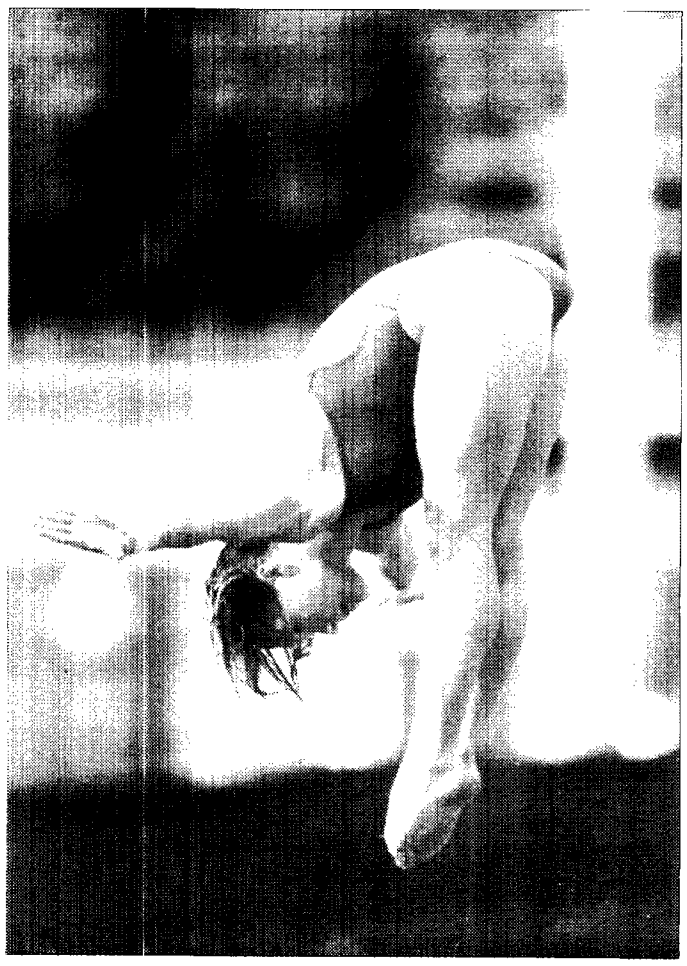
THE UNIVERSITY OF BRITISH COLUMBIA

UBC REPORTS

Volume 40, Number 14 September 8, 1994

UBC athletes take home medals

C. Andersen photo/Canadian Sport Images



F.S. Grant photo/Canadian Sport Images

Three UBC athletes turned in medal performances during the Commonwealth Games last month. Games veteran Graeme Fell, left, won the bronze medal in the steeplechase, while Paige Gordon, right, won silver medals in the three-metre springboard and the 10-metre platform events. Swimmer Kevin Draxinger also won a silver medal.

by Abe Hefter

Staff writer

Three UBC athletes who competed in last month's Commonwealth Games in Victoria won a total of four medals.

Diver Paige Gordon won two silver medals, swimmer Kevin Draxinger won a silver and runner Graeme Fell won a bronze medal.

Gordon took her medals and a pool full of confidence with her to Rome this week for the World Aquatics Championships which run until Sept 11.

The UBC Arts student posted second-place finishes in the three-metre springboard event and the 10-metre platform competition for her best Commonwealth Games showing to date.

"This has been an important meet in terms of dealing with pressure," said Gordon following her second silver-medal-winning performance. "From that perspective, it's been very good for the diving team's confidence.

"However, the real test will come in Rome at the world championships."

Gordon finished second to Anne Montminy of Montreal in the 10-metre platform competition, Aug. 20. Five days later, she came within a whisker of taking the gold medal in the three-metre final.

"It's too bad we didn't tie," said Gordon, referring to the first-place finish posted by teammate Annie Pelletier of Montreal.

"I'm very proud of Annie."

See Page 9 for stories on Kevin Draxinger and Graeme Fell

This was Gordon's second taste of Commonwealth Games competition. She won a bronze medal in the 10-metre platform in Auckland in 1990.

A four-year veteran of international competition, the 21-year-old from West Vancouver is part of a strong Canadian diving contingent that is being counted on to challenge the Chinese, Germans and Russians for space on the medal podium in Rome.

"We're a very good team, definitely in the top six worldwide," said Gordon.

"We're going to take this experience to Rome and blow them away," she said with a self-effacing grin.

After Gordon helps Canadian divers "blow away" the competition at the World Championships, she'll return to UBC and begin her third-year studies in International Relations.

"I really enjoy going to school. It's very important to me," said Gordon. "It takes my mind off sport and puts things into perspective a little bit."

Lawyer to lead inquiry into charges of sexism, racism in Political Science Dept.

Vancouver lawyer Joan McEwen will lead an inquiry into charges of racism and sexism among some faculty members in the Dept. of Political Science. Professors emeriti Margaret Prang, from the Dept. of History, and Ross Stewart, from the Dept. of Chemistry, have also been selected as academic advisors to help with the investigation.

The independent review was unanimously endorsed and requested by faculty members in August following allegations made by a group of graduate students. Some of the complaints are that department members are more responsive in class to male and Caucasian students, and that they do not treat women as the intellectual equals of men.

"Specific grievances have been responded to in accordance with established department and university procedures and we are concerned that some individuals are still not satisfied," said Donald Blake, head of the Dept. of Political Science. "It is our belief that an independent review will help us move forward in our efforts to provide a supportive environment for our students and to deal with allegations which are detrimental to

*See **INQUIRY** Page 2*

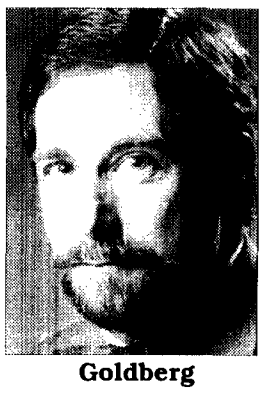
Loss of Quebec would harm stability

Study predicts economic volatility

by Abe Hefter

Staff writer

The Canadian economy would experience marginally increased growth and a higher degree of volatility in the form of booms and busts if Quebec leaves Canada, according to a UBC study of the risks and returns of Quebec separation.



Goldberg

The study, by Michael Goldberg, dean of the Faculty of Commerce and Business Administration, and Commerce Prof. Maurice Levi, is the first empirical attempt to apply the principles of portfolio theory — developed in the field of finance — to explore the political organization of a federalist state.

"Diversity is essential to the growth and stability of any financial portfolio, whether it's a personal portfolio of stocks or bonds, or the portfolio of provinces and territories we call Canada," said Goldberg.

"Quebec adds noticeably to the diversification of Canada. Without Quebec, Canada would enjoy higher growth, since Quebec has grown less rapidly than Canada as a whole. However, this higher growth would come at the expense of increased volatility in the form of more frequent booms and busts, resulting in more bankruptcies and employment instability.

"Taking Quebec out of the portfolio we call Canada would be a risky affair."

Governments gain from the diversity of the economies they manage, the authors write. Diversity has significant benefits for national fiscal management since the more diverse the constituent provincial and regional economies, the higher and/or more stable the revenue base. This provides a greater ability to maintain living standards across regions.

"It may be hard for people to under-

*See **QUEBEC** Page 2*

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A group of 15 dedicated individuals comprises UBC's Board of Governors

Letters

Is UBC training or educating?

Editor:

In the Aug. 11, 1994 issue of *UBC Reports*, an article on the economic impact of UBC quotes President David Strangway: "UBC is a leader in innovation, productivity and job creation. The resulting links between UBC researchers and industry have enabled students to receive up-to-date undergraduate and graduate training from highly skilled and dedicated faculty and internationally respected visiting scholars." It is curious that the word "education" was not mentioned by either Strangway or the article's author.

I thought that the purpose of a university is to educate people to become critical and imaginative thinkers. Strangway's quote implies otherwise; we are all here to become "productive" and "trained" and achieve "higher incomes."

F.C.S. Tsai
Dept. of Chemistry

Inquiry

Continued from Page 1

students, faculty and the university."

Terms of reference for the investigation were established by the deans of Arts and Graduate Studies in consultation with Albert McClean, associate vice-president, Academic. The terms are:

- to determine whether, or to what extent, there is any basis for allegations of racism and sexism within the department, particularly in its treatment of graduate students;
- to review any actions taken within the university in response to the allegations;
- and to inquire into further matters, if any, that arise out of the inquiry.

Based on the conclusions arrived at under these terms, McEwen's report will advise deans on whether the response of the university has been adequate. It will also make general recommendations on measures or actions that should be taken. No recommendations will be made on punitive actions that might be taken with respect to specific individuals. The terms of reference were reviewed by representatives from the Graduate Student Society and the Faculty Association.

Daniel Birch, vice-president, Academic and Provost, said that while the inquiry is being conducted in private, findings will be made public and distributed to faculty and graduate students in the department. There is no completion deadline for the inquiry's report.

Quebec

Continued from Page 1

stand how, for example, two volatile stocks can result in a stable portfolio. However, they balance each other out," said Goldberg.

"A portfolio is more stable than any of its specific elements. In preparing this report, we came to the conclusion that Canada turns out to be a reasonably efficient portfolio of provinces and territories when the gross domestic product, the value of goods and services produced within each province, is the bottom line."

Goldberg and Levi contend that even if they had the freedom to balance the country by making some parts bigger and smaller, while eliminating others, the Canadian portfolio could not be substantially improved upon in their portfolio context.

The authors took their research a step further by determining the growth rate and standard deviation of the growth rate for Canada under a variety of alternative combinations of the Canadian provinces.

If secession of Quebec meant the loss of Atlantic Canada as well, the increased volatility would be even more noticeable, though growth would not be affected, as opposed to losing only Quebec.

"Quebec, the Atlantic provinces, B.C. and Alberta all add to the portfolio of provinces that is Canada by providing economic diversification benefits to the nation as a whole," said Goldberg.

"This should make us appreciate the portfolio of provinces we have inherited, and the economic strength that flows from our regional economic diversity."

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Search For A New Vice-President, Student and Academic Services

Nominations for the position of Vice-President, Student and Academic Services, are now being called for. The search for this position is limited to internal candidates. The deadline for nominations is September 30, 1994.

Please forward nominations to the office of President David Strangway, Room 107, Old Administration Building, 6328 Memorial Road.

Members of the Advisory Committee on the Appointment of a Vice-President, Student and Academic Services are:

Dr. Dan Birch	Vice-President, Academic
Mr. Bill Dobie	Alma Mater Society, President
Ms. Gail Edwards	Graduate Student Representative
Dr. Robert Kubicek	Arts, Associate Dean
Dr. Barry McBride	Science, Dean
Ms. Mary Risebrough	Housing, Director
Mr. Larry Sproul	International Liaison, Director
Prof. Elaine Stolar	Social Work, Director
Ms. Mary Stott	Student Resource Centre, Director
Dr. David Strangway (Chair)	President

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Friday, September 23, 1994
8:00 p.m.
MOZART String Quartet in D Minor K421
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COULTHARD Of Fields and Forests* for Solo Harp *World Premiere
SCHAFER Theseus for Harp and String Quartet
West Point Grey United Church
4598 West 8th Ave. (at Tolmie)
Tickets available at the door:
Adults $16, Students & Seniors $13.
We gratefully acknowledge the support of the City of Vancouver

UBC REPORTS

UBC Reports is published twice monthly (monthly in December, June, July and August) for the entire university community by the UBC Community Relations Office, 207-6328 Memorial Rd., Vancouver B.C., V6T 1Z2.

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UBC Reports welcomes the submission of letters and opinion pieces. Opinions and advertising published in UBC Reports do not necessarily reflect official university policy.

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John Chong photo

Graduation Day

Students Carla Voyageur, left, and Stephanie Roberts were among 25 First Nations students who recently received certificates as graduates of the third Synala Honours Program, a six-week university orientation for grade 11 students from B.C. schools. Synala, which in the Kwakwala language means "the circle is complete," takes a holistic approach based on the four components of the Medicine Wheel — intellectual, emotional, spiritual and physical. Synala students live on campus, attend courses and take part in university and community events. The goal is to reduce apprehension about university and encourage students to pursue post-secondary education. The program is run by First Nations Health Careers under the auspices of the First Nations House of Learning and the co-ordinator, Office of Health Sciences. It is jointly funded by the ministries of Education and Skills, Labour and Training.

Rentsline puts roofs over heads of student body

by Connie Filletti

Staff writer

UBC students looking for a place to live can find one at the touch of a fingertip, thanks to RentsLine, a computerized off-campus housing registry of rental listings for the Greater Vancouver Regional District.

The system was introduced by the Alma Mater Society (AMS) last year to replace the manual service previously provided by the Housing and Conferences Dept.

Students registered at UBC and holding a valid AMS card are eligible to use the registry year round, 24-hours-a-day from anywhere in the world. Long distance service charges apply but local calls are free. In addition to looking for accommodation, students can advertise for roommates at a nominal cost.

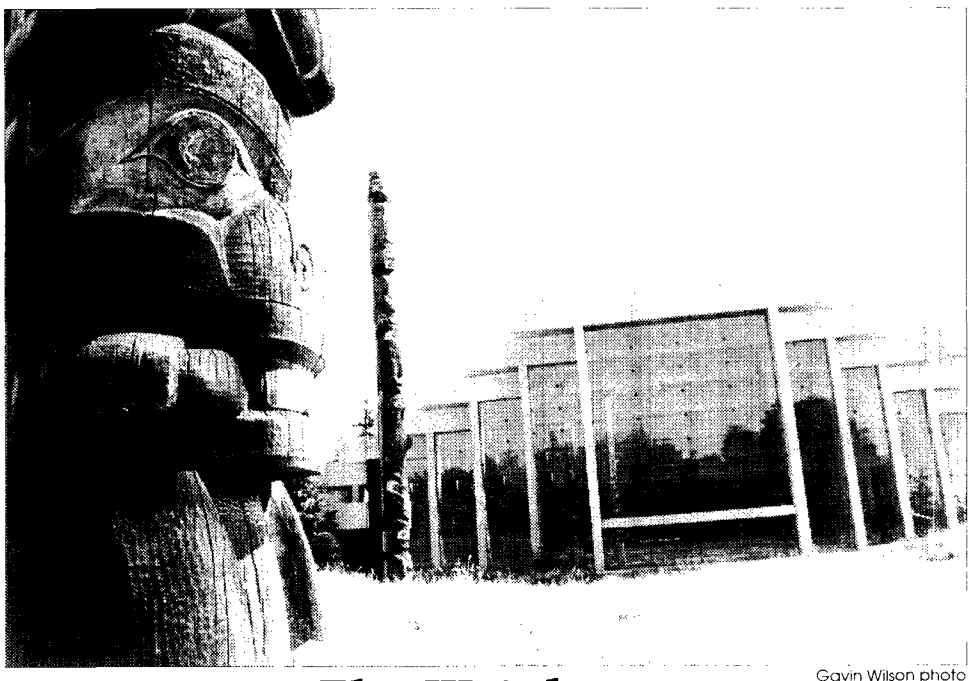
"In the last year we have been very pleased with the way RentsLine has developed," said Roger Watts, AMS RentsLine co-ordinator.

"The system now has more capacity than ever before and is steadily reaching out to more people in the Vancouver area. A week prior to the beginning of classes, there were 145 calls to RentsLine in one 11-hour period alone."

Watts added that more than 40,000 student calls have been made to the registry since it was set up last September. Approximately 300 listings, sorted according to type of housing, location and whether the accommodation is furnished or unfurnished, are available on the system each month.

Landlords advertise their rentals for two weeks at a cost of $20 per listing, which is added directly to their phone bill. RentsLine representatives are available to help advertisers change or delete ads once they have been posted on the system, if necessary, before the two-week listing period expires, Watts said.

For more information about the AMS RentsLine, call 822-0888.



Gavin Wilson photo

The Watchers

Totem poles stand silent watch over the Museum of Anthropology. The museum, located at the north end of campus, is one of B.C.'s most popular tourist attractions and draws visitors from around the world each year.

Mall access aimed at reducing traffic in core

by Gavin Wilson

Staff writer

New campus traffic regulations coming into effect this month will keep cars and trucks out of the core of campus, but will open East and West malls to low-speed, two-way traffic.

The changes to the campus road system, previously approved in the Main Campus Plan, will make vehicle access easier without compromising pedestrian movement, said University Planner Andrew Brown, of Campus Planning and Development.

"Our major concern is getting cars off Main Mall so that it is safe for pedestrians and cyclists," he said.

The new regulations aim to better define the boundary between vehicle roadways and pedestrian precincts on campus. The core of campus will be off limits to all but emergency and police vehicles. Cyclists will be subject to regulations of the Motor Vehicle Act.

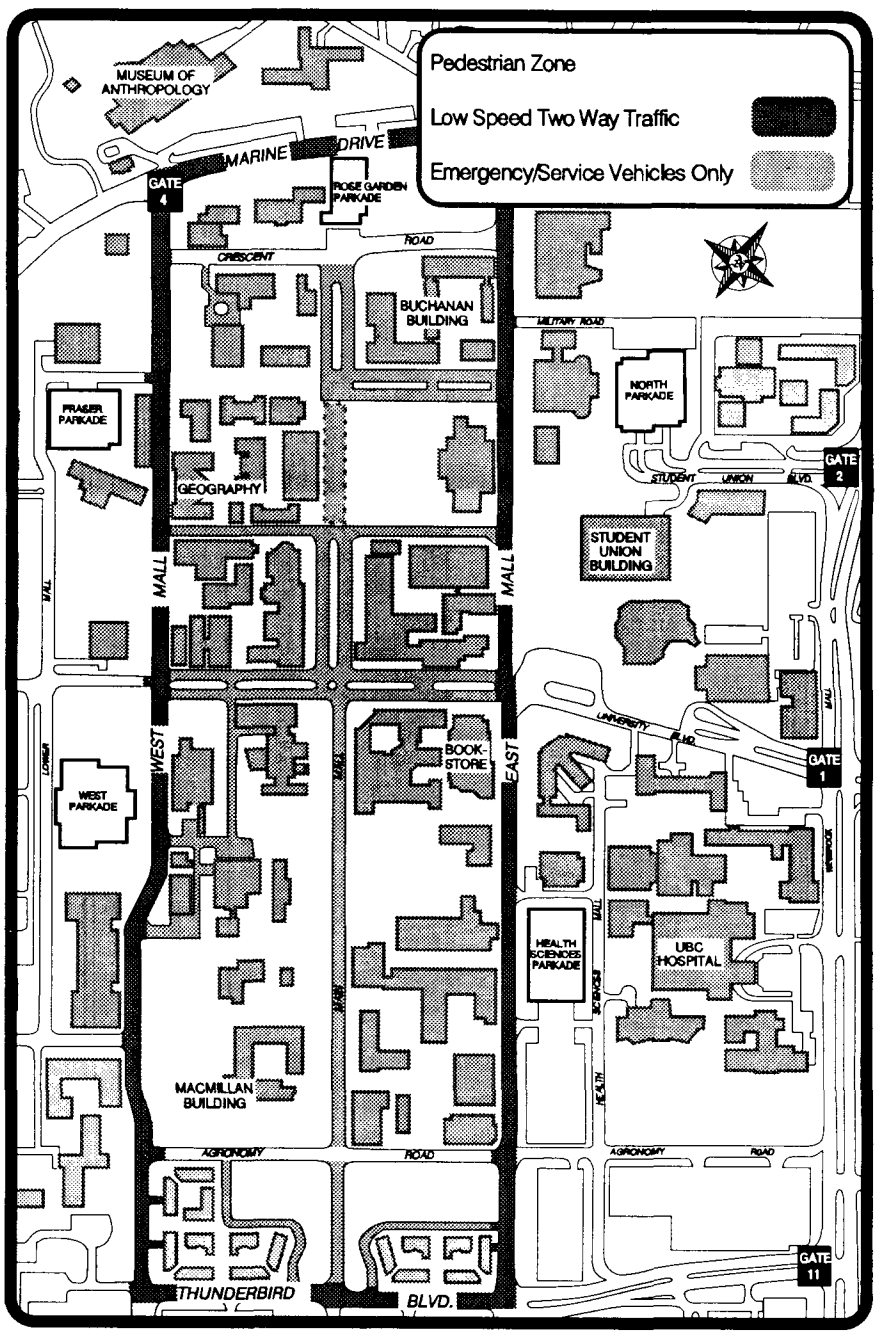
Until now, East and West malls were partly closed to vehicle traffic, but Brown said this was unsatisfactory and abused by service vehicles and other campus traffic.

Vehicles on East and West malls will be highly controlled using signage and speed bumps. Pedestrian crossings and intersections are being repainted and a 30-kilometre-an-hour speed limit will be enforced by the RCMP.

Agronomy Road, Lower Mall and Health Sciences Mall will also be open to controlled, low-speed traffic as will Crescent Road when construction is completed in that area.

Main Mall will be closed to all but emergency vehicles. Service vehicles will gain to access buildings in the designated pedestrian area via East and West malls only.

For more information and detailed service vehicle access maps, contact Campus Planning and Development at 822-8228.



Safety issues focus of Sexual Assault Education Day

Members of the campus community are invited to participate in the second annual Sexual Assault Education Day at UBC on Sept. 19.

The event, which takes place in the main concourse of the Student Union Building between 10 a.m. and 2 p.m., will feature various displays and activities designed to raise awareness of sexual assault and personal safety issues.

Co-ordinated by the Women Students' Office (WSO), Sexual Assault Education Day is an initiative of the Acquaintance Sexual Assault Committee which includes representatives from the Housing and Conferences Dept., Parking and Security Services, the Alma Mater Society, the Sexual Harassment Office, the university detachment of the RCMP and the Student Resources Centre.

University-age women are particularly vulnerable to sexual attack. Statistics indicate that 40 per cent of sexual assault victims are between the ages of 18 and 24. Approximately 75 per cent of women attacked on university campuses know their assailants.

For more information about Sexual Assault Education Day, call the WSO at 822-2415.

Calendar

September 11 through September 24

Monday, Sept. 12

Applied Mathematics Colloquium
Stability Analysis Of Point-Condensation Solutions Of A Reaction-Diffusion System In Axially Symmetric Domains. Prof. Izumi Takagi, Mathematics Institute, Tohoku U., Sendai, Japan. Math 203 at 3:30pm. Call 822-4584.

Language Programs
Registration underway for Continuing Studies French, Spanish, Japanese, Mandarin and Cantonese conversation classes starting on Sept. 24, 27 and 29. Also German, Russian, Italian, Portuguese, Korean starting Sept. 24. Buchanan, 3rd floor. $245. For course times and registration information call 822-0800.

Free Movie Night
Every Monday. Main feature, Jesus of Montreal. Short, Blackfly. Grad Student Centre Penthouse at 7pm. BYOP (popcorn). Call 822-3203.

Tuesday, Sept. 13

Graduate Student Society/ Professional Development Seminar
Navigating NET Info/The Internet. A panel of faculty and student representatives. Grad Student Centre at 12:30pm. Refreshments served. Call 822-3203.

Botany Seminar
Plants, Herbivores/Fertilizers: Testing Trophic Structure In The Boreal Forest.
Franklin Dlott, MSc candidate. BioSciences 2000 from 12:30-1:30pm. Call 822-2133.

Lectures in Modern Chemistry
Metal Ions As Probes Of Biological Systems: From Gamma Rays To Proteases. Prof. Claude Meares, Chemistry, U. of Calif. at Davis. Chemistry 250 at 1pm. Refreshments at 12:40pm. Call 822-3266.

BioSciences Seminar
Nutrients In The Strait Of Georgia And Puget Sound: Assessing The Potential For Eutrophication. Paul J. Harrison, Oceanography. BioSciences 1465 at 3:30pm. Call 822-4587.

Pharmaceutical Sciences Seminar
Use Of Beta Blockers In Diabetic Patients. Dr. James McCormack, Div. of Clinical Pharmacy, Pharmaceutical Sciences. University Hospital G279 from 4-5pm. Call 822-4645.

Centre for Applied Ethics Colloquium
May Doctors Kill? — Examination Of One Argument Used Against Active Euthanasia/Physician Assisted Suicide. Dr. Jerry Dworkin, Philosophy, U. of Illinois at Chicago. Angus 413 from 4-6pm. Call 822-5139.

Green College Lecture
Paying The Piper And Calling The Tune: Central Vs. Local Control In B.C.'s Public Schools. Green College recreation lounge at 5:30pm. Call 822-8660.

P. Eng. Exam Tutorials
Professional Engineering Examination Preparation Tutorials. An evening series to assist applicants to prepare for APEGBC professional engineering examination. Civil/Mechanical 2205 from 6:30-9:30pm. Sept. 13, 20, 27, Oct. 4. Call 822-3347.

Wednesday, Sept. 14

Microbiology/Immunology Seminar
Identification Of The Acid/Base Catalyst In B-1,4 Glycanase From C.fimi. Alasdair MacLeod, grad student, Microbiology/Immunology. Wesbrook 201 from 12-1:30pm. Call 822-3308.

Woodward Lecture Series
Playing Fair: Game Theory And Social Contract, sponsored by Economics. Prof. Ken Binmore, University College, London. Buchanan A102 from 12:30-1:30pm. Call 822- 4121/4129.

Thursday, Sept. 15

Woodward Lecture Series
Squaring The Circle: Rational Cooperation In The Prisoners' Dilemma, sponsored by Economics. Prof. Ken Binmore, University College, London. Buch. A102 from 12:30-1:30pm. Call 822-4121/4129.

Physics Colloquium
Neutrino Oscillations. Reena Meijer Drees, CERN. Hennings 201 at 4pm. Call 822-3853.

Botanical Garden Plant Sale
Continues 16th/17th. 17th Annual Indoor Plant Sale. Garden Reception Hall from 12- 5pm. Call 822-3928.

Canadian Studies Workshop
Questions Of Health And Justice: Environmental Conflicts In The Fraser Valley. Speakers are: Brian Elliott, Barbara Alldritt, and Raewynn Bassett, Sociology. Green College small dining room at 8pm. Call 822-5193. Attendees are welcome to dinner in the College Dining Hall. Call in advance (3 days) for dinner reservations at 822-8660.

Green College Lectures/ Medieval/Renaissance Studies
Fraudulent Conveyers, Translating Women, Merry Wives, Hamlet And The Lancastrian Histories. Prof. Patricia Parker, Stanford U. Green College recreation lounge at 4:30pm. Call 822-5938.

Ale Tasting
Koerner's Pub Ale Tasting. Graduate Student Centre at 7pm. No cover charge. Call 822-3203.

Friday, Sept. 16

Pediatrics Grand Rounds
Juvenile Psoriatic Arthritis: Common Or Non-Existent? Dr. Ross Petty, Rheumatology, Research Centre. GF Strong Auditorium at 9am. Call 875-2307.

Occupational Hygiene Program Seminar
Role Of Active Oxygen Species In Particle Uptake In The Tracheobronchial Epithelium. Dr. Andrew Chung, Pathology. CEME 1202 from 12:30-1:30pm. Call 822-9595.

Chemical Engineering Weekly Seminar
Limitations To Cell Specific Recombinant Protein Production By Mammalian Cells. Chorng-Hwa Fann, grad student, Chem Engineering. CEME 206 at 3:30pm. Call 822- 3238.

Mathematics/IAM Colloquium
Stochastic Control Theory: From Engineering To Finance. Dr. Ulrich Haussmann, head, Mathematics. Math 100 at 3:30pm. Refreshments in Math Lounge at 3:15pm. Call 822-2666.

Monday, Sept. 19

Green College Seminar
Progress As An Idea Or Does Science Progress? Science/Society Interdisciplinary Group. Readings/References are available in advance at the College. Green College recreation lounge from 8-10pm. Call 822-6563/222-3053.

Biochemistry Seminar
Mechanisms Of Eukaryotic Gene Activation. Michael Carey, Biochemistry, UCLA. Woodward IRC #4 at 3:45pm. Refreshments at 3:30pm. Call 822-9871.

Tuesday, Sept. 20

Graduate Student Society Professional Development Seminar
Preparing For Candidacy Exams: Humanities/Social Sciences. Grad Student Centre at 12:30pm. Refreshments served. Call 822-3203.

BioSciences Seminar
The Relative Effect Of Clipping, Neighbours, And Fertilization On The Modular Dynamics Of Lupinus Arcticus (family: Fabacea). Stephanie Graham, MSc candidate, Botany. BioSciences 2000 from 12:30-1:30pm. Call 822-2133.

Lectures in Modern Chemistry
Inorganometallic Chemistry. Prof. Doug Stephan, Chemistry, U. of Windsor. Refreshments from 12:40pm. Chemistry 250 at 1pm. Call 822-3266.

Pharmaceutical Sciences Seminar
How Reliable Is A Heparin Protocol? Dr. Wendy Leong, clinical pharmacy specialist, Burnaby Hosp. University Hosp. G279 from 4-5pm. Call 822-4645.

Green College Lecture
Is There Really Any Difference Between History And Fiction? Jonathan Wisenthal, English. Green College recreation lounge at 5:30pm. Call 822-8660.

Wednesday, Sept. 21

First Aid/CPR Courses
Registration for St. John Ambulance Safety Oriented First Aid/ Cardiopulmonary Resuscitation Courses. Also Sept. 22. SOFA/ CPR courses offered to UBC students on Saturdays in Oct. and November: SOFA 8 hrs, $35; CPR 4.5 $35 hrs. Registration req'd at IRC lower mall from 10:30-2:30pm. Call 822-5083.

Wednesday Noon Hour Concerts
The Hard Rubber Orchestra. Music Recital Hall at 12:30pm. Admission $2.50. Call 822-5574.

Microbiology/Immunology Seminar
Molecular Epidemiology Of Haemophilus Influenza. Tim Falla, Microbiology/Immunology. Wesbrook 201 from 12-1:30pm. Call 822-3308.

Centre for Chinese Research Seminar
Straight Around The Sphere: An Historical Chinese Approach To Rational Choice. Mondo Secter, honorary research associate, Institute of Asian Research. Asian Centre 604 from 12:30-2pm. Call 822-3814.

Applied Mathematics Colloquium
Bifurcations Of A Rotating Shaft: Effects Of Symmetry-Breaking And Damping. Wayne Nagata, Math. Mathematics 203 at 3:30pm. Call 822-4584.

Geography Colloquium
Do You See What I See? Visibility And Ambient Aerosols In The Fraser Valley. Sara Pryor, Geography 201 at 3:30pm. Light refreshments. Call 822-4929.

Centre for Southeast Asian Research Seminar
Political Developments In Indonesia. Dr. Chris Dagg, SFU, dir. Eastern Indonesia Universities Project. Asian Centre 604 from 4-5:30pm. Call 822-3814.

Green College Lecture
Comparative Literature Interdisciplinary Group. The Black Sheep: Changes In Quebec Cultural Symbolism. Eva-Marie Kroller, English, chair, UBC Comparative Literature Program. Green College recreation lounge at 5:30pm. Call 822-8660.

Preview Theatre Performance
The House of Bernarda Alba by Federico Garcia Lorca. Frederic Wood Theatre at 8pm. Adult $12 weekday; $14 weekend; student/ senior $8 weekday; $10 weekend. Preview Sept. 21, two for one Adult $12. For reservations call 822-2678.

Thursday, Sept. 22

Information Session on Merit Awards for Graduates
UBC Graduate Scholarships Day (for graduate and undergraduate students). Various representatives from Grad Studies, external agencies, etc. SUB Auditorium from 9am-12:30pm. Refreshments served. Call 822-4556.

President's Advisory Committee on Lectures
Women Artists Of The Avant-Garde In The Early 20th Century. Prof. Gill Perry, art historian, Open University, London, Eng. Lasserre 102 at 12:30pm. Call 822-2757.

Philosophy Colloquium
Reconceiving The Carnap/Quine Debate: Logic/Epistemology In Analytic Philosophy. Alan Richardson, Philosophy. Buchanan D348 from 1-2:30pm. Call 822-3292.

CICSR Distinguished Speaker Series
User Interfaces For Information Visualization Dashboards And Roadmaps For The Information Superhighway. Ben Shneiderman, U. of Maryland. CICSR/CS 208 at 4pm. Call 822-6894.

Physics Colloquium
Muon Spin Resonance. Jess H. Brewer, Physics. Hennings 201 at 4pm. Call 822-3853.

Annual General Meeting of The UBC Alumni Association
Dr. Walter Hardwick, 1994 faculty citation recipient, will give a presentation entitled: Directing Change. Cecil Green Park at 6pm. Light refreshments will be served. RSVP by Sept. 15. to 822-9565.

Friday, Sept. 23

Pediatrics Grand Rounds
Update On Analgesia And Conscious Sedation In Pediatrics. Dr. David Smith, medical dir., Emergency, BCCH. GF Strong auditorium at 9am. Call 875-2307.

Occupational Hygiene Program Seminar
Risk Science And Politics: Comparison Of U.S. And Canadian Regulation Of Toxic Chemicals. Kathryn Harrison, Political Science. CEME 1202 from 12:30-1:30pm. Call 822-9595.

Chem Engineering Weekly Seminar
Bone Marrow Expansion. Peter Zandstra, grad student, Chemical Engineering. CEME 206 at 3:30pm. Call 822-3238.

Mathematics Colloquium
Juggling Mathematics. John Buhler, Mathematics, Reed College. Mathematics 104 at 3:30pm. Call 822-2666.

Saturday, Sept. 24

The Bel N. Nemetz Lecture of the Vancouver Institute
Nobel Laureate Prof. Michael Smith, dir., Biotechnology. The Nobel Prize In Chemistry, 1993. IRC #2 at 8:15pm. Lectures are no charge. Call 822-2181.

UBC REPORTS

CALENDAR DEADLINES

Calendar items must be submitted on forms available from the UBC Community Relations Office, 207-6328 Memorial Road, Vancouver, B.C. V6T 1Z2. Phone: 822-3131. Fax: 822-2684. Please limit to 35 words. Submissions for the Calendar's Notices section may be limited due to space. Deadline for the September 22 issue of UBC Reports — which covers the period September 25 to October 8 — is noon, September 13.

THE UNIVERSITY OF BRITISH COLUMBIA

REPORT OF THE VICE-PRESIDENT ADMINISTRATION AND FINANCE

Second to None

"To be a world renowned Institution of Higher Education and Research"

When the University of British Columbia was founded in 1915, it was expected that it would serve virtually all of the postsecondary education requirements of the province. Today, a comprehensive system of higher education has evolved. UBC has become a full fledged multiversity of 30,000 students with a well developed graduate enrolment of 6,400 and continues to educate students from all parts of the province and beyond.

At the same time, the university has built a national and international reputation for excellence in research. With annual external research funding of $139 million, UBC is consistently regarded as one of the top three universities in Canada, and ranks with the best state-supported universities of the United States.

The path for the future is clearly marked. It is the mission of the university that it continue to be one of the best universities in Canada, if not the best, and among the best in North America; that its stature as a research intensive university will grow; and that it will continue to serve the province as a mainspring for economic, social and cultural development.

To respond to the pressures for greater enrolment and readier access for students from around the province, UBC has been actively involved with a number of colleges for the delivery of degree completion programs, and is prepared to assist in the development of new institutions for the future. Since 1989, UBC has increased its graduate enrollment from 4,000 to 6,400 and is interested in providing for increased access at all levels of the postsecondary system.

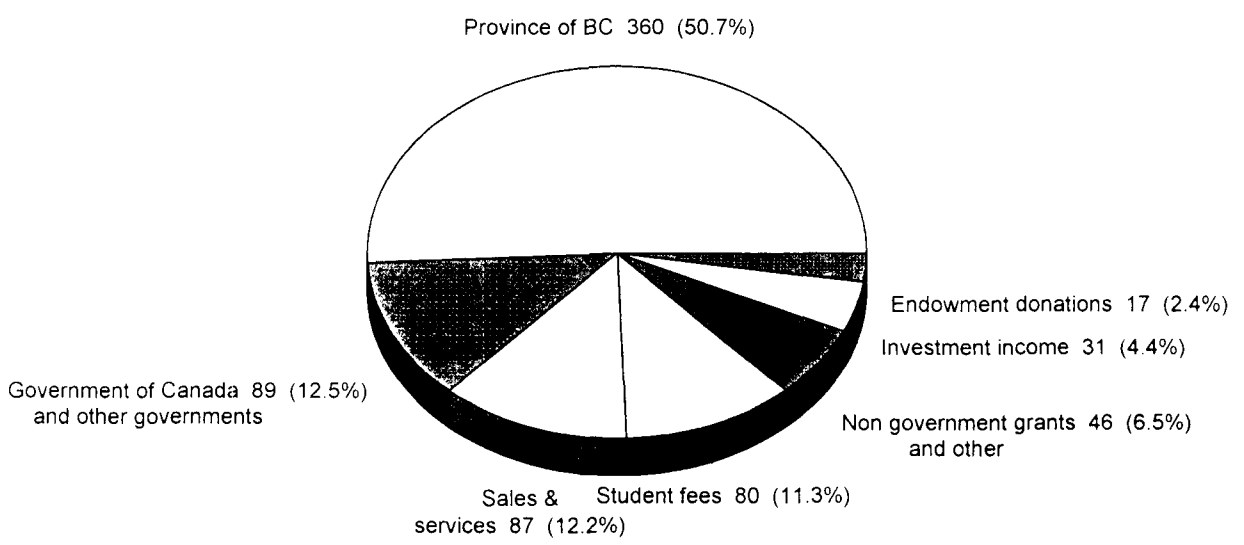
Total Revenue for the University has increased to $710 million, an increase of $9 million over last year. Funding from the Province of B.C. represents 50.7% of this total. The breakdown of revenue by source is shown in Table 1 and 1.1.

TABLE 1

Total Revenue by Source

for the year ended March 31, 1994

(millions of dollars)



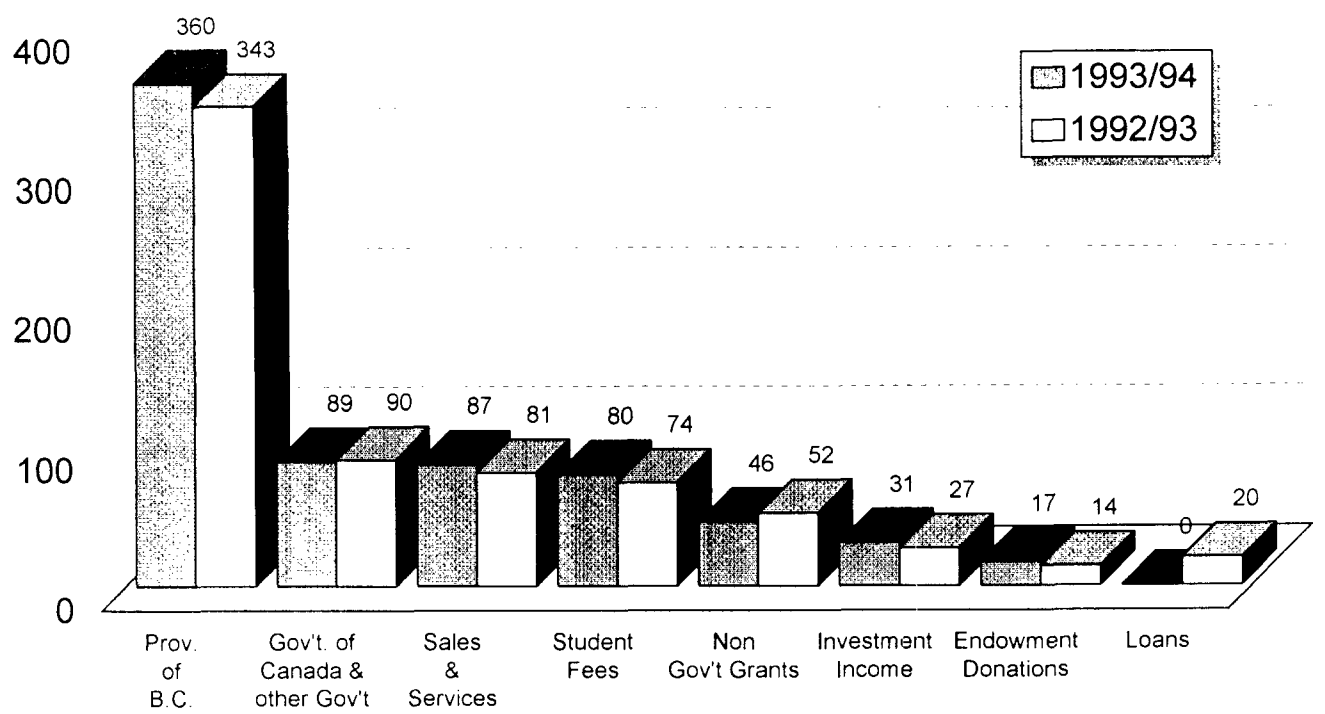
Total Revenue $710

TABLE 1.1

Total Revenue by Source Comparison

1993/94 & 1992/93

(millions of dollars)



THE UNIVERSITY OF BRITISH COLUMBIA

REPORT OF THE VICE-PRESIDENT ADMINISTRATION AND FINANCE

GENERAL PURPOSE OPERATING FUND

The total General Purpose Operating (GPO) income increased to $352 million, a 2.0% increase over the preceding year. GPO income to the university is derived from four sources: provincial grants, credit and non-credit tuition fee income, income from investments and miscellaneous income. Table 2 shows the distribution of expenditures between academic and support services over the last 5 years. This distribution has remained fairly constant.

Incorporating the inflation and enrollment growth appropriations from 1992/93, the 1993/94 recurring base operating grant from the province remained unchanged from the preceding year. In addition to the base grant, the university also received the following:

- the first of three equal installments totaling $1million to restore funds removed by the province when responsibility for maintenance of space in the teaching hospitals was transferred from the University to the Ministry of Health;
- $1.3 million to fund the costs of pay equity obligations to support staff;
- a further $1.2 million for enrollment growth; and
- $1.5 million for graduate student support.

Total provincial GPO support in 1993/94 totalled $268.7 million.

Credit tuition fee income rose to $59.6 million, an 8.6% increase over the preceding year. This is represented by a 9.7% increase in tuition fees, a relatively unchanged level of full time equivalent (FTE) undergraduate enrolment, and a 6.5% increase in FTE graduate enrolment. First year undergraduate enrolments in all faculties continue to be controlled via Senate approved enrollment quotas; these quotas, coupled with increasing demand for admission, have pushed grade point averages on admission to significantly higher levels. At the same time, the retention levels from one year to the next have improved for both graduate and undergraduate students. At the graduate level, applications are still increasing.

Non-Credit tuition fee income rose to $17.6 million, a 5.8% increase over the preceding year.

Non credit courses, as well as some credit courses, are offered through UBC Continuing Studies which is comprised of the departments of the Centre for Continuing Education (CCE), UBC Access and the Office of Extra Sessional Studies (OESS).

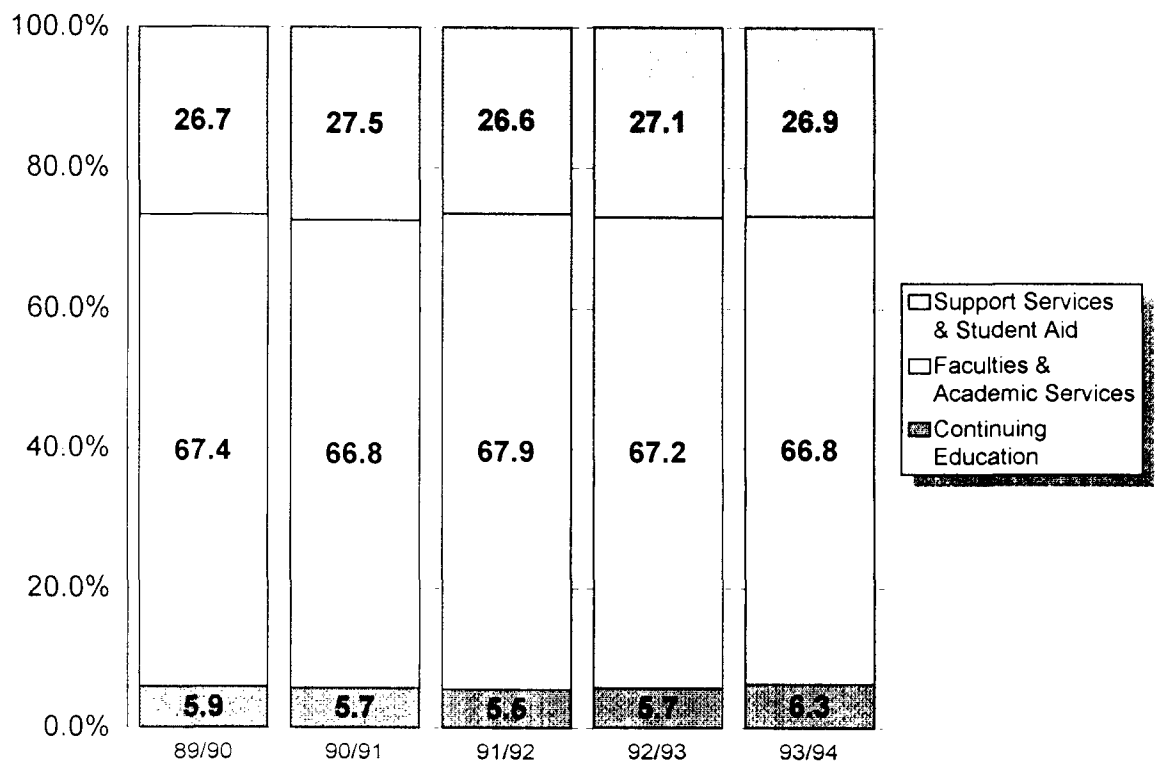
CCE offers non credit courses in such diverse subjects as computer information technology, environmental studies, and English and foreign language skills. Also, educational travel is available through field studies and international travel to students interested in widening their knowledge in a practical way.

Distance education credit courses are offered through UBC Access which designs, produces and delivers programs throughout the province. The UBC Access office coordinates their expertise with various faculties to provide credit courses. As part of B.C.'s Open University, UBC Access courses are applicable towards an Open University degree, thus providing more flexible study options for students. Proof of student interest is reflected in a 64% increase in overall enrollment in the past three years.

The University's expenditures are driven by a limited number of factors: salaries and wages, benefits, utility rate increases and new space costs. With salary and benefits constituting in excess of 80% of the University's operating budget, actions taken in these two areas are a primary driver of the expenditure patterns of the University. Faced with either contractual or anticipated salary increases, significant increases in benefit and utility rates, and new space costs, the University was confronted at the beginning of fiscal 1993/94 with an anticipated budgetary shortfall in the order of $6.9 million. Recurring reduction targets were assigned to each of the vice presidents and the president to address the shortfall and these were achieved. As a result of these actions, the University closed off the fiscal year with a net positive balance of $593,000.

TABLE 2

Academic and Support Expenditures (GPO)



Support includes Library, Student Awards & Services, Administration, Plant Operations, External Affairs, and General Expenses

SPECIFIC PURPOSES FUND

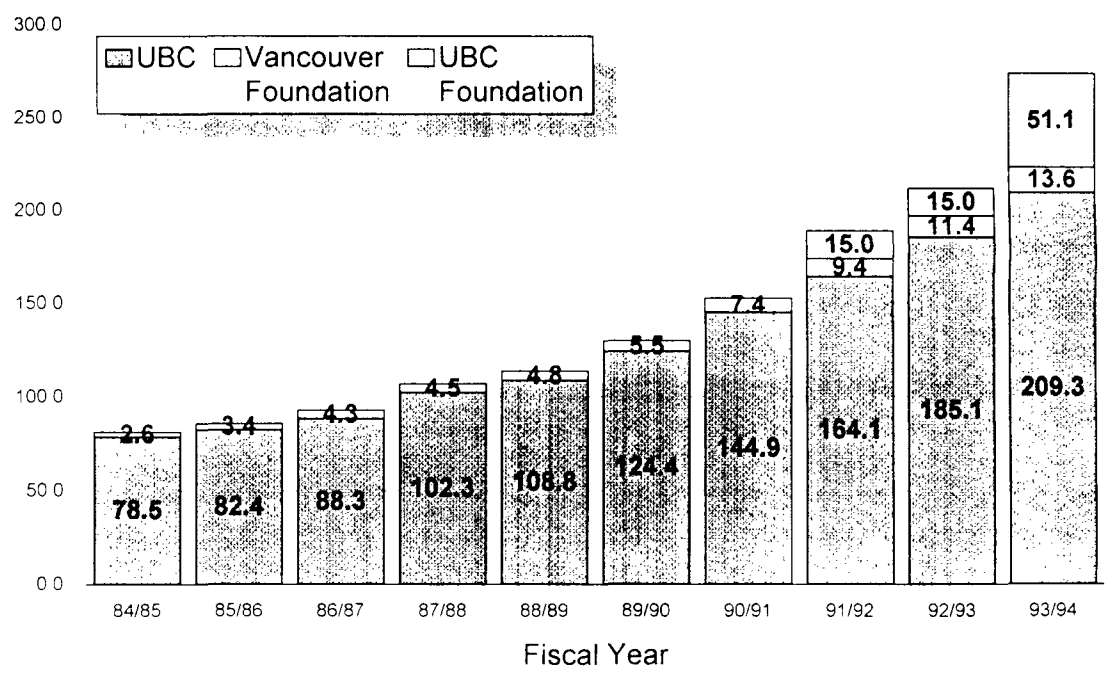
The Specific Purposes fund accounts for monies received for specific purposes as stipulated by the donors or granting agencies and includes income earned on the Endowment Principal Fund. The total revenue for this fund increased by $6.7 million from $39.6 million to $46.3 million, of which $6.1 million is attributable to an increase in endowment income. This increase in endowment income is due to an increase of $24.2 million in the endowment principal balance over the preceding year and higher investment earnings. The endowment funds have grown significantly over the last 10 years from $81.1 million to $274 million, a 237.9% or $192.9 million increase (see Table 3). This increase is attributable primarily to the University's major fund raising campaign. Endowment funds include those at UBC ($209.3 million), and endowments held, for the benefit of UBC, at the UBC Foundation ($51.1 million) and at the Vancouver Foundation ($13.6 million) bringing the total endowment balance attributable to UBC to $274 million.

UBC's World of Opportunity Campaign (1988-1993) raised $262 million, the most successful university fund raising campaign in Canadian history. Funds will be used to support the following academic priorities: 125 centres, chairs and professorships; 53 scholarships and bursaries; and 13 buildings. In addition, non campaign fund raising during this period brought in an additional $72 million, for a total of $334 million raised.

TABLE 3

Schedule of Endowment Funds

(millions of dollars)



THE UNIVERSITY OF BRITISH COLUMBIA

REPORT OF THE VICE-PRESIDENT ADMINISTRATION AND FINANCE 1992-93

SPONSORED RESEARCH FUND

The Sponsored Research fund accounts for monies received for research or related activities as approved by granting agencies, research institutions and other public and private organizations. Sponsored research funding at UBC has increased from $63.1 million in 1984/85 to $125.0 million in 1993/94, an increase of 98.1% over the last 10 years (see Table 4). In addition, the University distributes research funds to other institutions. These funds are distributed under agreements with the federal government, whereby the University is the administrative head of a network of research and a portion of the research is undertaken at other institutions. These amounts are shown in white on Table 4 (1993/94 $13.6 million). The award of a Nobel Prize in Chemistry to Professor Michael Smith of the Department of Biochemistry and Molecular Biology was the highlight of the year in research. As well as his accomplishments as a researcher, Dr. Smith is the Director of two extremely successful interdisciplinary ventures, the UBC Biotechnology Laboratory and the National Protein Engineering Centre of Excellence. UBC researchers associated with ten National Centres of Excellence brought in over $7M this year from this program. The program was renewed for another four years and UBC's participation will continue at a high level, including providing the headquarters for the Canadian Bacterial Disease Network, the Protein Engineering Network and the Canadian Genetic Disease Network.

In Social Sciences, Professor Rafael Amit of the Faculty of Commerce and Business Administration was awarded a $2.25M grant from the Social Sciences and Humanities Research Council for a Canadian research network involving four other universities to investigate entrepreneurship and factors in the success and failure of new businesses in Canada. UBC researchers continue to be successful in national and international competition. The University also works with the business community to develop marketable products from its research. This is accomplished through the University-Industry Liaison Office.

The mission of the University-Industry Liaison Office is to add social and economic value to UBC research for the benefit of both the University and the people of British Columbia and Canada. Funded by the University, a special grant from the Province, the National Research Council and industry, the Office provides technology transfer services to the UBC campus, the fully affiliated teaching hospitals (St. Paul's, BC Children's, Vancouver General hospitals and the Health Sciences Centre), the Biomedical Research Centre and the National Networks of Centres of Excellence.

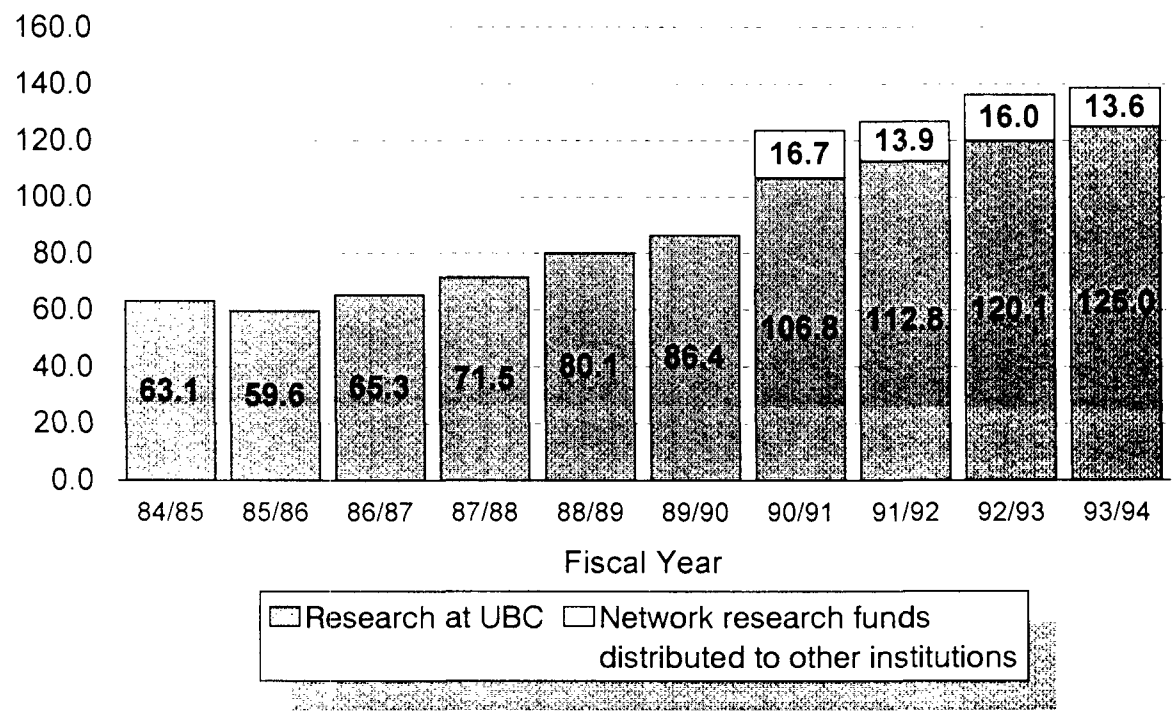
During the 1993-94 year, achievements included:

- managing industry research grants and contracts exceeding $14.7 million in value;
- reviewing 83 new technology disclosures, filing 34 new patent applications and concluding 19 new licence agreements;
- enhancing the value of 19 technologies through a Prototype Development Program;
- receiving royalty income of more than $1 million shared between the inventors and the University;
- securing equity in 8 UBC spin-off companies; and
- assisting in the formation of 6 new spin-off companies based on UBC research.

TABLE 4

Schedule of Total Sponsored Research Revenue

(millions of dollars)



ANCILLARY ENTERPRISES

Ancillary Enterprises provide goods and services to the University community and are expected to operate on a break even basis. They include the Bookstore, Food Services, Housing and Conferences, Parking Services, Athletic and Sport Services and Facilities, UBC Press, Media Services, Educational Measurement Research Group, and Computer Maintenance and Telecommunications. Total revenue for all of the ancillaries increased by $7 million from the preceding year to $87 million. Athletic Facilities became an ancillary during the year adding $1.6 million to total revenue.

The University Apartments Phase 2 project has provided Housing and Conferences with the addition of a second new apartment building. This addition doubles the number of available faculty and staff housing units managed by the Department of Housing and Conferences. Rental accommodation has been made available on a maximum 3 year term to 268 faculty and/or staff. The new apartment buildings include a child care facility named the Huckleberry Centre, which opened in January, 1994. Housing and Conferences runs the University Child Care Services in addition to the housing and conference facilities.

In the single student housing residence system, a new residence, Thunderbird Housing, is under construction which will add 403 one and two bedroom apartments to the campus. This complex is expected to provide living accommodation to 600 students and includes 500 underground parking stalls. Construction is expected to be completed by the fall of 1994. In total, the University has 5,600 housing spaces available for students, accomodating 29.7% of the full time undergraduate student population.

CAPITAL FUND

The Main Campus Plan was approved by the Board of Governors in January, 1993. The Plan is designed to evolve along with the University's needs and resources and specifically to address the main academic campus area. Capital projects are funded by the provincial government, Ancillary Enterprises and donations.

The University is in an active stage of construction. Recently completed projects include: Green College, the Centre for Integrated Computing Systems Research (CICSR), the Lam Management Research Centre, the National Centres of Excellence building addition, the Nitobe Teahouse restoration and University Apartments Phase 2. Projects under construction or in the planning phase include: the Advance Materials and Process Engineering Laboratories, the Morris and Helen Belkin Art Gallery, C. K. Choi Building for the Institute of Asian Research, the Forest Sciences Building, the Walter C. Koerner Library Centre, the Rose Garden Parkade, the Scarfe Building renovation/expansion, the Student Recreation Facility, Thunderbird Housing, the Chan Shun Centre for the Performing Arts, the School of Journalism and St. John's College.

THE UNIVERSITY OF BRITISH COLUMBIA

UBC GAZETTE

The Board of Governors at its meeting of July 21, 1994 approved the following recommendations and received notice about the following items.

PROMOTIONS

FROM SENIOR INSTRUCTOR TO ASSISTANT PROFESSOR

Ericksen, J.R. — Nursing

TO ASSOCIATE PROFESSOR

Armstrong, Robert — Paediatrics
Barr, P.V. — Metals & Material Engineering
Buckley, Anne R. — Radiology (Part-time)
Carlson, John — Forest Sciences/Biotechnology Laboratory (with tenure)
Chantler, Janet — Pathology
Chanway, Christopher — Forest Sciences
Cimolai, Nevio — Pathology (with grant tenure)
Clark, Campbell — Psychiatry
Cohen, David — Wood Science (with tenure)
Daniluk, Judith — Counselling Psychology (with tenure)
Davis, Noelle — Surgery (with tenure)
Douglas, Carl — Botany
Durance, Timothy — Food Science
Fannin, Jonathan — Forest Resources (with tenure)
Finlay, Brett — Biotechnology Laboratory/Microbiology & Immunology/Biochemistry & Molecular Biology (with tenure)
Fluker, Margo — Obstetrics & Gynaecology (with grant tenure)
Haverkamp, Beth — Counselling Psychology (with tenure)
Hellwig, Tineke — Asian Studies (with tenure)
Henderson, A.D. — Nursing (with tenure)
Ho, Vincent — Medicine (with grant tenure)
Irvine, Andrew — Philosophy (with tenure)
Ivanov, A. — Electrical Engineering (with tenure)
Iyer, Nitya — Law (with tenure)
Jaeger, N.A.F. — Electrical Engineering (with tenure)
Jefferies, Wilfred — Microbiology & Immunology/Medical Genetics (with tenure)
Jennings, P. Devereaux — Commerce (with tenure)
Kazanjian, Arminee — Health Care & Epidemiology
Kline, Marlee — Law (with tenure)
Krause, Paul — History (with tenure)
Kronstad, James — Biotechnology LaboratoryMicrobiology & Immunology/Plant Science (with tenure)
Lamontagne, André — French (with tenure)
LeMay, Valerie — Forest Resource Management (with tenure)
Leung, Victor — Electrical Engineering (with tenure)
Li-Chan, Eunice — Food Science (with tenure)
Maillard, Keith — Creative Writing (with tenure)
Marth, Jamey — Medical Genetics (with tenure)
Marti, J.R. — Electrical Engineering (with tenure)
Mathiopoulos, P.T. — Electrical Engineering (with tenure)
McCormack, James — Pharmaceutical Science (with tenure)
Nagata, Wayne — Mathematics
Newton, John — Theatre and Film
Overall, Christopher — Clinical Dental Sciences (with tenure)
Piret, James — Biotechnology Laboratory/Chemical Engineering (with tenure)
Poursartip, A. — Metals & Material Engineering
Qayumi, Karim — Surgery (with grant tenure)
Roche, Jorg — Germanic Studies (with tenure)
Roman, Leslie — Social & Educational Studies (with tenure)
Romilly, D.P. — Mechanical Engineering
Rosenthal, Stuart — Commerce (with tenure)
Rouget, Christine — French (with tenure)
Sadovnick, A.D. — Medical Genetics (grant tenure)
Snutch, Terrance — Biotechnology Laboratory/Psychiatry/Zoology (with tenure)
Tan, Joseph — Health Care & Epidemiology (with tenure)
Teschke, Kay — Health Care & Epidemiology (with tenure)
Tsui, Joseph — Medicine (grant tenure)
Tufaro, Francis — Microbiology
Weiner, D.E.B. — Architecture (with tenure)
Williams, Keith — Obstetrics and Gynaecology (grant tenure)
Woollard, Robert — Family Practice (grant tenure)
Wright, John — Theatre & Film

TO PROFESSOR

Adam-Moodley, Kogila — Social & Educational Studies
Amit, Raphael — Commerce
Baimbridge, Ken — Physiology
Barlow, Martin — Mathematics (with tenure)
Barman, Jean — Social & Educational Studies
Barnes, Trevor — Geography
Beattie, Lynn — Medicine
Brock, Hugh — Zoology (with tenure)
Carolan, James — Physics
Chiarenza, Marguerite — Hispanic & Italian Studies
Danielson, Dennis — English
Devereux, Michael — Economics
DeWreede, Robert — Botany
Farrell, Kevin — Paediatrics
Harris, Susan — Rehabilitation Science
Hendricks, Kenneth — Economics
Humphries, Keith — Medicine
Isman, Murray — Plant Science
Juriloff, Diana — Medical Genetics
Lam, Stephen — Medicine
Long, Bonnie — Counselling Psychology
McClung, David — Geography (grant tenure)
Morrison, Brenda — Health Care & Epidemiology
Pedersen, Thomas — Oceanography
Prior, Jerilynn — Medicine
Pritchard, Haydn — Pathology
Ratner, Robert — Anthropology and Sociology
Reiner, Neil — Medicine
Savitt, Steven — Philosophy
Schmidt, Jerry Dean — Asian Studies
Simunic, Dan A. — Commerce
Steinbrecher, Urs — Medicine
Steiner, Paul — Wood Science
Stiver, Grant — Medicine
van Kooten, G.C. — Agricultural Economics
Werker, Janet — Psychology
Wong, Peter — Paediatrics
Wood, Stephen — Medical Genetics
Woodrow, Janice — Mathematics & Science Education

TENURE

Albon, Simon — Pharmaceutical Sciences (as Senior Instructor)
Avramidis, Stavros — Wood Science
Banthia, N. — Civil Engineering
Barlow, Martin — Mathematics (as Professor)
Brock, Hugh — Zoology (as Professor)
Burns, Paul — Religious Studies (as Senior Instructor)
Carlson, John — Forest Sciences/Biotechnology Laboratory (as Associate Professor)
Cavell, Richard — English
Cimolai, Nevio — Ophthalmology (grant tenure) (as Associate Professor)
Cohen, David — Wood Science (as Associate Professor)
Daniluk, Judith — Counselling Psychology (as Associate Professor)
Davis, Noelle — Surgery (as Associate Professor)
Deer, Glenn — English
deVries, Brian — Family and Nutritional Sciences
Eberle, Robert — Theatre and Film (as Senior Instructor)
Fannin, Jonathan — Forest Resources (as Associate Professor)
Finlay, Brett — Biotechnology Laboratory/Microbiology & Immunology/Biochemistry & Molecular Biology (as Associate Professor)
Fluker, Margo — Obstetrics & Gynaecology (grant) (as Associate Professor)
Green, S.I. — Mechanical Engineering
Hall, E.R. — Civil Engineering
Hall, W.A. — Nursing
Harrison, Rosamund — Clinical Dental Science
Haverkamp, Beth — Counselling Psychology (as Associate Professor)
Hellwig, Tineke — Asian Studies (as Associate Professor)
Henderson, A. D. — Nursing (as Associate Professor)
Ho, Vincent — Medicine (as Associate Professor)
Irvine, Andrew — Philosophy (as Associate Professor)
Ivanov, A. — Electrical Engineering (as Associate Professor)
Iyer, Nitya — Law (as Associate Professor)
Jaeger, N.A.F. — Electrical Engineering (as Associate Professor)
Jefferies, Wilfred — Microbiology & Immunology/Medical Genetics (as Associate Professor)
Jennings, P. Devereaux — Commerce (as Associate Professor)
Kline, Marlee — Law (as Associate Professor)
Klinkenberg, Brian — Geography
Krause, Paul — History (as Associate Professor)
Kronstad, James — Biotechnology Laboratory/Microbiology & Immunology/Plant Science/Biotechnology Laboratory (as Associate Professor)
Lamontagne, André — French (as Associate Professor)
LeMay, Valerie — Forest Resources Management (as Associate Professor)
Leung, Victor — Electrical Engineering (as Associate Professor)
Li-Chan, Eunice — Food Science (as Associate Professor)
Maillard, Keith — Creative Writing (as Associate Professor)
Malloy, Stephen — Theatre and Film
Marth, Jamey — Medical Genetics (as Associate Professor)
Marti, J. R. — Electrical Engineering (as Associate Professor)
Mathiopoulos, P.T. — Electrical Engineering (as Associate Professor)
McCargar, Linda — Family and Nutritional Sciences
McClung, David — Geography (grant tenure) (as Professor)
McCormack, James — Pharmaceutical Science (as Associate Professor)
McIlroy, Brian — Theatre and Film
McDonnell, Donal — Oral Medical and Surgical Sciences
Mikelberg, Frederick — Ophthalmology
Overall, Christopher — Clinical Dental Sciences (as Associate Professor)
Pakalnis, Rimas — Mining & Mineral Process Engineering
Patkau, P. — Architecture
Piret, James — Biotechnology Laboratory/Chemical Engineering (as Associate Professor)
Porath, Marion — Educational Psychology & Special Education
Qayumi, Karim — Surgery (grant) (as Associate Professor)
Roche, Jorg — Germanic Studies (as Associate Professor)
Roman, Leslie — Social & Educational Studies (with tenure)
Rosenthal, Stuart — Commerce (as Associate Professor)
Rouget, Christine — French (as Associate Professor)
Sadovnick, A.D. — Medical Genetics (grant tenure) (as Associate Professor)
Sexsmith, R.G. — Civil Engineering
Schutze, Hans — Admin, Adult and Higher Education
Snutch, Terrance — Biotechnology Laboratory/Psychiatry/Zoology (as Associate Professor)
Sullivan, Thomas — Forest Sciences
Suto, Melinda — Rehabilitation Sciences (as Senior Instructor)
Tan, Joseph — Health Care & Epidemiology (as Associate Professor)
Teschke, Kay — Health Care & Epidemiology (as Associate Professor)
Tsui, Joseph — Medicine (grant tenure) (as Associate Professor)
Weiner, D.E.B. — Architecture (as Associate Professor)
Williams, Keith — Obstetrics and Gynaecology (grant tenure) (as Associate Professor)
Woollard, Robert — Family Practice (grant tenure) (as Associate Professor)

IMAGINE
A New Spirit of Giving

Calendar

September 11 through September 24

Notices

Student Housing
A new service offered by the AMS has been established to provide a housing listing service for both students and landlords. This new service utilizes a computer voice messaging system. Students call 822-9844, landlords call 822-8725.

Campus Tours
School and College Liaison tours provide prospective UBC students with an overview of campus activities/faculties/services. Fridays at 9:30am. Reservations required one week in advance. Call 822-4319.

Disability Resource Centre
The centre provides consultation and information for faculty members with students with disabilities. Guidebooks/services for students and faculty available. Call 822- 5844.

UBC Libraries
Library branches and divisions will offer more than 100 training/tutorial sessions this fall. Learn how to use the online catalogue/information system, or one of more than 75 electronic databases in the library. Check branches/divisions for times and dates. Call 822-3096.

Women Students' Office
Advocacy/personal counselling services available. Call 822-2415.

Frederic Wood Theatre 1994/95 Season
Season Ticket Sales from 8:30am-4:30pm. Frederic Wood Theatre 207 Mondays through Fridays. Call 822-2678.

Drug Interaction Study
Volunteers required. Simple eligibility screening, Pharmacology/Therapeutics. Honorarium upon completion of study. Call 822-4270.

Sexual Harassment Office
Advisors are available to discuss questions or concerns and are prepared to help any member of the UBC community who is being sexually harassed find a satisfactory resolution. Call 822-6353.

Actinic Keratoses Study
Raised Lesions with a flaky appearance caused by sun damage. Must be 18 yrs./older. Possibility of 6 visits over 8-month period. Call 875-5296.

Acne Treatment Study
A new acne lotion vs. a proven acne medication. Volunteers not under doctor's care for acne, 25 yrs. or younger. 5 visits over 12-week period. Honorarium upon completion. Call 875-5296.

Basal Cell Carcinoma Study
Superficial Tumours. 18 yrs./older. 6 visits over 16 weeks. Honorarium upon completion. Call 875-5296.

Psychology Study
Music/Mood Study. Comprised of 2 one-hour sessions, booked 2 days apart. Participants will be paid $20 upon completion of both sessions. Kenny 1708. Call 822-2022.

Tai Chi (With a View)
Every Monday and Thursday at 12:45pm in the Penthouse of the Graduate Student Centre. Call 822-3203.

Audiology/Speech Sciences Study
Volunteers needed with normal hearing, who are native-English speakers; 18-35 years old, with no previous instruction in linguistics to participate in a study of speech perception in noise. Honorarium paid. Call Anita at 822-5054.

Statistical Consulting/Research Laboratory
SCARL is operated by the Dept. of Statistics to provide statistical advice to faculty/graduate students working on research problems. Call 822-4037.

Surplus Equipment Recycling Facility (SERF)
Disposal of all surplus items. Every Wednesday, 12-5pm. Task Force Bldg., 2352 Health Sciences Mall. Call Vince at 822-2582/Rich at 822-2813.

Fine Arts Gallery
Open Tues.-Fri., from 10am-5pm. Saturdays 12pm-5pm. Free admission. Main Library. Call 822-2759.

Nitobe Garden
Open daily from 10am-6pm. Call 822-6038.

Botanical Garden
Open daily from 10am-6pm. Shop In The Garden, call 822-4529; garden information, 822-9666.

Silver medal marks end of competitive career

by Abe Hefter

Staff writer

Swimmer Kevin Draxinger didn't have much time to savour his final competitive moment in the pool.

On Aug. 21, the 27-year-old from Richmond finished second to Adam Ruckwood of England to take a silver medal in the men's 200-metre backstroke at the Commonwealth Games in Victoria. Two days later he was back in Vancouver, preparing to enter first-year medicine at UBC.

"I feel I've finished my career on a high note by winning the silver medal," said Draxinger after his race. "It could have been higher, but it was a good race. I'll take the silver."

Draxinger began his career with the Canadian national swimming team at the 1990 Commonwealth Games in Auckland, finishing third in the 200-metre backstroke and fourth in the 100-metre event.

Two years later, he competed at the 1992 Olympics in Barcelona, where he posted a 12th-place showing in the 200-metre backstroke.

"Going to the Olympics was a once-in-a-lifetime experience, and Auckland was my first international meet and we had some good swims in Victoria. There are a whole bunch of swimming memories I leave with."

Draxinger admits none of this has sunk in yet. He hasn't had time for any of the proverbial mixed emotions.

"I think I can still swim competitively, but you have to draw the line somewhere and move on with your life."

Runner out to prove age won't slow him down

by Abe Hefter

Staff writer

At age 35, Graeme Fell isn't ready to hang up the running shoes quite yet.

Fell made that abundantly clear with a bronze-medal performance in the steeplechase in his third career Commonwealth Games appearance.

"In some ways, this was more satisfying than the gold medal I won in Edinburgh in 1986," said the Romford, England, native.

He was fourth in the steeplechase at the 1990 Commonwealth Games in Auckland.

"I was expected to finish first in Edinburgh. Here in Victoria, I couldn't have done any more than I did. It was very satisfying and a lot of fun. I can't get over how much energy there was in the stadium with the crowd behind you."

Fell, who graduated with his education degree from UBC in April, will take on a substitute teaching position with the Vancouver School Board this fall. That will leave him enough time to pursue his athletic endeavours.

"I feel I can still run really fast. I'm planning to train hard during the winter and come out and run well next year."

Ten years ago, the perception was that distance runners reached their peak in their mid-20s. That's changed, according to Fell.

"You can maintain aerobic fitness through to 40. The only thing that does change is your ability to run fast. If you don't have to depend on basic speed at the end of a race, you can still run as well at 38 or 39 as you can at 28.

"I kind of made a promise to myself to try and be the oldest competitor in the steeplechase final at the 1996 Summer Olympics in Atlanta."

Gavin Wilson photo

Reaching Skyward

Arms reach skyward as if in a vain attempt to hold the last days of summer as autumn draws near. Transcendence, a fountain sculpture by artist Jack Harmon, is located in front of the Graduate Student Centre.

News Digest

For the first time in recent memory, the Ubyssey will not be on the stands to greet new and returning students in September.

The student newspaper is without an editor and will not publish until October, said AMS vice-president Janice Boyle.

The AMS had hired an editor-in-chief, Trevor Curwin, who was scheduled to take the part-time post last month, but he declined the offer after being accepted at another university.

Boyle said the AMS executive would not appoint an interim editor directly because this would bypass the selection committee and compromise the integrity of the paper.

Curwin's appointment was a break with tradition at the Ubyssey. Previous editors were elected by newspaper staff, but the AMS has asserted more control over the paper after a series of controversial stories and photos appeared in the spring of 1993.

That summer, the AMS halted publication of the paper and set up a publications board to oversee editorial policy.

• • • •

UBC's University-Industry Liaison Office has received $500,000 as part of a $1.5-million grant from the provincial government to help develop the commercial and job potential of research carried out at B.C.'s universities.

Similar offices at Simon Fraser University and the University of Victoria have also received $500,000 grants under the government's BC 21 program.

The offices at all three universities are set up to help develop the commercial potential of university research by translating scientific investigations into saleable products and services, which create jobs and economic growth.

For example, a recent survey of UBC spin-offs found that 58 new companies have been formed since 1989. They had a total of 494 employees, 89 sponsored graduate students and annual sales of $22.5 million in 1993/94.

• • • •

UBC will co-ordinate a nation-wide study to determine if prenatal testing for fetal chromosomal abnormalities can be conducted safely and accurately during the early stages of pregnancy.

The three-year, $2.1-million trial led by Dr. Doug Wilson, an assistant professor of Medical Genetics, will involve 12 centres and more than 5,000 women across Canada. It will evaluate the safety, success, accuracy and psychological benefit of performing amniocentesis at 11 to 12 weeks of pregnancy. Currently, the test is not normally done until the fourth month of pregnancy, with final results available anywhere from three to five weeks later.

Developed in the 1970s, amniocentesis involves obtaining a sample for analysis of amniotic fluid surrounding the fetus. It is used to diagnose possible chromosomal abnormalities such as Down's Syndrome.

Funding for the study is being provided by the Medical Research Council of Canada.

THE CANADIAN SOCIETY OF CLINICAL HYPNOSIS
(B.C. Division)
presents

DR. BRUCE LIPTON
"INVISIBLE BIOLOGY AND THE MEDICAL FUTURE"

SATURDAY, OCTOBER 15, 1994
9 a.m. - 5 p.m.
UBC Hospital, UBC Site, Psychiatry Lecture Theatre

The New Physics has been around for 70 years. The New Biology is just now showing up . . . and its arrival is signalling the beginning of a new era in "mind-over-matter" medicine.

"Invisible Biology and the Medical Future" is a lecture/workshop designed expressly for the lay audience interested in understanding current developments in New Biology and their implications for the future of medicine.

Bruce H. Lipton, Ph.D., scientist, author, university professor and lecturer, will share his scientific breakthroughs. His research shows that changing our belief systems affects how our cells function. Hear compelling evidence that supports drugless healing. "By changing our belief system we can affect and correct disease." Biologically validate that your thoughts have power over cancer, allergies, heart disease, AIDS, arthritis and high blood pressure. Dr. Lipton will show you, in an entertaining and humorous way, how this works on a cellular level.

Fee: $75 before and $85 after September 15, 1994
Res./Students: $50

For further information contact Dorothy at
The Canadian Society of Clinical Hypnosis (B.C. Division)
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The classified advertising rate is $15 for 35 words or less. Each additional word is 50 cents. Rate includes GST. Ads must be submitted in writing 10 days before publication date to the UBC Community Relations Office, 207-6328 Memorial Road, Vancouver, B.C., V6T 1Z2, accompanied by payment in cash, cheque (made out to UBC Reports) or internal requisition. Advertising enquiries: 822-3131.

The deadline for the Sept. 22, 1994 issue of UBC Reports is noon, Sept. 13.

Services

SINGLES NETWORK Single science professionals and others interested in science or natural history are meeting through a nationwide network. Contact us for info: Science Connection, P.O. Box 389, Port Dover, Ontario, N0A 1N0; e-mail 71554.2160@compuserve.com; 1-800-667-5179.

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MOUNTAIN BIKE Rocky Mountain Fusion, full cromoly 16" frame, good for 5'8" or under. 3 years old but barely used, never on trails, Shimano Deore LX, fenders. $500. Call 224-0970.

UBC ALUMNI ASSOCIATION
ANNUAL GENERAL MEETING

You are invited to attend the 1994 AGM to hear of the past year's successes and this year's plans. Dr. David Hardwick, UBC geography prof. and former Vancouver alderman, will speak on the topic: **Directing Change**

Date – Sept. 22 **Time** – 6:00 pm for 6:30 start
Place – Cecil Green Park

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People

by staff writers

David Fielding, an associate professor of Pharmaceutical Sciences, is being honoured by the Council on Licensure, Enforcement and Regulation (CLEAR) with its 1994 Recognition Award for his research contributions in the field of continuing competency assessment and quality assurance for regulated professionals.

Fielding

Fielding received his EdD from UBC in 1977 and joined the university the same year. He has focused his research on this area since then and recently completed a four-year project concerning issues related to compulsory competence assessment for pharmacists.

He was cited by CLEAR for encouraging constructive change in the assessment of continued competence and for his contribution to the broader understanding of it as an important regulatory issue.

Fielding is a past director of continuing education in the Faculty of Pharmaceutical Sciences and has served as a consultant to the College of Pharmacists of British Columbia for the past 18 years.

The award will be presented during CLEAR's annual meeting in Boston on Sept. 30.

• • • •

Dr. Abraham Bogoch, a clinical professor emeritus of Medicine, has been presented with the Scopus Award, the highest honour bestowed by the Hebrew University of Jerusalem.

Bearing the name of Mount Scopus, where the Hebrew University's first cornerstones were laid in 1918, the award recognizes individuals who have excelled in their chosen fields and who have demonstrated humanitarianism throughout their careers.

Bogoch, a founder and past president of the Canadian Association of Gastroenterology, was cited for his tireless community service and leadership and for his distinguished, internationally renowned research.

He was presented with the award in Vancouver on May 29.

• • • •

Lynn Smith, dean of the Faculty of Law, has been retained by Legislative Speaker Emery Barnes to establish a procedure for dealing with grievances against officers of the legislature.

Smith

Officers of the legislature are people appointed to special jobs that require independence from the government.

They currently include the ombudsman, the auditor general, the conflict of interest commissioner, the commissioner on resources and the environment and the information and privacy commissioner.

• • • •

Peter Seixas, an assistant professor in the Dept. of Curriculum Studies, has been chosen as a 1994-95 National Academy of Education Spencer Postdoctoral Fellow.

The $35,000 U.S. fellowships are administered by the National Academy of Education, an honorary educational society based at Stanford University, and funded by the Spencer Foundation of Chicago. The foundation supports research that promises new knowledge for the improvement of education.

Seixas was selected from among several hundred outstanding postdoctoral scholars in education.

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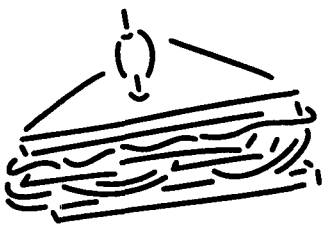

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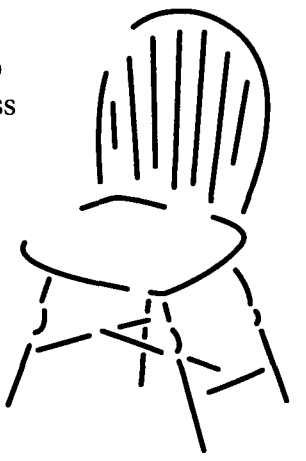

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ALMA MATER SOCIETY
OF THE UNIVERSITY OF BRITISH COLUMBIA

THE UNIVERSITY OF BRITISH COLUMBIA
Board of Governors

UBC's 15-member Board of Governors comprises the chancellor, the president, eight persons appointed by the lieutenant governor, two faculty members elected by faculty, two full-time students elected by students and one person elected by and from the full-time employees of the university who are not faculty members.

By legislation, the board is responsible for the management, administration and control of the property, revenue, business and affairs of the university, including the appointment of senior officials and faculty on the recommendation of the president.

The governors' diverse backgrounds provide valuable input during board deliberations. Although members bring to the board the views of various constituencies, there are no advocates for any one group. Decisions are made in the best overall interest of the university and in support of UBC's mission to be a world renowned institution of higher education and research.

THOMAS BERGER, a Vancouver lawyer and former B.C. Supreme Court justice, was appointed to the board in 1992. A UBC graduate, he received his BA and LLB from the university in 1956. Active in the New Democratic Party during the 1960s, Berger was an MP in 1962-63, an MLA from 1966 to 1969 and served as provincial leader of the party in 1969. He has headed several royal commissions including the Mackenzie Valley Pipeline Inquiry. In 1991 and 1992, he served as deputy chair of the Sardar Sarovar Review in India, the World Bank's first independent review of any of its projects. Berger holds honorary degrees from 13 universities and was made a freeman of the City of Vancouver in 1992. He received the Order of Canada in 1990.

Berger

SHIRLEY CHAN, external vice-chair of UBC's Board of Governors and manager of the non-market housing division of Vancouver's Housing and Properties Dept., was appointed to the board in 1992. Educated in Ontario and B.C., she received a master's degree in environmental studies from Toronto's York University in 1978. Chan has served as a private consultant and as an environmental and community planner. She was the chief of staff to the mayor of Vancouver between 1981 and 1986 and executive assistant to the president of BCIT in 1987-88. Chan is also chair of Vancity Savings Credit Union which received the 1993 Corporate Philanthropic Leadership Award from the Association of Fund Raising Professionals for helping to improve the lives of British Columbians.

Chan

BARBARA CROMPTON, chair of UBC's Board of Governors, was appointed to the board in 1990. She is founder and president of The Fitness Group, which specializes in exercise, nutrition and stress management programs in the commercial and corporate sectors. Crompton is also founder of the Health Managers' Group which designs employee fitness programs. A graduate of UBC (BEd '72), Crompton received the Maxwell A. Cameron Award in her graduating year for academic excellence and most outstanding teaching performance in the Faculty of Education. She is a recipient of the Award of Merit from the British Columbia Parks and Recreation Association for years of outstanding contribution to the health and fitness industry and of the UBC Alumni 75th Anniversary Award of Merit for achieving a high level of personal and professional success. She is a director of the Vancouver Board of Trade, a board member of IDEA, a 40,000-member organization of fitness professionals, and she appears on CBC-TV's health show Alive! Crompton was recently appointed a director of Canada Place Corporation.

Crompton

WILLIAM CULLEN, a professor of Chemistry, was elected by faculty to the board in 1992. He received his BSc and MSc at the University of Otago, New Zealand and his PhD at Cambridge University. Cullen joined UBC's Chemistry Dept. in 1958. He is a former chair of the Faculty Club board of directors and a past president of the UBC Faculty Association. Cullen has been the recipient of two Killam senior fellowships and is a fellow of the Chemical Institute of Canada and the Royal Society of Canada.

Cullen

MICHAEL HUGHES, a PhD candidate in laser and plasma physics, was elected for a second one-year term by the students to the board in 1994. A native of Victoria, B.C., Hughes received his undergraduate education at Queen's University in Kingston, Ont., before completing a Master of Applied Science degree in physics at UBC. He is actively involved with the Alma Mater Society's student council and Global Development Centre and with the graduate student council.

Hughes

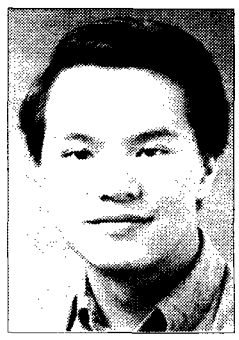
HAROLD KALKE, president and owner of Kalico Developments Ltd., a real estate development and investment company, was appointed to the board in 1994. Kalke received a BSc in civil engineering from the University of Alberta and an MBA from the University of Western Ontario. His real estate development projects have won community and heritage awards, including the Ethics In Action Award sponsored by Vancity Savings Credit Union and the Workplace Ministry Society. He is a member and director of the Urbanarium Development Society, a non-profit organization devoted to increasing understanding of urban planning and development issues. Kalke is a member of the Professional Engineers, Geophysicists and Geologists of Alberta and of the Advisory Planning Commission for the District of West Vancouver.

Kalke

Kunin

ROSLYN KUNIN, executive director of the Laurier Institution, was appointed to the board in 1993. She was educated in Quebec and Ontario and received a PhD in economics from UBC in 1970. Kunin was a visiting assistant professor in agricultural economics at the university in 1972-73, before joining Employment and Immigration Canada as a regional economist where she has served for the past 20 years. She has received the Crystal Ball Award from the Association of Professional Economists of B.C. on several occasions for forecasting the Canadian economy. Kunin is this year's recipient of the YWCA Women of Distinction Award for management and the professions.

ORVIN LAU, who is currently studying for a Master of Science degree in Business Administration, was elected for a second one-year term by students to the board in 1994. He served for three years as a member of UBC's Senate where he co-chaired an ad hoc committee on teaching evaluation. He also was a member of Senate's committee on academic policy and the ad hoc committee on the environment for teaching. Lau is currently a director of the Alma Mater Society and a member of the Campus Computing Advisory Board. He is the recipient of a number of honours including two Duke of Edinburgh awards.


Lau

ROBERT LEE, chancellor of the university, is a UBC graduate (BComm '56) and president of Prospero International Realty Inc. He served two terms as a member of UBC's Board of Governors prior to becoming the university's 14th chancellor in 1993, and was founding director of the UBC Foundation. In 1990 he was made a member of the Order of B.C. and was honoured with the Businessperson of the Year Award sponsored by the Vancouver Board of Trade, the Hong Kong-Canada Business Association, the Canada-Taiwan Trade Association and the Chinese edition of Lifestyle Magazine.

Lee

TONG LOUIE, chair and CEO of H.Y. Louie Co. Ltd., was appointed to the board in 1990. A UBC graduate (Agriculture '38), Louie is also chair, president and CEO of London Drugs Ltd., and vice-chair and director of IGA Canada Ltd. He was named Entrepreneur of the Year for B.C. in 1987 and was presented with the Outstanding Community Volunteer Leader Award by the YMCA of Greater Vancouver in 1988. Louie was named a member of the Order of Canada in 1989 and was presented with the Order of B.C. in 1991. He received an honorary LLD from UBC in 1990. Louie was presented with the 1993 Individual Philanthropic Leadership Award by the Association of Fund Raising Professionals for helping to improve the lives of British Columbians.

Louie

LOIS MOEN, an administrative clerk in the Faculty of Medicine, Dean's Office, Postgraduate Education, was elected by staff to the board in 1993. She has held her current position since 1989 after joining UBC a year earlier as a clerk in the Telecommunications Dept. Moen has served as a shop steward for CUPE 2950 for the past six years, sitting on the union local's executive as chief shop steward for one term. She currently chairs CUPE's education committee. Moen is a volunteer in numerous community associations and political organizations.

Moen

MICHAEL PARTRIDGE, regional vice-president of employee benefits for London Life Insurance Co., was appointed to the board in 1991. A UBC graduate (BComm '59), he has served as vice-president and president of the UBC Alumni Association and was co-chair of the David Lam Management Research Endowment Fund. Partridge received the Blythe Eagles Volunteer Service Award in 1987 and was a recipient of the 1990 UBC Alumni 75th Anniversary Award of Merit.

Partridge

DENNIS PAVLICH, internal vice-chair of UBC's Board of Governors and a professor of Law, was elected by faculty to the board in 1990. He received both his undergraduate and LLB degrees from the University of Witwatersrand in Johannesburg, South Africa before graduating from Yale University Law School with an LLM degree in 1975. Pavlich served as a faculty member at the University of Witwatersand before joining UBC. On two occasions he has won the Faculty of Law Teaching Excellence Award. His research and scholarly activities are in the area of real property law. He has served as president of the UBC Faculty Association and on the university Senate.

Pavlich

DAVID STRANGWAY, president and vice-chancellor of UBC, became a member of the board upon his appointment in 1985. The son of medical missionaries, he attended school in Angola and Rhodesia before entering the University of Toronto in 1952 where he earned undergraduate and graduate degrees in physics. Strangway was a faculty member at the University of Colorado and at the Massachusetts Institute of Technology before joining the Physics Dept. at U of T in 1968. In 1970, he became chief of NASA's Geophysics Branch, responsible for the geological aspects of the Apollo missions. He has been president of UBC since 1985.

Strangway

MARION YORK, a learning assistance teacher, was appointed to the board in 1994. York, who received a BEd, MEd and a diploma in Special Education from UBC, currently supervises the integration of children with special needs at David Thompson Elementary School in Kamloops. She also works with community resource personnel to provide information and workshops concerning special needs children, and provides assistance to children with learning difficulties in English and French. Since 1989, York has served on the Council for Exceptional Children as the executive member in charge of educational technology.

York