

UBC Reports

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Late budget means financial difficulties

UBC's president, Dr. K. George Pedersen, continues to carry out an intensive round of consultations with deans and other University officials in order to resolve what he describes as a "difficult" 1983-84 budget situation.

In an interview with *UBC Reports*, Dr. Pedersen said the University's financial difficulties largely stem from the fact that "we are two months into the second

quarter of the fiscal year with commitments to everything that was in place at the end of the last fiscal year." (The full text of the interview with Dr. Pedersen begins on page two of this issue.)

UBC's current fiscal year began on April 1, 1983. However, the provincial government did not introduce a budget in the legislature until early July, and it was not until Aug. 9 that the Universities

Council of B.C. announced the division of government grants to the three public universities.

In his *UBC Reports* interview, Dr. Pedersen said it was incorrect to say that UBC will have the same operating budget in 1983-84 as it had in the last fiscal year.

The operating grant to the universities for 1983-84 totalled \$300,993,292, exactly what was provided last year after a \$12

million rollback in the middle of the financial year. UBC's share of the global grant is \$172,370,508 for general operating purposes, plus \$8,342,405 for expansion of the medical school, the same as last year.

However, the government has reduced by about \$3 million the funds for a wide range of miscellaneous higher-education programs which are designated in the ministry budget as "Operating Grants-Other." In UBC's case, a total of more than \$2 million has been removed under this category for the support of such programs as Health Care Teaching Costs, the Industrial Education Program, non-metropolitan programs and a project in the UBC library involving computerization of library holdings.

UBC also has to fund permanently a liability of about \$1.1 million arising out of faculty salary increases awarded last year and must provide an additional \$800,000 to pay for increased utility costs in 1983-84.

These commitments, the president said, total between \$3.5 and \$4 million and don't take into account salary increases for faculty and support staff, inflation on supplies and expenses and the introduction of new programs.

"I'm not at all sure that the University can deal with a problem of (that) magnitude... five-twelfths of the way through the fiscal year.

"It may be that when we've considered everything in the way of options UBC, for the first time in its history, may have to seek approval of the provincial government to run a deficit."

Under Section 28 (1) of the University Act, the provincial legislation that outlines University government, the University's Board of Governors is prohibited from incurring any liability or making any expenditure in a fiscal year over and above the total of funds expected from the provincial government, student fees and miscellaneous revenues, "unless an estimate of the increased liability, or overexpenditure has been first submitted to the universities council and approved by the minister (of universities) and Minister of Finance."

The president also expresses concern about a problem arising out of the expansion of UBC's medical school. He said the position of provincial universities minister Dr. Patrick McGeer is that sufficient monies have already been provided to enable the medical school to double its intake of first-year students from 80 to 160.

UBC will this year enrol 130 first-year medical students, the same number as last year. UBC received no increase in funds in its 1983-84 budget to enable it to consider expanding the first-year class beyond 130 students.

The president said he had received a letter from the provincial ministry of universities indicating that if expansion to 160 students does not occur the minister would be forced to reallocate funds from the medical expansion program to the development of equally important programs at other B.C. universities.

Dr. Pedersen also said in his *UBC Reports* interview that serious consideration will have to be given in the coming year to placing enrolment restrictions on UBC programs that currently do not have enrolment limits.

UBC won't lack students in 1983-84

UBC may be experiencing some fund shortfalls this year, but there's one thing it won't lack in 1983-84 — students.

UBC Registrar Kenneth Young says enrolment at UBC could increase between 8 and 9 per cent this year — a rate of increase UBC hasn't experienced since the 1960s.

His guess is based on the number of authorization-to-register forms which were issued up to the end of August. This year, 30,813 forms were issued compared to 28,367 at the same time last year.

That's an increase of 2,446 or 8.6 per cent.

The number of forms issued to students classified as new admissions (applicants for first-year programs and transfers from colleges and other universities) is also up by nearly 20 per cent from 7,566 in 1982 to 9,024 this year.

Mr. Young doesn't have comparable figures for the number of forms issued for first-year programs as of Aug. 31. However, as of Sept. 15 last year, forms had been issued to 4,053 entrants at the year-one level. The comparable figure for the same programs as of Aug. 31 this year is 4,623, an increase of 14 per cent.

The registrar is quick to point out that not everyone who gets an authorization-to-register form actually shows up to register. He said the "shrinkage" rate in the past has varied between 10 and 15 per cent, but last year dropped to 8.9 per cent.

Some quick calculations will tell you that if the shrinkage rate this year is the same as last, some 28,000 students will register for day and nighttime credit programs, an increase of 8.6 per cent over last year when 25,831 enrolled.

The biggest increases in enrolment are likely to be in the Faculties of Arts and Science, Mr. Young said.

UBC's dean of Science, Dr. Cyril Finnegan, said his faculty would be hard pressed to accommodate even 100 more undergraduate students than the 3,885 who enrolled last year. His problems centre on a lack of classroom and laboratory space.

UBC's Faculty of Forestry will introduce its new four-year program this year, which means it will be taking in students directly from high school for the first time in its history.

A total of 129 students have been admitted to the first year of the new program. Students who last year were



Dr. Roy Taylor, right, head of UBC's Botanical Garden, was among the first visitors to Norman MacKenzie House when UBC's new president, Dr. George Pedersen, and his wife, Joan, moved into the renovated house on Sept. 1. Appropriately, Dr. Taylor brought with him a bouquet of flowers from the campus garden, which formerly had its headquarters in the house and which has moved a stone's throw away to the former Home Management House on Northwest Marine Drive.

Pedersen Exchange provides chance to air your concerns

Dr. George Pedersen, UBC's new president, plans to continue at UBC one activity he initiated while president of Simon Fraser University.

It's called the Pedersen Exchange and is designed to give any member of the on-campus University community an opportunity to meet personally with the president to discuss matters of concern.

The Pedersen Exchange begins on Monday (Sept. 12) at 3:30 p.m. in a room adjacent to the Librarian's office in the Main Library. President Pedersen will be available until 5 p.m.

Members of the University community who wish to meet with the president should speak to the receptionist in the Librarian's office, which is immediately to the left of the main entrance of the Main Library building. She'll direct those wishing to see the president to the meeting room.

"As I see it," President Pedersen said,

"the exchange allows me to get to know people in the University community and at the same time provides an avenue for the expression of concerns, both positive and negative."

He said the exchange proved to be both useful and successful when he was president of Simon Fraser University. "The bulk of those who took advantage of it were students who had some difficulty with the organizational bureaucracy of the university."

Not all those who appeared for the exchange came with problems. "I found that many people came to tell me how well they'd been treated by some campus unit," he said.

Normally, the Pedersen Exchange will take place every Monday from 3:30 to 5 p.m. if the president is on campus. It is cancelled for Sept. 19 because Dr. Pedersen will be away on that date.

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See ENROLMENT

AN INTERVIEW WITH UBC'S NEW PRESIDENT

Enrolment limitations may be necessary at

UBC Reports interviewed UBC's new president, Dr. K. George Pedersen, on two occasions last month — on Aug. 2, the day before he left for meetings of the Association of Universities of the British Commonwealth in England, and on Aug. 29, shortly after his return to the campus. What follows is an amalgamated version of the two interviews, during which he discussed a wide range of University problems and activities.

UBC REPORTS: On Aug. 9, more than four months after the start of the current fiscal year, the University was told by the Universities Council of B.C. what its operating budget would be for 1983-84. In the time that's been available to you since your return from meetings in England, what have your priorities been?

PRESIDENT PEDERSEN: Basically, we've been trying to understand where the University stands financially. We're in a difficult financial position, largely stemming from the fact that we are two months into the second quarter of the fiscal year with commitments to everything that was in place at the end of the last fiscal year.

The stories that have appeared in the media seem to indicate that we have the same operating budget as last year. In UBC's case that's not true. We have the same dollars in the general operating budget, but in terms of special funding for a number of specific programs, which comes under the heading of "Operating Grants-Other" in the provincial budget, a total of more than \$2 million applicable to UBC been removed. It appears the University is expected to find the shortfall out of its general operating budget.

UBC REPORTS: Can you be specific about the items which have been removed under Operating Grants-Other?

PRESIDENT PEDERSEN: Most of the shortfall — just over \$1.6 million — is accounted for under two headings — Health Care Teaching Costs* in the Faculty of Medicine and the Industrial Education program** in the Faculty of Education.

Last year, the funds for Industrial Education were cut in half by the government and this year the allocation has been reduced to zero. Last year, we met the other half of our obligation in this area through surplus funds, but this year we're not in a position to provide support from that source. The deans of Medicine and Education are looking at these matters closely.

The other large reduction is in the funding for non-metropolitan programs, which is vital to our commitment to extend programs beyond the Greater Vancouver area.

UBC REPORTS: What other fiscal problems do we have?

PRESIDENT PEDERSEN: We have a liability arising out of faculty salary increases awarded last year. That liability is of the order of \$1.1 million and was to be met in whole by not replacing a number of retiring faculty members. There remains a gap of about \$250,000 to be found. And funds of the order of \$800,000 have to be found to provide for anticipated increases in the cost of utilities.

To this point, I have mentioned commitments totalling some \$3.5 to \$4 million. There is also the question of providing salary increases for our teaching and support staff. Some 89 per cent of our general operating budget comprises salaries and benefits, two-thirds representing faculty costs and one-third support staff.

*Health Care Teaching Costs pay for UBC library and audio-visual space as well as utility costs at affiliated Vancouver hospitals where UBC medical students receive clinical training.

**The Industrial Education program of the Faculty of Education enrolls 100 students who are being trained as teachers of industrial arts at the secondary school level. UBC is the only B.C. university involved in the training of such teachers. The program was undertaken by UBC in 1957 at provincial-government request.

Each 1 per cent increase in the salary base is equal to \$1.8 million.

I should mention, too, that nothing has been provided for inflation on non-salary items, nor for the provision of new programs in pulp and paper engineering and journalism, which we would like to launch.

So our short-run problem to balance the 1983-84 books is considerable and is compounded by the shortage of time. It may well be that after considering all the options UBC, for the first time in its history, may have to seek approval from the provincial government to run a deficit.

Added to this is a problem arising out of the expansion of the medical school. A letter has been sent to me indicating that it's the position of the minister (Dr. Patrick McGeer, minister of universities) that he has given UBC all the funds it needs to double enrolment in first-year medicine from 80 to 160 students. + And it's been indicated that if we don't comply with that expectation, resources will be withdrawn and applied to programs at the other two universities.

So that's another problem we're going to have to deal with. The problem of the medical school is not an isolated one, even though there was a clear understanding that expansion of the medical school would not be at the expense of any existing program.

UBC REPORTS: In the light of what you've said so far, do you think student fees will have to increase?

PRESIDENT PEDERSEN: The University has only three possible options at the present time in terms of financial support. One is that the government will provide increased levels of support; secondly, that the private sector will come to the aid of the universities and provide more in the way of recurring support . . . and it has to be recurring, because one-time-only money is not helpful . . . and the third option is student fees. There's no question that student fees are going to be reviewed.

I have a somewhat schizophrenic view of fees . . . two views that make some sense to me. One is to go to the British or Australian system, where there are no fees. Under this system there are very demanding standards for getting into university, but once admitted the students pay nothing and no one who has the capacity for a university education is denied the opportunity to go.

The other route is that of charging considerably higher fees to the student . . . considerably higher than we now charge. This is based on an economic argument which goes like this: The present relatively modest level of fees that students are required to pay serves as a subsidy to those of us who can afford to pay higher fees to send our children to university.

I am an example of an individual who can obviously pay higher fees to send my daughter to university in this province. In effect, what I get is a subsidy of the difference between whatever level we think would be the right one to set and the current levels.

That latter view, of course, terrorizes a lot of people. The corollary that has to be in place with that option is a very effective aid system to ensure that qualified students aren't denied admission on the grounds that they don't meet the financial requirements.

We have to recognize that over the years, universities have allowed the proportion of the operating budget that's carried by students to be reduced substantially and this has created the expectation among B.C. students that their tuition fees are going to be relatively lower than elsewhere. So it's difficult for them to accept the idea of substantial increases.

I'm of the view that this is something the three universities should sit down and discuss together and come to some agreement on what proportion of the

+ UBC last year enrolled 130 first-year students in the Faculty of Medicine. This year, an equal number will be admitted because the University has received no increase in funds to provide for further expansion of the medical school.



President George Pedersen

budget should be borne by student fees, ensure that we have an adequate financial aid program so that good students aren't prevented from enrolling and ensure that the three institutions have the same level of tuition fees.

The second aspect of this question is how the University maintains quality of education and, indeed, builds on it, at the same time as it's faced with restraint. There are two basic ways one can go.

The first is to say that we will make across-the-board cuts over some period of time and continue to support all areas equally on the earlier budget base. I have a problem with that. It's a neat solution simply to say that everyone has to take a two- or five-per-cent cut, or whatever the required level of cutback. But in the long-run, UBC will not be well served by that approach.

So one has to have time to go through the exercise of knowing where we have strong academic units that continue to get supported and where we have units that perhaps need improvement . . . where it would be possible to reduce the complement of people in those units without harming them in an academic sense.

I think it's important for people to recognize that the restraint problem is not here just for 1983-84. It's likely to be with us for three to five years. As I understand it, the provincial Treasury Board is not expecting an improvement for at least that period and any improvement in that period is largely dependent on the government's ability to get its bill for health services under control . . .

It's my understanding, too, that the major forest companies in B.C. will not be paying any corporate income tax for the next three years because they have tax losses they can write off over that time. So there's no doubt the government has some difficult choices to make in terms of getting its own budget in order.

As far as UBC is concerned, we have to start to do the longer-term planning that's necessary to deal with a period of restraint that is longer than just the short run. So in answer to the question, we may not be bigger, indeed we may be smaller. But the question is, can you reduce size and at the same time maintain the existing quality

of the institution and even build on it? That's a very difficult assignment.

UBC REPORTS: Are enrolment limitations in programs that don't now have them a possibility in the future?

PRESIDENT PEDERSEN: I don't think there's any question that we are going to have to take a hard look at the number of students this University can accommodate. Overall this year the number of students eligible to register is up 8.4 per cent to more than 29,200 and the numbers eligible to register in first-year programs is up by nearly 25 per cent.

I don't think the universities can continue to admit more and more students without increases in operating grants. That doesn't seem to bother the government too much . . . the minister of universities is on record as saying that too many students are going to university in this province.

I don't agree with that given the percentage of students in British Columbia who take advantage of higher education relative to other Canadian provinces. And I think that policy has the potential to be difficult for the government in the long haul, especially when it becomes increasingly evident to more and more people that they can't get their sons and daughters into university.

Limiting enrolment is clearly a difficult step for the universities to take, but I don't think we have much choice. If we don't take that position we would have to acknowledge that we have sufficient funds to continue to grow without the additional support that's implied as the result of enrolment increases.

UBC REPORTS: Do you have some general philosophy of higher education that underlies your activities as an academic and president?

PRESIDENT PEDERSEN: As I reflect on the things that have influenced me over the years, there are a couple that come to mind. One is something that I didn't realize until fairly recently, but probably should have much earlier. It really has to do with my parents, who came to this country as immigrants and started out in a very modest way. They did two things — they worked very hard and felt that when you did something you did it as well as you possibly could.

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	Estimated Number	Percentage
White (non-Hispanic)	1,000,000	75.0%
Black (non-Hispanic)	150,000	11.3%
Hispanic (Latino)	100,000	7.5%
Asian (non-Hispanic)	50,000	3.8%
Native American (non-Hispanic)	10,000	0.8%
Pacific Islander (non-Hispanic)	5,000	0.4%
Other (non-Hispanic)	15,000	1.2%

1. 10. 2010

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CAMPUS DIRECTORY

A	ADMINISTRATION BUILDINGS	General Services	2075 Westbrook Mall	F-7
		Old	6328 Memorial Road	D-4
	Admissions Office		2075 Westbrook Mall	F-7
	Adult Education Research Centre		5760 Toronto Road	H-5
	Advanced Technology and Microelectronics, Centre for		2356 Main Mall	H-5
	Agricultural Economics Department		2014 Lower Mall	F-3
	Agricultural Sciences, Faculty of		2357 Main Mall	H-4
	Agriculture Canada		6660 Northwest Marine Drive	G-2
	Alma Mater Society		6138 Student Union Building Boulevard	E-6
	Alumni Association		6270 Cecil Green Park Road	A-5
	AMS Box Office		6138 Student Union Building Boulevard	E-6
	Anatomy Department		2177 Westbrook Mall	F-7
	Angus Building (Commerce)		2053 Main Mall	E-4
	Animal Care Centre		6199 South Campus Road	C-6
	Animal Science Department		2204 Main Mall	G-3
	Anthropology, Museum of		2357 Main Mall	H-4
	Anthropology/Sociology Department		6303 Northwest Marine Drive	B-4
	Applied Mathematics and Statistics		1984 Mathematics Road	D-4
	Applied Science, Faculty of		2324 Main Mall	G-5
	Aquatic Centre		6121 University Boulevard	E-6
	Archaeology		6303 Northwest Marine Drive	B-4
	Architecture, School of		6303 Memorial Road	C-4
	Armoury		1956 Main Mall	D-5
	ART GALLERIES: Fine Arts Gallery		1866 Main Mall	F-4
	Arts, Faculty of		6358 University Boulevard	F-5
	Arts One General Office		1871 West Mall	C-3
	Asian Centre		1871 West Mall	C-3
	Asian Research, Institute of		1871 West Mall	C-3
	Asian Studies Department		1871 West Mall	C-3
	Asian Studies Library		1871 West Mall	C-3
	Astronomy, Department of Geophysics and		2219 Main Mall	G-4
	Athletic Office		6081 University Boulevard	E-7
	Audiology and Speech Sciences		5804 Fairview Crescent	J-8
	Auditorium, Yum Yum's at the		8344 Memorial Road	D-4
	Auditorium Office Annex		6400 Stadium Road	D-4
	Audio Visual Services		2206 East Mall	F-6
	Awards and Financial Aid		2075 Westbrook Mall	F-7
B	Bank of Montreal: SUB Branch		6138 Student Union Building Boulevard	E-6
	Barn Coffee Shop		2223 Main Mall	C-4
	B.C. Enrollment Forecasting Committee		6328 Memorial Road	D-4
	B.C. Mental Retardation Institute		2765 Osoyoos Crescent	K-8
	B.C. Research		3650 Westbrook Mall	O-8
	Berwick Centre		2765 Osoyoos Crescent	K-8
	Berwick Preschool		2765 Osoyoos Crescent	K-8
	Bio-Resource Engineering Department		2357 Main Mall	H-4
	Biological Sciences Building		2146 Health Sciences Mall	F-6
	Biomedical Communications Department		6270 University Boulevard	F-5
	Biopsychology Building		6386 University Boulevard	F-4
	Board of Governors		6328 Memorial Road	D-4
	Bokarest Garden		6200 University Boulevard	F-5
BOTANICAL GARDEN				
	Alpine Garden		6400 Stadium Road	M-3
	Asian Garden		6400 Stadium Road	M-3
	B.C. Native Garden		6400 Stadium Road	M-3
	Education Centre/Office		6501 Northwest Marine Drive	B-3
	Main Garden and Centre		6400 Stadium Road	M-3
	Nitobe Memorial Garden		1903 West Mall	C-3
	Nursery		6088 South Campus Road	R-7
	Physic Garden		6400 Stadium Road	D-4
	Rosa Garden		6200 Crescent Road	F-5
Botany Department			6270 University Boulevard	F-5
Box Office: AMS			6138 Student Union Building Boulevard	E-6
Frederic Wood Theatre			6354 Crescent Road	C-4
Brook Hall			1874 East Mall	D-6
Buchanan Building (Arts)			1866 Main Mall	C-5
Buchanan Fitness Centre			6121 University Boulevard	E-6
Buchanan Tower (Arts)			1873 East Mall	C-5
Bus Stop Coffee Shop			2009 Main Mall	E-4
C	Campus Mail Room		2075 Westbrook Mall	F-7
	Canada Employment Centre (Students)		1874 East Mall	D-6
	Canadian University Service Overseas (CUSO)		1783 West Mall	C-3
	Caney Hall (Baptist)		5920 Iona Drive	B-8
	Cecil Green Park (Alumni Association)		6251 Cecil Green Park Road	A-5
	Centre for Continuing Education		5997 Iona Drive	B-8
	Centre for Human Settlements		2206 East Mall	G-6
	Ceremonies Office Annex		6328 Memorial Road	D-4
	Chancellor's Office		6328 Memorial Road	D-4
	Chemical Engineering Department		2216 Main Mall	G-5
	Chemistry Department		2036 Main Mall	E-5
	Child Care Centre (Daycare)		2227 Acadia Road	K-10
	Child Study Centre (Faculty of Education)		2555 Acadia Road	K-10
	Civil and Mechanical Engineering Laboratory		2246 Main Mall	G-5
	Civil Engineering Department		2324 Main Mall	G-5
	Classics Department		1866 Main Mall	C-5
	Coal and Mineral Processing Centre		2332 West Mall	H-4
	Commerce and Business Administration, Faculty of		2053 Main Mall	E-4
	Community and Regional Planning, School of		6333 Memorial Road	C-4
	Community Health Centre		5804 Fairview Crescent	J-8
	Computer Science Department		6356 Agricultural Road	E-4
	Composting Centre		6356 Agricultural Road	E-4
	CONFERENCE CENTRE: Business Office		2071 West Mall	E-3
	Residence		5959 Student Union Building Boulevard	D-7
	Continuing Education, Centre for		5997 Iona Drive	B-8
	Continuing Education in Health Sciences		2194 Health Sciences Mall	G-7
	Co-operative Education/Internships		1874 East Mall	D-6
	Copy and Duplicating Centre		6328 Memorial Road (Basement)	D-4
	Crane Memorial Library		1874 East Mall	C-6
	Creative Writing Department		1866 Main Mall	C-5
	Cunningham Building (Pharmacy)		2146 East Mall	F-6
	Curtis Building (Law)		1822 East Mall	C-6
D	Dairy Cattle Teaching and Research Unit		3473 Westbrook Mall	P-7
	Data Processing Centre		2075 Westbrook Mall	F-7
	Daycare		2727 Acadia Road	K-10
	Day House		2250 Westbrook Mall	H-8
	Dentistry: Clinic and Faculty		2194 Health Sciences Mall	G-7
	Dean's Office		2194 Health Sciences Mall	G-7
	Dorothy Somerset Studio		6354 Crescent Road	C-4

E	East Mall Annex		1824 East Mall	C-6
	Economics Department		1873 East Mall	C-5
	Education, Faculty of		2125 Main Mall	F-4
	Electrical Engineering Department		2356 Main Mall	H-5
	Employee Relations (Personnel)		6253 Northwest Marine Drive	B-5
	Engineering (Faculty of Applied Science)		2324 Main Mall	G-5
	English Department		1873 East Mall	C-5
	Executive Conference Centre (Commerce)		2053 Main Mall	E-4
	Extra-Sessional Studies		6323 Cecil Green Park Road	A-4
F	Facilities Planning Department		6365 Biological Sciences Road	F-4
	Faculty Association		1924 West Mall	D-4
	Faculty Club and Social Centre		6331 Crescent Road	C-4
	Family Practice Department and Teaching Unit		5804 Fairview Crescent	J-8
	Finance Department		2075 Westbrook Mall	F-7
	Financial Aid (Students)		2075 Westbrook Mall	F-7
	Fine Arts Department		6333 Memorial Road	C-4
	Fine Arts Gallery		1956 Main Mall	D-5
	Fire Department (UEL)		2992 Westbrook Mall	L-8
	Fish and Wildlife (Provincial)		2374 Main Mall	H-5
	Fisheries & Oceans (Federal), Department of		6640 Northwest Marine Drive	G-2
	Food Sciences Department		2357 Main Mall	H-4
	Food Services Department		2071 West Mall	E-3
	Forestry, Faculty of		2357 Main Mall	H-4
	Forestry		6620 Northwest Marine Drive	F-2
	Forward Building (Metallurgy)		6350 Stores Road	G-4
	FRATERNITIES: Alpha Delta Phi		2270 Westbrook Crescent	H-8
	Beta Theta Pi		2140 Westbrook Crescent	H-8
	Delta Kappa Epsilon		5765 Agronomy Road	H-8
	Kappa Sigma		2280 Westbrook Crescent	H-8
	Phi Gamma Delta		2280 Westbrook Crescent	H-8
	Psi Upsilon		2280 Westbrook Crescent	H-8
	Sigma Chi		5725 Agronomy Road	H-9
	Frederic Wood Theatre and Box Office		6354 Crescent Road	C-4
	French Department		1873 East Mall	C-5
G	Geography Department		1984 West Mall	D-4
	Geological Sciences Department		6339 Stores Road	G-4
	Geophysics and Astronomy Department		2219 Main Mall	G-4
	Germanic Studies		1873 East Mall	C-4
	Graduate Student Centre (Thea Koerner House)		6371 Crescent Road	C-4
	Graduate Studies, Faculty of		2075 Westbrook Mall	F-7
	Greenhouse (Plant Science)		2334 West Mall	G-4
	GYMNASIUMS: Robert F. Osborne Centre		6108 Thunderbird Boulevard	K-6
	War Memorial Gym		6081 University Boulevard	E-7
H	Health Care and Epidemiology Department		5804 Fairview Crescent	J-8
	Health Sciences, Co-ordinator's Office		2194 Health Sciences Mall	G-7
	Health Services		2211 Westbrook Mall	G-7
	Hebb Building (Physics)		2045 East Mall	E-5
	Hennings Building (Physics)		6224 Agricultural Road	E-5
	Hirel House		1882 East Mall	D-6
	Hispanic and Italian Studies Department		1866 Main Mall	C-5
	History Department		1873 East Mall	C-5
	Home Economics, School of		2205 East Mall	F-5
	Hortline		6501 Northwest Marine Drive	B-3
	Hospital Administrator		2194 Health Sciences Mall	G-7
	HOSPITAL: Acute Care		2211 Westbrook Mall	G-7
	Extended Care		2221 Westbrook Mall	H-6
	Psychiatric		2255 Westbrook Mall	H-7
	Student Health Service		2211 Westbrook Mall	G-7
	Housing Administration, Centre for		2071 West Mall	E-3
	Human Settlements, Centre for		2206 East Mall	G-6
I	Information Services		6328 Memorial Road	D-4
	Institutional Analysis and Planning		2194 Health Sciences Mall	G-7
	Instructional Resources Centre (IRC)		2194 Health Sciences Mall	G-7
	International Development Research Centre		5990 Iona Drive	B-7
	International House		1783 West Mall	C-3
	International North Pacific Fisheries Commission		6640 Northwest Marine Drive	G-2
	International Relations, Institute of		1866 Main Mall	C-2
J	Japanese Garden and Teahouse		1903 West Mall	C-3
	John Owen Pavilion (Sports Medicine)		3055 Westbrook Mall	H-6
K	Kinsmen Laboratory (Neurological Research)		2255 Westbrook Mall	H-7
	Knowledge Network Office		2206 East Mall	G-6
	Studio		2194 Health Sciences Mall	G-7
L	Ladner Clock Tower		1956 Main Mall	D-5
	Language Institute		2042 West Mall	E-4
	Office		5997 Iona Drive	B-8
	Language Laboratory		1866 Main Mall	C-5
	Laserette Building (Architecture/Fine Arts/Planning)		6333 Memorial Road	C-4
	Law, Faculty of		1822 East Mall	D-6
	Librarianship, School of		1956 Main Mall	D-5
	LIBRARIES: Animal Resources Ecology Library		2204 Main Mall	C-4
	Asian Studies Library		1871 West Mall	C-3
	Crane Memorial Library		1874 East Mall	C-6
	Curriculum Laboratory		2125 Main Mall	F-4
	Data Library		6356 Agricultural Road	E-4
	Law Library		1822 East Mall	D-6
	MacMillan Library (Forestry/Agriculture)		2357 Main Mall	H-4
	Main Library		1956 Main Mall	D-5
	Mathematics Library		1984 Mathematics Road	D-4
	Music Library		6361 Memorial Road	C-4
	Processing Centre		2206 East Mall	D-6
	Sedgewick Library		1956 Main Mall	D-5
	Social Work Library		6201 Cecil Green Park Road	A-5
	Woodward Biomedical Library		2194 Health Sciences Mall	G-7
	Linguistics Department		1866 Main Mall	C-2
	Lost and Found		1874 East Mall	C-6
	Lutheran Campus Centre		5889 University Boulevard	F-8
M	Macdonald Building (Dentistry)		2199 Westbrook Mall	G-7
	Machines Playing Field		2356 Main Mall	H-5
	MacLeod Building (Electrical Engineering)		2357 Main Mall	H-5
	MacMillan Building (Forestry/Agriculture)		2357 Main Mall	H-5
	Main Library		1956 Main Mall	D-5
	Mathematics Department		1984 Mathematics Road	D-4
	Math Building		5804 Fairview Crescent	J-8
	Mechanical Engineering Department		2324 Main Mall	G-5
	Medical Genetics Department		6174 University Boulevard	F-6
	Medical Microbiology		6174 University Boulevard	F-6
	Medical Science Buildings: Block A		2146 Health Sciences Mall	F-6
	Block B		2177 Westbrook Mall	F-6
	Block C		2178 Health Sciences Mall	F-6
	Block D		2194 Health Sciences Mall	G-7
	Block E		6350 Stores Road	G-4
	Block F		6174 University Boulevard	F-6
	Block G		6350 Stores Road	G-4
	Medicine, Faculty of		2194 Health Sciences Mall	G-7
	Microbiology Department		6174 University Boulevard	F-6
	Mining and Mineral Process Engineering		6174 University Boulevard	F-6
	Molecular Genetics, Centre for		6174 University Boulevard	F-6
	MUSEUMS: Museum of Anthropology		6393 Northwest Marine Drive	B-4
	M.Y. Williams Geological Museum		6339 Stores Road	G-4
	Music Department		6361 Memorial Road	C-4

CAMPUS MAP

On these two pages you'll find a new and updated campus map, together with an alphabetized index that will direct you to all major buildings and all UBC faculties, departments, schools and institutes. Save it for future reference.

Here are some special campus features to note. The numbers to call are: RCMP — 224-1322; fire, inhalator and major accidents — 228-4567; UBC Traffic and Security — 228-4721. RCMP and fire departments are on Westbrook Mall (M-8); first aid and emergency health services are available in the Health Sciences Centre Hospital acute care unit (G-7), which also houses the Student Health Service. FOOD SERVICES. Major campus food outlets are located in the Student Union Building (E-6), The Barn (G-4), the Scarfe (Education) Building (F-4), the Bus Stop Coffee Shop (E-4), the Old Auditorium (D-4), the Faculty Club (members and guests only) (C-4) and the Graduate Student Centre (members and guests only) (C-4).

CARTOGRAPHY BY HARLEY JANSEN, UBC DEPARTMENT OF FACILITIES PLANNING

TRAFFIC AND SECURITY: 228-4721. RCMP: 224-1322. FIRE: 228-4567. UBC TRAFFIC AND SECURITY: 228-4721. RCMP AND FIRE DEPARTMENTS ARE ON WESTBROOK MALL (M-8); FIRST AID AND EMERGENCY HEALTH SERVICES ARE AVAILABLE IN THE HEALTH SCIENCES CENTRE HOSPITAL ACUTE CARE UNIT (G-7), WHICH ALSO HOUSES THE STUDENT HEALTH SERVICE.

FOOD SERVICES. Major campus food outlets are located in the Student Union Building (E-6), The Barn (G-4), the Scarfe (Education) Building (F-4), the Bus Stop Coffee Shop (E-4), the Old Auditorium (D-4), the Faculty Club (members and guests only) (C-4) and the Graduate Student Centre (members and guests only) (C-4).

PREVENTIVE AND COMMUNITY DENTISTRY: 2194 Health Sciences Mall. PSYCHIATRY DEPARTMENT: 2255 Westbrook Mall. PSYCHOLOGY DEPARTMENT: 2136 West Mall. PUBLIC SAFETY BUILDING: 2990 Westbrook Mall. PUP AND PAPER RESEARCH INSTITUTE OF CANADA: 2216 Main Mall. PURCHASING DEPARTMENT: 6253 Northwest Marine Drive.

READING, WRITING AND STUDY SKILLS CENTRE: 5997 Iona Drive. REGENT COLLEGE: 2130 Westbrook Crescent. REGISTRAR'S OFFICE: 2075 Westbrook Mall. REHABILITATION MEDICINE: DIRECTOR'S OFFICE: 2194 Health Sciences Mall. SCHOOL OF: 2211 Westbrook Mall. RELIGIOUS STUDIES DEPARTMENT: 6344 Memorial Road. RESEARCH ADMINISTRATION OFFICE OF RESOURCES MANAGEMENT SCIENCES: 2357 Main Mall. RESIDENCES: Acadia Park: 2725 Meila Road. PLACE VANIER: 1935 Lower Mall. TOTEM PARK: 2525 West Mall. RESTORATIVE DENTISTRY DEPARTMENT: 5959 Student Union Building Boulevard. ROSE GARDEN: 6200 Crescent Road.

NEUROLOGICAL SCIENCES: 2255 Westbrook Mall. NITIBE MEMORIAL GARDEN: 1903 West Mall. NORMAN MACKENZIE HOUSE: 6365 Northwest Marine Drive. NURSING, DIRECTOR'S OFFICE: 2194 Health Sciences Mall. NURSING, SCHOOL OF: 2211 Westbrook Mall.

OCEANOGRAPHY DEPARTMENT: 6270 University Boulevard. ORAL BIOLOGY DEPARTMENT: 2199 Westbrook Mall. ORAL AND MAXILLOFACIAL SURGERY: 2199 Westbrook Mall. ORAL MEDICINE DEPARTMENT: 2199 Westbrook Mall. ORTHODONTICS DEPARTMENT: 2199 Westbrook Mall. OSBORNE GYMNASIUM: 6108 Thunderbird Boulevard.

PAINTER'S HOUSE (SORORITIES): 6478 Northwest Marine Drive. PATHOLOGY DEPARTMENT: 2211 Westbrook Mall. PERSONNEL AND LABOUR RELATIONS: 6253 Northwest Marine Drive. PHARMACEUTICAL SCIENCES: DEAN'S OFFICE: 2194 Health Sciences Mall. FACULTY OF: 2146 East Mall. PHILOSOPHY DEPARTMENT: 1866 Main Mall. PHYSICAL EDUCATION AND RECREATION: 6081 University Boulevard. PHYSICAL PLANT: MAIN OFFICE: 2210 West Mall. STORES, DISPATCH AND RECEIVING: 6361 Stores Road. PHYSICS DEPARTMENT: 2324 Main Mall. PHYSIOLOGY DEPARTMENT: 2146 Health Sciences Mall. PLACE VANIER RESIDENCE: 1935 Lower Mall. PLANT SCIENCE DEPARTMENT: 2990 Westbrook Mall. POLICE (RCMP): 1866 Main Mall. POLITICAL SCIENCE DEPARTMENT: 1866 Main Mall. PONDEROSA CAFETERIA: 2071 West Mall. PONDEROSA OFFICE ANNEX: BLOCK A: 2011 West Mall. BLOCK B: 2026 West Mall. BLOCK C: 2021 West Mall. BLOCK D: 2014 Lower Mall. BLOCK E: 2034 Lower Mall. BLOCK F: 2008 Lower Mall. BLOCK G: 2055 Westbrook Mall. POST OFFICE: 2357 Main Mall. POULTRY SCIENCE DEPARTMENT: 2765 Osoyoos Crescent. PRE-SCHOOL FOR SPECIAL CHILDREN: 6328 Memorial Road.

PREVENTIVE AND COMMUNITY DENTISTRY: 2194 Health Sciences Mall. PSYCHIATRY DEPARTMENT: 2255 Westbrook Mall. PSYCHOLOGY DEPARTMENT: 2136 West Mall. PUBLIC SAFETY BUILDING: 2990 Westbrook Mall. PUP AND PAPER RESEARCH INSTITUTE OF CANADA: 2216 Main Mall. PURCHASING DEPARTMENT: 6253 Northwest Marine Drive.

READING, WRITING AND STUDY SKILLS CENTRE: 5997 Iona Drive. REGENT COLLEGE: 2130 Westbrook Crescent. REGISTRAR'S OFFICE: 2075 Westbrook Mall. REHABILITATION MEDICINE: DIRECTOR'S OFFICE: 2194 Health Sciences Mall. SCHOOL OF: 2211 Westbrook Mall. RELIGIOUS STUDIES DEPARTMENT: 6344 Memorial Road. RESEARCH ADMINISTRATION OFFICE OF RESOURCES MANAGEMENT SCIENCES: 2357 Main Mall. RESIDENCES: Acadia Park: 2725 Meila Road. PLACE VANIER: 1935 Lower Mall. TOTEM PARK: 2525 West Mall. RESTORATIVE DENTISTRY DEPARTMENT: 5959 Student Union Building Boulevard. ROSE GARDEN: 6200 Crescent Road.

ST. ANDREW'S HALL (PRESBYTERIAN): 6040 Iona Drive. ST. MARK'S COLLEGE (ROMAN CATHOLIC): 5835 Iona Drive. SCARFE BUILDING (EDUCATION): 2125 Main Mall. SCHOLARSHIPS, BURSARIES AND LOANS: 2075 Westbrook Mall. SCIENCE, DEAN'S OFFICE: 6270 University Boulevard. SEDGWICK LIBRARY: 1956 Main Mall. SLAVONIC STUDIES DEPARTMENT: 1866 Main Mall. SOCIAL WORK, SCHOOL OF: 6201 Cecil Green Park Road. SOCIOLOGY, DEPARTMENT OF ANTHROPOLOGY AND: 2357 Main Mall. SOIL SCIENCE DEPARTMENT: 5804 Fairview Crescent. SPEECH SCIENCES, AUDIOLOGY AND: 3055 Westbrook Mall. SPORTS MEDICINE CLINIC: 1874 East Mall. STADIUM: 6286 Stadium Road. STATISTICS CENTRE: 1866 Main Mall. STATISTICS DEPARTMENT: 1984 Mathematics Road. STUDENT FINANCIAL AID: 2075 Westbrook Mall. STUDENT COUNSELLING AND RESOURCES: 2211 Westbrook Mall. STUDENT HOUSING AND CONFERENCES: 2071 West Mall. STUDENT UNION BUILDING (SUB): 6138 Student Union Building Boulevard. SWIMMING POOL: 6121 University Boulevard.

PREVENTIVE AND COMMUNITY DENTISTRY: 2194 Health Sciences Mall. PSYCHIATRY DEPARTMENT: 2255 Westbrook Mall. PSYCHOLOGY DEPARTMENT: 2136 West Mall. PUBLIC SAFETY BUILDING: 2990 Westbrook

GRANT DEADLINES

Faculty members wishing more information about the following research grants should consult the Research Services Grant Deadlines circular which is available in departmental and faculty offices. If further information is required, call 228-3652 (external grants) or 228-5583 (internal grants).

October (application deadlines in brackets)

- Agriculture Canada
 - Extramural Research Grant (15)
- Alberta Forest Service
 - Forest Development Research Fund Grant (15)
- Alberta Heritage Fdn. for Medical Research
 - Medical Research Fellowships (1)
- American Lung Association
 - Training Fellowships (1)
 - Trudeau Scholar Awards (1)
- Arthritis Society
 - Associateships & Assistantships (15)
 - Fellowships (15)
 - Research (15)
- Association for Canadian Studies
 - Intercultural/Interregional Enrichment (15)
- AUCC: International Relations
 - Canadian Studies Visiting Prof in Japan (1)
 - International Scholarships Post Doctoral (31)
- B.C. Health Care Research Fdn.
 - Development & Training Fellowship (1)
 - Research (1)
 - Research Scholar Award (1)
- B.C. Heart Foundation
 - Clinical Fellowship in Cardiovascular Disease (1)
- B.C. Medical Services Foundation (BCMSF)
 - Research (3)
- Canada Council: Killam Program
 - I.W. Killam Memorial Prize (15)
 - Killam Research Fellowship (15)
- Canada Council: Writing/Public.
 - Translation Grant (15)
- Canada Mortgage & Housing Corp.
 - Research Grants Type A (to \$3500) (29)
- Canadian Commonwealth Schol/Fell. Committee
 - Research Fellowships (31)
 - Visiting Fellowships (31)
- Canadian Cystic Fibrosis Fdn.
 - Fellowships for Training and Research (1)
 - Research (1)
 - Scholarship (1)
- Educational Research Inst. of BC (ERIBC)
 - ERIBC Research Grant (1)

UBC grad gets medal

Vancouver native Betty Keller has been named the winner of the University of British Columbia's Canadian Biography Award for 1982. The award, given annually since 1952, is for Ms. Keller's book *Pauline: A Biography of Pauline Johnson*, published by Douglas and McIntyre Ltd.

The UBC award, a silver medal designed by noted Indian artist Bill Reid, is given for the best book by or about a Canadian published in the previous year.

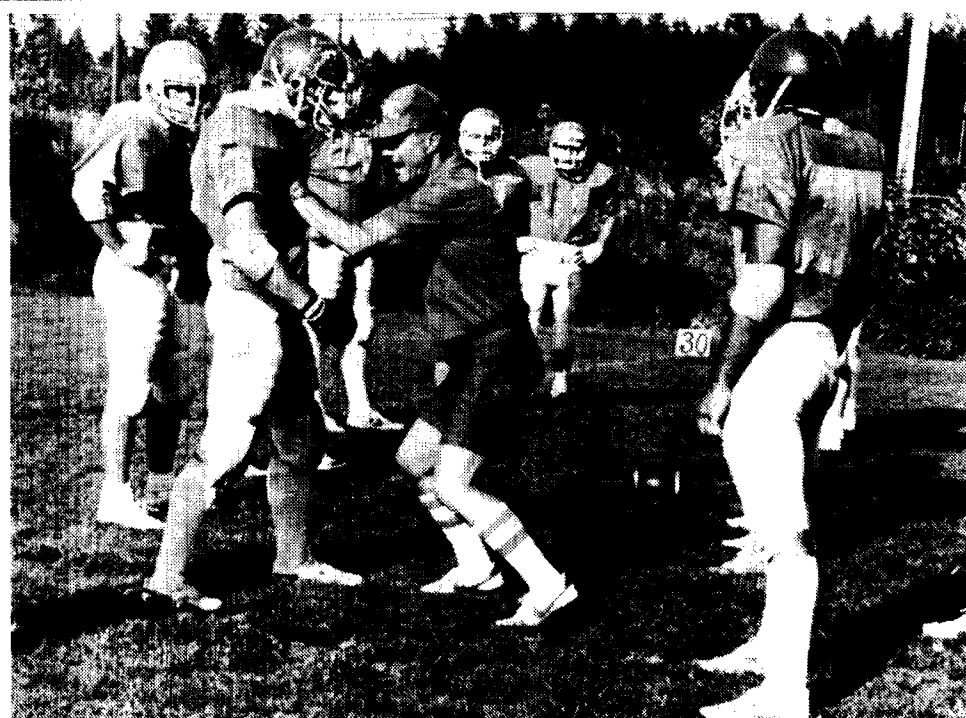
Canadian Literature, a UBC-based literary magazine, said in announcing the award that Ms. Keller had succeeded in looking behind the persona that Pauline Johnson showed her public, to reveal her "deliberateness and motivations, her personality as it really was."

"The handicap Keller faced was the fact that Pauline Johnson's sister carefully destroyed her papers, with what intent it is not sure . . . Keller's accomplishment, in the face of such an obstacle, is to have amassed an extraordinary amount of data from other sources, and to have presented it in a most attractive, readable form."

Ms. Keller was educated at UBC and has taught drama and drama writing at both the high school and university level in B.C.

- Fitness and Amateur Sport
 - Fitness Canada Grants (14)
- General Motors Cancer Res. Fdn.
 - Research Prize (2)
- Guggenheim Memorial Foundation
 - Guggenheim Fellowships (1)
- Hannah Institute
 - Publications Assistance (1)
- IMASCO-CDC Research Foundation
 - Research (1)
- Industry Trade and Commerce
 - Technological Innovation Studies (31)
- International Union Against Cancer
 - Eleanor Roosevelt Cancer Fellowships (1)
 - International Fellowships (1)
- International Development Research Centre
 - Education Research Awards Program (30)
- Japan World Exposn. Commemor. Fund
 - International Projects (31)
- Juvenile Diabetes Fdn. (US)
 - Career Development Award (1)
 - Postdoctoral Fellowships (1)
- Kidney Foundation of Canada
 - Research (15)
- March of Dimes Birth Defects Fdn. (US)
 - Research (1)
- MRC: Grants Program
 - Program Grants (1)
 - Travel (1)
- MRC: Special Programs
 - INSRM/MRC Exchange (1)
 - Research for Dyskinesia & Torticollis (1)
 - Symposia & Workshops (1)
- Multiple Sclerosis Soc. Canada
 - Career Development Grants (1)
 - Postdoctoral Fellowships (1)
 - Research (1)
 - Research Studentships (1)
- National Defence Canada
 - Military and Strategic Studies Program (10)
- National Inst. of Education (US)
 - NIE Research Grants (6)
- National Kidney Foundation (US)
 - Research Fellowships (1)
- National Research Council of Canada
 - The Steacie Prize (4)
- NSERC: Fellowships Division
 - University Research Fellowship (1)
- NSERC: Intl. Relations Division
 - Exchange: Brazil, Czech, Japan, Bulgaria, Germany, U.K., Suisse (15)
 - International Collaborative Research (15)
 - International Scientific Exchange Awards (15)
- NSERC: Major Installation
 - Major Installation (1)
- Osgoode Society
 - Fellowship in Canadian Legal History (1)
- Peterhouse Cambridge
 - Research Fellowships (25)
- Secretary of State
 - Canadian Ethnic Studies Program: Professorships (31)
 - Canadian Ethnic Studies: Research (31)
- SSHRC: Fellowships Division
 - Jules & Gabrielle Leger Fellowship (1)
 - Leave Fellowship (1)
 - Postdoctoral Fellowship (1)
- SSHRC: Intl. Relations Division
 - Aid to International Secretaries (1)
 - Bilateral Exchange: China (1)
 - Bilateral Schol. Exchange: Japan & Hungary (1)
 - Bilateral Scholarly Exchange: France (1)
 - Grants to Canadian Scholars to Lecture Abroad (1)
 - International Collaborative Research (1)
 - Visiting Foreign Scholars (1)
- SSHRC: Research Commun. Div.
 - Aid to Occasional Conferences (30)
- SSHRC: Research Grants Division
 - Research (15)
- St. John's College
 - Commonwealth Fellowship (1)
- University of British Columbia
 - UBC-SSHRC Travel Grant (10)
- University of Tasmania
 - University Research Award (31)
- Woodward's Fdn. (Mr. & Mrs. P.A.)
 - Foundation Grants (1)
- World Wildlife Fund (Canada)
 - Arctic Grants (31)
 - General Research (1)

Note: All external agency grant requests must be signed by the Head, Dean, and Dr. R.D. Spratley. Applicant is responsible for sending application to agency.



UBC Thunderbird football hopefuls get the word straight from the coach's mouth. Frank Smith is shown readying his charges for their home opener against the University of Calgary on Sept. 16.

Loss of key football players means 'interesting' season

"It could be an interesting football season."

That's the comment many observers are making when discussing the prospects of the Canadian university football champion UBC Thunderbirds in the 1983 season.

And rightly so. This season the 'Birds will be defending their Vanier Cup championship, but they'll be without several key veterans who helped make last season successful.

Last February saw 10 T-Birds drafted by the Canadian Football League. Key losses include all-Canadian offensive linemen Pieter VandenBos and Jerry Dobrovolsky (now with Edmonton and Calgary, respectively), linebacker Mike Emery (Saskatchewan), defensive back Dave Singh (Saskatchewan) and end Jason Riley (Winnipeg). Bernie Glier (B.C.), linebacker Steve Harrison (Ottawa), running back Pat Cantner (Winnipeg) and George Piva (Hamilton) round out the list of 1982 T-Birds currently in the C.F.L. Veteran cornerback Mark Beecroft has also graduated and will be missed in the secondary.

Coach Frank Smith had this to say on the departure of so many starters from UBC. "The players we've lost were all great athletes who we'll really miss. I enjoyed coaching all of them as they were exceptional individuals. It'll be extremely hard for any future Thunderbird football team to surpass the achievements of that 1982 team."

The 1983 edition of Smith's 'Birds features six returning starters on both offense and defence but the newcomers coming in this season will add depth to the lineup. On offense, all-Canadian junior tailback Glenn Steele (232 carries, 1,603 yards, 16 touchdowns) returns for another season as does senior fullback Peter LeClaire, third-year starting quarterback Jay Gard and tight end Rob Ros.

The offensive line, however, has to be suspect as only returnees Peter Jeffrey and Don Adamic are back from the best front line in Canada. All other positions are wide open as newcomers battle for spots.

Last year's stingy defence has also been decimated by the draft and graduations. Another big question mark for the team will be the defensive secondary, where three key starters are gone from 1982's unyielding backfield.

In sum, the Thunderbirds appear to have a lot of depth this season, much more than last year. The team is replete with talented ball players, but their lack of experience in working within a new system and with new teammates means that there will be plenty of exciting games in the Western Intercollegiate Football League.

Their 1983 schedule of 10 games began on Labor Day Weekend in Helena, Montana where they defeated Carroll College Fighting Saints 34-21 in a non-conference game. On Sept. 10 they open the WIFL slate of eight games with a road match against the University of Manitoba Bisons. First home game for the team will be Friday, Sept. 16 at 7:30 p.m. when they host the University of Calgary Dinosaurs in Thunderbird Stadium.

A new bowl game has been added to the list of trophies that will be competed for annually by UBC and Simon Fraser University.

UBC's Thunderbird soccer team will meet their SFU counterparts on Sunday (Sept. 11) at 7:30 p.m. in Thunderbird Stadium to compete for the Diachem Bowl donated by Konrad Tittler, Sr., president of Diachem Industries and the father of a Thunderbird soccer alumnus.

Organizers of the match hope that the annual event will attract as much interest as the annual Shrum Bowl football competition between UBC and SFU.

The game is the first of two matches this month. Following the Diachem Bowl, the Clansmen will meet the 'Birds in a Wednesday, Sept. 14, return match called the Challenge Cup, to be held in Swagard Stadium at 7 p.m.

UBC coach Joe Johnson has been tutoring his squad at Thunderbird Park in preparation for the season opening match. "We've been practising for more than two weeks now and I've got the team down to a reasonable number. Players who haven't heard about the tryouts can call me at 228-2531 if they're interested in a place on UBC's Canada West squad."

All UBC students with valid AMS Cards will be admitted free to the Sept. 11 game. For more information, call the Athletic Office at 228-3917.

Andre Bleim, and Rob Moretto, a pair of first-year football players from Notre Dame high school, have been named as the 1983 winners of Frank Gnuip scholarships.

In making the announcement, Gnuip scholarship committee chairman Tom Thomas described the winners as "the two outstanding candidates in the applications" and termed Bleim's straight-A average in high school "an outstanding level of athletic scholarship."

Bleim is a 5'8" 180-pound running back who last year led Notre Dame Jugglers to the B.C. high school football championship. A great talent, he was selected the outstanding offensive player at the 1983 B.C. Lions' high school development camp.

UBC CALENDAR

Calendar Deadlines

For events in the weeks of Sept. 25 and Oct. 2, material must be submitted not later than 4 p.m. on Thursday, Sept. 15. Send notices to Information Services, 6328 Memorial Road (Old Administration Building). For further information, call 228-3131.

Calendar Forms

New calendar forms have been printed and are available by calling 228-3131 or dropping by Information Services, Room 207, Old Administration Building.

The Vancouver Institute.



Saturday, Sept. 17

The Forgotten Party:
The Victim of Crime.
The Honorable Mr.
Justice Brian Dickson,
Supreme Court of
Canada, Ottawa.

Saturday, Sept. 24

China's Race Against
Time: Modernization
and Education.
President William
Saywell, Simon Fraser
University.

Both lectures take place in Lecture Hall 2 of the Woodward Instructional Resources Centre at 8:15 p.m.

FRIDAY, SEPT. 9

Medical Genetics Seminar.

Drug Exposure As Possible Teratogens, K. Chan; Incidence of Hypospadias in B.C., T. Leung; Investigation of Lipoprotein Metabolism in Down Syndrome, H. Lui; and Incidence of Twins in Huntington's Chorea, J. Soles. Parentcraft Room, Grace Hospital. 1 p.m.

SATURDAY, SEPT. 10

Maranatha Christian Club.

The Maranatha Christian Club, in co-operation with other Christian groups on campus, is sponsoring a welcome reception for first-year students and international students. UBC President George Pedersen, AMS President Mitch Hetman, Chancellor J.V. Clyne and faculty deans will be introduced. Graduate Student Centre. 1:30 to 4:30 p.m.

SUNDAY, SEPT. 11

Sanka Fun Run.

Sanka is sponsoring an 8km run to support Canadian Olympic teams. The race starts at 10 a.m. at UBC's Thunderbird Stadium. Pre-registration is from 8:30 to 9:45 a.m. on race day in the concourse of the stadium. For more information, contact Ken Black at 228-2503.

Soccer.

UBC meets SFU to compete for the Diachem Bowl, donated by Konrad Tittler Sr., president of Diachem Industries. Thunderbird Stadium. 7:30 p.m.

MONDAY, SEPT. 12

Biochemical Discussion Group Seminar.

E. coli RNA Polymerase: Mechanism of Promoter Selection. Dr. Carol Cech, Chemistry, University of Colorado. Room 4210, Block A, Medical Sciences Building. 12:30 p.m.

The Pedersen Exchange.

An opportunity for any member of the on-campus University community to meet with UBC's president, Dr. George Pedersen, to discuss matters of concern. Persons wishing to meet with the president should identify themselves to the receptionist in the Librarian's office, which is immediately to the left of the main entrance to the Main Library building. The president will be available every Monday when he is on campus from 3:30 to 5 p.m.

Biochemical Discussion Group Seminar.

Self Splicing RNA: An RNA Mediated Enzyme Like Activity. Dr. Tom Cech, Chemistry, University of Colorado. Lecture Hall 4, Woodward Instructional Resources Centre. 4 p.m.

WEDNESDAY, SEPT. 14

Volunteer Fair.

Volunteer opportunities can be explored with representatives from more than 30 community agencies and institutions. Sponsored by Volunteer Connections at the Student Counselling and Resources Centre and the Vancouver Volunteer Centre. Continues on Thursday, Sept. 15. Lobby, Student Union Building. 11:30 a.m. to 2:30 p.m. both days.

Noon-Hour Concert.

Valerie Tyron, piano. Recital Hall, Music Building. 12:30 p.m.

Faculty Club.

Pre-Senate dinner buffet. Cost is \$9, reservations required. Main Dining Room. 5:30 to 7:30 p.m.

Soccer.

UBC meets SFU to compete for the Challenge Cup. Swangard Stadium. 7 p.m.

Folk Dance Club.

Folk dances and steps from many countries taught at beginning and intermediate level. Open to students, faculty, staff and community. Yearly fee is \$10 (students \$5). No partner necessary. For further information, call Marcia Snider at 738-1246. Upper Lounge, International House. 7:30 p.m.

THURSDAY, SEPT. 15

Psychiatry Lecture.

Factors That Determine Medical Students' Interest in Psychiatry: A Three Year University Multinational Study. Prof. P. Ney, Christchurch Clinical School, New Zealand. Room 2NA/B, Psychiatric Unit, Health Sciences Centre Hospital. 9 a.m.

Lost and Found Sale.

There will be a sale of miscellaneous items that have been unclaimed from the UBC Lost and Found. All proceeds to University bursaries. Room 208, Brock Hall. 11 a.m. to 1 p.m.

English Lecture.

Dylan Thomas: A Reappraisal. Professor emeritus R. George Thomas, Medieval English, University College, Cardiff. Sponsored by the Committee on Lectures. Room A202, Buchanan Building. 12:30 p.m.

Faculty Association Meeting.

A special meeting will be held to welcome President Pedersen. Lecture Hall 2, Woodward Instructional Resources Centre. 1 p.m.

Computer Science Colloquium.

Is Vision Possible? Dr. Alan K. Mackworth, Computer Science, UBC. Room 301, Computer Sciences Building. 4 p.m.

FRIDAY, SEPT. 16

Medical Genetics Seminar.

Neurogenetics. Dr. T. Bird, University of Washington, Seattle. Parentcraft Room, Grace Hospital. 1 p.m.

Football.

UBC vs. the University of Calgary. Thunderbird Stadium. 7:30 p.m.

MONDAY, SEPT. 19

Biology Lecture.

Structure Variation and Inheritance of Maize Ribosomal Genes. Elizabeth Ann Zimmer. Room 3219, Biological Sciences Building. 12:30 p.m.

Plant Science Seminar.

Alcohol and Alcohol Dehydrogenase in Plants. Dr. K.J.R. Edwards, head, Genetics, University of Cambridge. Room 160, MacMillan Building. 3:30 p.m.

Applied Mathematics Seminar.

Plate Theories and Saint Venant's Principle. Prof. F.Y.M. Wan, director, Institute of Applied Mathematics and Statistics, UBC. Room 229, Mathematics Building. 3:30 p.m.

The Pedersen Exchange.

The exchange is cancelled this week because of President Pedersen's absence from Vancouver. It provides an opportunity for any member of UBC's on-campus community to meet the president personally to discuss matters of concern. Normally it is held every Monday that the president is on campus from 3:30 to 5 p.m. in the Main Library.

Biochemical Discussion Group Seminar.

Bacterial Gene Regulation. Dr. Lasse Lindahl, Biology, University of Rochester. Lecture Hall 4, Woodward Instructional Resources Centre. 4 p.m.

TUESDAY, SEPT. 20

Oceanography Seminar.

Atmospheric Tides as Indicators of Environmental Change. Dr. Kevin Hamilton, NSERC University Research Fellow, Oceanography, UBC. Room 1465, Biological Sciences Building. 3 p.m.

Chemistry Lecture.

The Third Age of Quantum Chemistry. Prof. Henry F. Schaefer III, Chemistry, University of California, Berkeley. Room 250, Chemistry Building. 4 p.m.

WEDNESDAY, SEPT. 21

Anatomy Seminar.

Hormone-Drug Interactions in Breast Cancer Therapy. Dr. J.T. Emerman, Anatomy, UBC. Room 37, Anatomy Building. 12:30 p.m.

Leon and Thea Koerner Lecture.

The Great God Pan. Prof. John Boardman, Lincoln Professor of Classical Archaeology, University of Oxford. Room 102, Lasserre Building. 12:30 p.m.

Noon-Hour Concert.

Philip Tillotson, harpsichord; Elissa Poole, baroque flute. Recital Hall, Music Building. 12:30 p.m.

Leon and Thea Koerner Lecture.

Greek Myth in Art. Prof. John Boardman, Lincoln Professor of Classical Archaeology, University of Oxford. Room 107, Lasserre Building. 3:30 p.m.

Frederic Wood Theatre.

Opening night of Samuel Beckett's *Waiting for Godot*. Continues until Monday, Oct. 3 (except Sundays), with the final night marking the opening of a UBC Festival of the Arts during National Universities Week Oct. 2 to 8. Tickets are \$6.50; \$4.50 for students and seniors. For ticket reservations, call 228-2678. Frederic Wood Theatre. 8 p.m.

THURSDAY, SEPT. 22

Psychiatry Lecture.

Opiate-Endocrine Regulation in Depression. Dr. A.P. Zis, Psychiatry, University of Michigan. Room 2NA/B, Psychiatric Unit, Health Sciences Centre Hospital. 9 a.m.

Biology Lecture.

Expression of *Agrobacterium tumefaciens* T-DNA in Crown Gall Tumors. Dr. Joan C. McPherson. Room 3219, Biological Sciences Building. 12:30 p.m.

Faculty Recital.

Music of Russell, Chatman and Reimer. Michael Borschel, clarinet; John Rudolph, percussion, and Kathleen Rudolph, flute. Recital Hall, Music Building. 12:30 p.m.

Librarianship Lecture.

Come Home, Storyteller: The Library and the Oral Tradition. Alice Kane, children's librarian and founder, Storyteller's School of Toronto. Room 835, Main Library. 4:30 p.m.

FRIDAY, SEPT. 23

Medical Genetics Seminar.

Clinical and Genetic Aspects of Movement Disorders. Drs. D. Calne and M.H. Hayden. Parentcraft Room, Grace Hospital. 1 p.m.

Information Systems Lecture.

The Role of Information in General Systems: Some Informed Opinions on Information Theory. Dr. L.M. Ward, Psychology, UBC. Salon A, Faculty Club. 4 p.m.

Football.

UBC vs. the University of Alberta. Thunderbird Stadium. 7:30 p.m.

SATURDAY, SEPT. 24

Women's Volleyball.

Grad Reunion. War Memorial Gymnasium. 6 p.m.

Notices . . .

Exhibit

The Woodward Biomedical Library is currently displaying reprints of Leonardo da Vinci's anatomical drawings. The exhibit is in the main foyer. For information, call 228-4447.

Japanese Tea Art Exhibit

An exhibit highlighting the traditional Japanese tea ceremony is on display at the Asian Centre until Sept. 18. The exhibit is open from 11 a.m. to 6 p.m. daily and is free of charge.

Daycare Available

Spaces are available in Unit I of UBC's daycare facility, 2727 Acadia Road, for children aged 17 months to 3 years. The daycare is open from 8 a.m. to 5 p.m. Monday through Friday and accepts children on a full- or part-time basis. For more information, call 228-3019 (days) or 261-8964 (evenings).

Library Tours

Guided tours of Main and Sedgewick Libraries will be offered weekdays Sept. 12 through 23 at 10:30 a.m. and 12:30 p.m. Tours meet in the Main Library entrance and last about 45 minutes.

Fine Arts Gallery

An exhibit of clay sculpture by Saskatchewan artist Victor Cicansky will be on display until Oct. 1 in the UBC Fine Arts Gallery. Gallery hours are 10 a.m. to 5 p.m. Tuesday through Saturday.

Language Programs

French, Spanish and Japanese daytime, evening and weekend programs begin the week of Sept. 19. For more information, call 228-5227.

Curling

Beginner and experienced curlers are invited to join a mixed curling league on Fridays at 7:15 p.m. at the Thunderbird Winter Sports Centre. For information, call John Lomax at 228-2612.

Internships Available

Study-related, non-paid work experience is available for third- and fourth-year students in the Faculty of Arts. For more information, contact the Office of Internship Programs, Room 213, Brock Hall (228-3022).

Volunteer Connections

For assistance in finding a volunteer job for career-related experience or personal satisfaction, contact Volunteer Connections in the Student Counselling and Resources Centre, Room 200, Brock Hall (228-3811).

Music Department Ensembles

Students interested in joining one of the music department's performing ensembles for credit or non-credit should contact the department by the end of the first week of classes. For details, call 228-3113.

Museum of Anthropology

Exhibits: The Copper that Came from Heaven: Dance Dramas of the Kwakwaka'wakw, continues through April, 1984. Calendar Prints: Popular Art of India, opens on Sept. 21 and continues through January, 1984. For details on museum activities, call 228-5087.

Second Class Mail
Registration Pending

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