**UBC athletes take home medals**

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.

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 diversity.

**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.

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 more stable the revenue base. This provides a greater ability to maintain living standards across regions. "It may be hard for people to understand," said Goldberg.

**Decision Makers**

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

**Easy Access**

New traffic routes are opened to reduce traffic in the core of the campus

**Peak Performers**

UBC athletes Kevin Draxinger and Graeme Fell plan their next moves

**What's Happening**

The Calendar lists lectures, seminars, concerts and other campus events

**Page 2**

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 event 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."
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

Quebec

Continued from Page 1

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.

...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

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, 6326 Memorial Road.

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

Dr. Dan Birch
Mr. Bill Dobbs
Ms. Gail Edwards
Dr. Robert Kubicek
Dr. Barry McBride
Ms. Mary Risebrough
Mr. Larry Sproul
Prof. Elaine Stolar
Ms. Mary Stott
Dr. David Strangway (Chair)

Vetta Chamber Music & Recital Series

Victor Costanzi & Eugene Osadchy
Artistic Directors

Friday, September 23, 1994
8:00 p.m.

MOZART
DEBUSSY
COULTHARD
SCHAFFER

String Quartet in D Minor K421
DANSES SACRE ET PROFANE for Solo Harp
OF FIELDS AND FORESTS* for Solo Harp
THREE MAZURKAS* for Solo Harp

Tickets available at the door:
Adults $16, Students $13.

We gratefully acknowledge the support of the City of Vancouver
Mall access aimed at reducing traffic in core

by Gavin Wilson

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 B.C. 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 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 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.

Rentsline puts roofs over heads of student body

by Connie Filletti

UBC students looking for a place to live can find one at the touch of a finger-tip, 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 accommodations, students can advertise for roommates at a nominal cost.

“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.

Graduation Day

Students Carla Voyager, left, and Stephanie Roberts were among 25 First Nations students who recently received certificates as graduates of the third Synula Honours Program, a six-week university orientation for grade 11 students from B.C. schools. Synula, 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. Synula students live on campus 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.

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.
Monday, Sept. 12

Applied Mathematics Colloquium
Stability Boundaries In Off-Point Condensation Solutions Of A Reaction-Diffusion System With Axially Symmetric Domains. Prof. Imran Tohidi, University of Tehran, Tohidi U., Sendai, Japan. Math. 203 at 3:30pm. Call 822-4584.

Language Programs
Studies In Continuing Studies French, Spanish, Japanese and Cantonese conversation classes starting on Sept. 4, 27 and 29. Also German, Russian, Italian, Portuguese. Korean starting Sept. 4. Dr. Buchanan, 3rd floor, B2-42. For course times and registration information call 222-9000.

Free Movie Night
Every Monday. Main feature, Jesus of Montreal. Shot-Black, 5:30pm. Call 822-9565. For further information, call 222-9565.

Tuesday, Sept. 13

Graduate Student Society / Professional Development Seminar
Navigating NFO / The Internet. A panel of faculty and students will discuss resources available on the Web. Graduate Student Centre at 12:30pm. Refreshments served. Call 822-3201.

Botany Seminar
Plants, Herbivores/Fertilizers. Testing Trophic Structure In The Boreal Forest. Prof. Steven Elliott, MSc candidate. BCCH. GF Strong auditorium at 7pm. BYOP (phone call). Call 822-3253.

Lectures In Modern Literature

Biociences Seminar
Nutrients In The Strait of Georgia And Puget Sound: Assessing The Role Of The Salish Sea. Prof. Paul J. Harrison, Oceanography. Biological 205 at 3:30pm. Call 822-4587.

Pharmaceutical Sciences Seminar
Use Of Bacillus Calmette-Guerin In Diabetic Patients. Dr. James McCormack, Pharmacological Sciences. University Hospital, Life Sciences 2 at 4:30pm. Call 822-4645.

Centre for Applied Ethics Program Seminar
May Doomsday. A Panel Examination Of One Argument Used Against Active Euthanasia/Physician Assisted Suicide. Dr. Jeffrey Dworkin, Philosophy. U. of Ill. at Chicago. Augsburg 413 from 4:45pm. Call 822-5139.

Green College Lecture
Paying The Piper And Calling The Tune: A Concept On School Control In B.C.'s Public Schools. Green College, 4th floor, B2-42. At 5:30pm. Call 822-9060.

P. Eng. Exam Tutorials
Professional Engineering Examination Preparation Tutorials. An evening series to assist applicants to prepare for APEGBC Professional Engineering Examinations Civil/Mechanical 2:00 from 6:30-9:00pm. Sept. 13, 20, 27, Oct. 4. Call 822-9060.

Wednesday, Sept. 14

Microbiology / Immunology Seminar
Identification Of The Acid/Base Catalysts In The D, L-Glycine C.f.mn., Aladavix MacLeod, grad student. BioSciences 200 at 12:30-1:30pm. Call 822-4121.

Woodward Lecture Series
Woodward Lecture Series: Probes Of Biological Chemistry. Alan D. McQuillan, chemistry, UBC, Woodward (BC) at 4:30pm. Refreshments at 3:30pm. Call 822-9671.

Biochemistry Seminar

Thursday, Sept. 15

Woodward Lecture Series

Physics Colloquium
Neutrino Oscillations. Reena Maity, CERN, Geneva. 201 at 4pm. Call 822-3653.

Botanical Garden Plant Sale

Canadian Studies Workshop
Questions Of Health And Justice: Environmental Conflicts In The Fraser Valley. Speakers are: Brian Elliott, Barbara Alldritt, and John Anala. Green College small dining room at 8pm. Call 822-5139. Attendees are welcome to dinner in the College Dining Hall. Call in advance (3 days) for dinner reservations at 822-9660.

Green College Lectures / Microbiology / Immunology Seminar

Air Testing
Koerner's Pub/Ale Tasting. Graduate Student Centre at 7pm. No cover charge. Call 822-2303.

Friday, Sept. 16

Pediatrics Grand Rounds

September 17 Through September 24

Microbiology / Immunology
Wednesday, Sept. 21

First Aid/CPR Courses
First Aid/CPR Courses offered to UBC students on Saturdays in DC, and on Monday and Friday evenings. Also Sept. 22. SOFA/CPR courses offered to UBC students on Saturdays in DC. Open to the public. Call 822-2306.

Wednesday Night Hour Concerts
The Hard Rubber Orchestra. Music, 1202 from 12-1:30pm. Call 822-7246.

Saturday, Sept. 24


Calendar
Calendar items must be submitted on forms available from the UBC Community Relations Office, 1007-6328 Memorial Road, Vancouver, B.C. V6T 1Z2. Phone: 822-3131. Fax: 822-2684. Please limit to 50 words. Submission of the Calendar does not guarantee space. Due to limited space, Deadline for the September 22 issue of UBC Reports — which covers the period September 25 to October 8 — is now September 13.
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 university of over 30,000 students with 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 over $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.

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.

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 ready 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.

**TABLE 1**

**Total Revenue by Source for the year ended March 31, 1994**

(millions of dollars)

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Province of BC</td>
<td>360</td>
<td>343</td>
<td>333</td>
<td></td>
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<tr>
<td>Endowment donations</td>
<td>17</td>
<td>18</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Investment income</td>
<td>31</td>
<td>32</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non government grants</td>
<td>46</td>
<td>47</td>
<td></td>
<td></td>
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<tr>
<td>Sales &amp; student fees</td>
<td>80</td>
<td>77</td>
<td></td>
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<tr>
<td>Total Revenue</td>
<td>710</td>
<td>698</td>
<td>687</td>
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</table>
The total General Purpose Operating (GPO) income increased to $352.6 million, a 4.4% 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 enrolment 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 $1 million 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 $89.6 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 enrollment, and a 6.5% increase in FTE graduate enrollment. First year undergraduate enrolments in all faculties continue to be controlled via Senate approved enrolment 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 $117.6 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 Sessions (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 rates and 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 $853,000.

### Table 2

<table>
<thead>
<tr>
<th>Academic and Support Expenditures (GPO)</th>
<th>100.0%</th>
<th>26.7</th>
<th>27.5</th>
<th>26.6</th>
<th>27.1</th>
<th>26.9</th>
</tr>
</thead>
<tbody>
<tr>
<td>100.0%</td>
<td>26.7</td>
<td>27.5</td>
<td>26.6</td>
<td>27.1</td>
<td>26.9</td>
<td></td>
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<tr>
<td>20.0%</td>
<td>5.9</td>
<td>5.7</td>
<td>5.6</td>
<td>5.7</td>
<td>5.3</td>
<td></td>
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<tr>
<td>40.0%</td>
<td>67.4</td>
<td>66.8</td>
<td>67.9</td>
<td>67.2</td>
<td>66.8</td>
<td></td>
</tr>
<tr>
<td>60.0%</td>
<td>4.0</td>
<td>6.4</td>
<td>6.6</td>
<td>6.7</td>
<td>6.3</td>
<td></td>
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<tr>
<td>80.0%</td>
<td>0.0</td>
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Support includes Library, Student Awards & Services, Administration, Plant Operations, External Affairs, and General Expenses.

### Table 3

<table>
<thead>
<tr>
<th>Schedule of Endowment Funds (millions of dollars)</th>
</tr>
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<tbody>
<tr>
<td>UBC</td>
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<tr>
<td>300.0</td>
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<tr>
<td>250.0</td>
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<tr>
<td>200.0</td>
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<tr>
<td>150.0</td>
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<tr>
<td>100.0</td>
</tr>
</tbody>
</table>

Fiscal Year

84/85 85/86 86/87 87/88 88/89 89/90 90/91 91/92 92/93 93/94

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.
The The Sporsered 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 $863.1 million in 1984/85 to $1,250.0 million in 1992/1994, an increase of 98.1% over the last 10 years. 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 (1992/94 $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 $7 million 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 $81 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

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Research at UBC</th>
<th>Network research funds distributed to other institutions</th>
</tr>
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<tbody>
<tr>
<td>84/85</td>
<td></td>
<td>84/85</td>
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<td>85/86</td>
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<td>86/87</td>
<td>83.1</td>
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<td>86.4</td>
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<td>106.9</td>
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<td></td>
<td>112.8</td>
<td>13.6</td>
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<tr>
<td></td>
<td>120.7</td>
<td>13.6</td>
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<tr>
<td></td>
<td>125.8</td>
<td>13.6</td>
</tr>
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</table>

### 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.

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, accommodating 29.7% of the full time undergraduate student population.

### CAPITAL ENTERPRISES

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 (CICSIR), 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.

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.
TO PROFESSOR

Overall, Christopher — Clinical Dental Sciences (with tenure)
Piret, James — Biotechnology Laboratory (Chemical Engineering) (with tenure)
Pourrut, A. — Metals & Materials Engineering
Quaymii, Karin — Surgery (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)
Sadowski, A.D. — Medical Genetics (grant tenure)
Sautch, Terrance — Biotechnology Laboratory/Psychiatry/Zoology (with tenure)
San, Joseph — Health Care & Epidemiology (with tenure)
Tetsche, Kay — Health Care & Epidemiology (with tenure)
Tush, Joseph — Medicine (grant tenure)
Ufaro, Francis — Microbiology
Welner, D.E.B. — Architecture (with tenure)
Williams, Keith — Obstetrics & Gynaecology (grant tenure)
Woolard, Robert — Family Practice (grant tenure)
Wright, John — Theatre & Film

TO ASSOCIATE PROFESSOR

Armstrong, Robert — Paediatrics
Barr, P.V. — Metals & Materials Engineering
Buckley, Anne R. — Laboratory/Microbiology
Carrasco, John — Forest Sciences/Biotechnology Laboratory (with tenure)
Chantler, Janet — Pathology
Clarke, Christopher — Forest Sciences
Cimolai, Nevio — Pathology (with grant tenure)
Clark, Campbell — Psychiatry
Cohen, David — Wood Science (with tenure)
Danieck, Judith — Counselling Psychology (with tenure)
Davis, Noelle — Surgery (with tenure)
Douglas, Carl — Botany
Durance, Timothy — Food Science
Faulonde, Jonathan — Forest Resources (with tenure)
Finlay, Brett — Biotechnology Laboratory/Microbiology/Immunology/Biochemistry & Molecular Biology (with tenure)
Fluker, Margo — Obstetrics & Gynaecology (grant tenure)
Haverkamp, Beth — Counselling Psychology (with tenure)
Hellwig, Tinake — Asian Studies (with tenure)
Henderson, A.D. — Nursing (with tenure)
Ho, Vincent — Medicine (grant tenure)
Ivanov, A. — Electronic Engineering (with tenure)
Iyer, Nitya — Law (with tenure)
Jaecker, N.A.P. — Electronic Engineering (with tenure)
Jefferies, Wilfred — Microbiology & Immunology/Medical Genetics (with tenure)
Jennings, P. Devereaux — Commerce (with tenure)
Kazanjian, Armhne — Health Care & Epidemiology
Kline, Marline — Law (with tenure)
Krause, Paul — History (with tenure)
Kronstad, James — Biotechnology Laboratory/Microbiology & Immunology/Plant Science (with tenure)
LaBontagne, Andre — French (with tenure)
LeMay, Valerie — Forest Resources Management (as Associate Professor)
Li-Chan, Eunice — Food Science (as Associate Professor)
Mallard, Keith — Creative Writing (as Associate Professor)
Malloy, Stephen — Theatre and Film
Mart, James — Medical Genetics (as Associate Professor)
Martin, J.R. — Electrical Engineering (as Associate Professor)
McCagar, Linda — Family and Nutritional Sciences
McCaughr, David — Geography (grant tenure) (as Professor)
Mccormack, James — Pharmaceutical Science (as Associate Professor)
McIlroy, Brian — Theatre and Film
McDonnell, Donald — Oral Medical and Surgical Sciences
Mikelsberg, Frederick — Ophthalmology
Ouellet, Christopher — Dental Clinical Sciences (as Associate Professor)
Pallm, Marlene — Educational Psychology & Special Education
Quaymii, Karin — Surgery (grant) (as Associate Professor)
Rogan, David — Wood Science (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)
Schwarz, Michael — Medical Genetics (grant tenure) (as Associate Professor)
Seizem, R.G. — Civil Engineering
Seitz, M. — Mineral & Mining Process Engineering
Sautch, Terrance — Biotechnology Laboratory/Psychiatry/Zoology (as Associate Professor)
Schull, Delia — Agricultural Sciences (as Senior Instructor)
San, Joseph — Health Care & Epidemiology (as Associate Professor)
Tetsche, Kay — Health Care & Epidemiology (as Associate Professor)
Teschke, Kay — Health Care & Epidemiology (as Associate Professor)
Welner, D.E.B. — Architecture (as Associate Professor)
Williams, Keith — Obstetrics & Gynaecology (grant tenure) (as Associate Professor)
Woolard, Robert — Family Practice (grant tenure) (as Associate Professor)
September 1 through September 24

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 fell short of his goal in his first international meet and we had some good swims in Victoria. There are a whole bunch of swimming memories I leave with."

Draexigner 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 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."

Fell 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."

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. "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."

Fell made that abundantly clear with a bronze-medal performance in the steeplechase at the Commonwealth Games in Auckland.

"I expect to work hard during the winter as autumn draws near. Transcendence, a fountain sculpture by artist Jack Harmon, is located in front of the Graduate Student Centre."

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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 822-2592/Rich at 822-2813.

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

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 cornerstone 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.

Lyria 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.

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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UBC's 15-member Board of Governors includes the president, eight persons appointed by the lieutenant governor, two faculty members appointed by the university, 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 board's members provide valuable input during board deliberations. Although members bring to the board various backgrounds, 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 Supreme Court justice, was appointed to the board in 1992. A UBC alumnus, he received his BA and LLB from the university in 1956. Active and 1992, he served as deputy chair of the Mackenzie Valley Pipeline Inquiry. In 1991, Berger was first independent review of any of its leaders of UBC's Board of Governors and manager of the Credit Union which received the 1993 Corporate Philanthropic Leadership Award from the Canadian Federation of University Teachers.

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 is chair of the UBC's Chemistry Dept. in 1994. He is a former chair of the Faculty Club board of directors and 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.

MICHAEL HUGHES, a PhD candidate in laser and plasma physics, was elected by faculty to the board in 1994. In 1992, he received a second-year term for the director of the Maxivan Institute of Technology. Hughes received his undergraduate degree from 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 and is a member of the University's alumni association.

MATER STUDY'S student council and Global Development Centre and with the graduate student council.

HAROLD KALKE, president and owner of Kalke Investments Ltd., a real estate development and investment company, was appointed to the board in 1994. Kalke has served as director of 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 Achievements Award sponsored by the Savings Credit Union and the Workplace Ministry of Canada. He is a member of the University's alumni association and a faculty member of the University of Alberta and the Faculty of Law. He is a member of the National Academy of Engineering and is also a fellow of the Royal Society of Canada and a member of the Order of Canada (1992). Kalke also received his BSc and MSc at the University of British Columbia and his PhD at Cambridge University. He received his PhD in nuclear physics from the University of Oxford in 1972 - 73 before joining Employment and Immigration Canada as a regional economist where he served for the past 20 years. He has received the Crystal Ball Award from the Association of Professional Economists of B.C. on several occasions for forecasting the Canadian economy. Kusin is a researcher in the Leung Women of Distinction Board of Governors for the past 10 years. He has a PhD and served as a member of the University of British Columbia's Labour Economics Caucus, the University of British Columbia's Labour Economics Caucus, and a member of the Canadian Economics Association. Kusin is a member of the Labour Economics Caucus and a member of the Canadian Economics Association. He is also a member of the University of British Columbia's Labour Economics Caucus, the University of British Columbia's Labour Economics Caucus, and a member of the Canadian Economics Association. Kusin is a member of the Labour Economics Caucus and a member of the Canadian Economics Association.

OLIVIA KUSIN, a professor of the Faculty of Management, was elected to the board in 1992. She is a member of UBC's Faculty of Management and is a past president of the Canadian Economics Association. Kusin is a member of the Labour Economics Caucus and a member of the Canadian Economics Association. She is also a member of the University of British Columbia's Labour Economics Caucus, the University of British Columbia's Labour Economics Caucus, and a member of the Canadian Economics Association. Kusin is a member of the Labour Economics Caucus and a member of the Canadian Economics Association.