D.	5 (36%)	9 (64%)	14
Graduate Sub-Total	35 (65%)	19 (35%)	54
Total	229 (37%)	388 (63%)	617

THE COLLEGE OF PHARMACISTS OF BC LISTS

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Marina Ma, *Government Appointee*

Michael MacDougall, *Government Appointee*

Peter Rubin, *Government Appointee*

Robert Sindelar, *Dean, Faculty of Pharmaceutical Sciences, UBC*

HONOURARY COLLEGE MEMBERS

Leroy Fevang

Dr. Finlay Morrison

Dr. Bernard Riedel

Norman Thomas

STAFF

Neetika Bains, *Administrative Assistant – Registration Program*

Kitty Chiu, *Administrative Assistant – Reception*
(December 04–February 05)

Cory Cyr, *PharmaNet Coordinator* (July 04–February 05)

Zahida Esmail, *Quality Outcomes Specialist*

Elsie Farkas, *Administrative Assistant – Registrations/Licensure*

Angela Gordon, *Administrative Assistant*
(March 04–September 04)

Donna Hayward, *Quality Outcomes Specialist*

Kristi Hirsh, *PharmaNet Coordinator* (March 04–June 04)

Sharon Kerr, *OnCall Pharmacist/Quality Outcomes Specialist*

Ashifa Keshavji, *Assessment Programs Administrator*

Samantha Lam, *Administrative Assistant – Registrar*

Doreen Leong, *Assessment Programs Director*

April Lightbown, *Administrative Assistant – Office Services*
(June 04–February 05)

Susan Lo, *Administrative Manager*

Christine Louie, *Administrative Assistant* (March 04–December 04)

Linda Lytle, *Registrar*

Josefina Marchetti, *Administrative Assistant – PharmaNet*

Mary McClelland, *Coordinator – Methadone Program Services*
(November 04–February 05)

Sharon McLachlan, *Administrative Assistant – Assessment Programs*

Margaret McLean, *Quality Outcomes Specialist*

Carol O'Byrne, *Assessment Programs Consultant*

Brenda Osmond, *Deputy Registrar*

Geeta Parmar, *Administrative Assistant – Professional Services*

Melva Peters, *PharmaNet Coordinator* (March 04–January 05)

Susan Platt, *Administrative Assistant* (May 04–February 05)

Regan Ready, *Quality Outcomes Specialist*

Alan Samuelson, *Quality Outcomes Specialist*

Lori Tanaka, *Administrative Assistant – Assessment Services*

Elizabeth Winter, *Quality Outcomes Specialist*

THE COLLEGE OF PHARMACISTS OF BC LISTS - cont'd

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CREDENTIALING

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 Dr. Alan Low, *Consultant*
 Dr. Dana Cole
 Greg Fong
 Ken Foreman
 Dr. Rosemin Kassam
 Ken McCartney
 Janice Moshenko
 Paul Polachek
 Glen Schoepp
 Dr. Suzanne Taylor
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 Michael MacDougall
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 Marguerite Yee

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 Marylene Kyriazis
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 Jack da Silva
 Cameron Egli
 John Hope
 Dr. Anita Lo
 Keith MacDonald
 Bruce Millin
 Linda Morris
 Shelley Novak
 Kevin Peters
 Paul Vance

INQUIRY

Allen Jang, *Chair*
 (until Sept. 15, 2004)
 Linda Bryan, *Chair*
 (from Sept. 17, 2004)
 Amin Bardai
 Heather Baxter
 George Budd
 Gordon Eddy
 Janice Munroe
 Betty Nielson
 Barbara Thompson
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 Elaine Ho
 Martin Hyde
 Ada Leung
 Gabrielle Lo
 Brenda O'Leary
 Parkash Ragsdale
 Peggy Tam
 Lindsay Zakkour

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 Connie Chung
 Gianni DelNegro
 Susy Fung
 Sylvia Ghoshal
 Hesham Metwaly
 Diana Smedstad
 Pamela Sue
 Maria Yen

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Lorna Kroll, *Chair*
 Grace Barrington-Foote
 Peter Cook
 Melissa Haynes
 Stephen Liang
 Joanne Logie
 Sam Louie
 Janice Moshenko
 Marion Pearson

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 Connie Chung
 Megan Cross
 Neeta Desai
 Cindy Ho
 Raymond Jay
 Melanie Johnson
 Tamiz Kanji
 Jack Lee
 Miguel Lopez-Dee
 Robin Manweiler
 Shadi Mash-Hadi Sharif
 Jasvinder Sandhu
 Gurinder Saran
 Pamela Sue
 Adeline Tan
 Maria Ton
 Susan Troesch
 Thomas Tse
 Samantha Wong

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 Elaine Ho
 Martin Hyde
 Ada Leung
 Gabrielle Lo
 Brenda O'Leary
 Parkash Ragsdale
 Peggy Tam

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 Melva Peters
 Peter Rubin
 Dr. Steve Shalansky
 Dr. Brian Taylor

RESOLUTIONS

Marina Ma, *Chair*

COLLEGE *of* PHARMACISTS
OF BRITISH COLUMBIA

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