UBC Reports

November 25, 1981 Volume 27, Number 21

Kenny applauds feds, but issues warning

The federal government should be applauded for not making any precipitous changes in its support of post-secondary education, UBC President Douglas Kenny said in commenting on the federal budget brought down Nov. 12.

Dr. Kenny warned, however, that federal proposals for the long range pose serious challenges to all Canadian universities because of the government's announced intention of directing payments toward manpower training.

He said universities must make sure that their voices are heard by politicians at both provincial and federal levels, to divert governments from their simplistic views of universities.

"Universities are responsive to societal needs," President Kenny said, "but to earmark money for short-term manpower training would be a dangerous trend."

The UBC president, in a talk with campus journalists, said Finance Minister MacEachen's budget had been interpreted incorrectly by many reporters. Dr. Kenny said the Established Programs Financing Act was being extended without change for one year, to March 31, 1983, and there would be no decrease in federal funding for the coming fiscal year.

"I am delighted by that, the federal government should be applauded for that," he said.

Asked for comment on a statement by provincial finance minister Hugh Curtis that federal transfer payments to health and education in B.C. would be reduced by more than $90 million during the next fiscal year, Dr. Kenny said, "I can't understand what Mr. Curtis is saying. He may have been misled by the wire services too."

The Association of Universities and Colleges of Canada (AUCC), the Canadian Association of University Teachers (CAUT), the Confederation of University Faculty Associations of B.C., and the Canadian Federation of Biological Societies have all issued statements expressing similar views to those held by Dr. Kenny.

Here are the key points of their statements:

AUCC: "Overall, and for the short term, we are relatively pleased with the federal budget as it applies to the immediate financial support of Canadian universities. However, for the longer term, we are disturbed by the persistent habit of the federal government for viewing higher education mainly in terms of manpower training.

"The universities are fully cognizant of their responsibilities in providing highly qualified manpower to Canadian society. But the process of so doing is far more complex than simply responding to immediately perceived shortages in given industrial areas.

"The association applauds the

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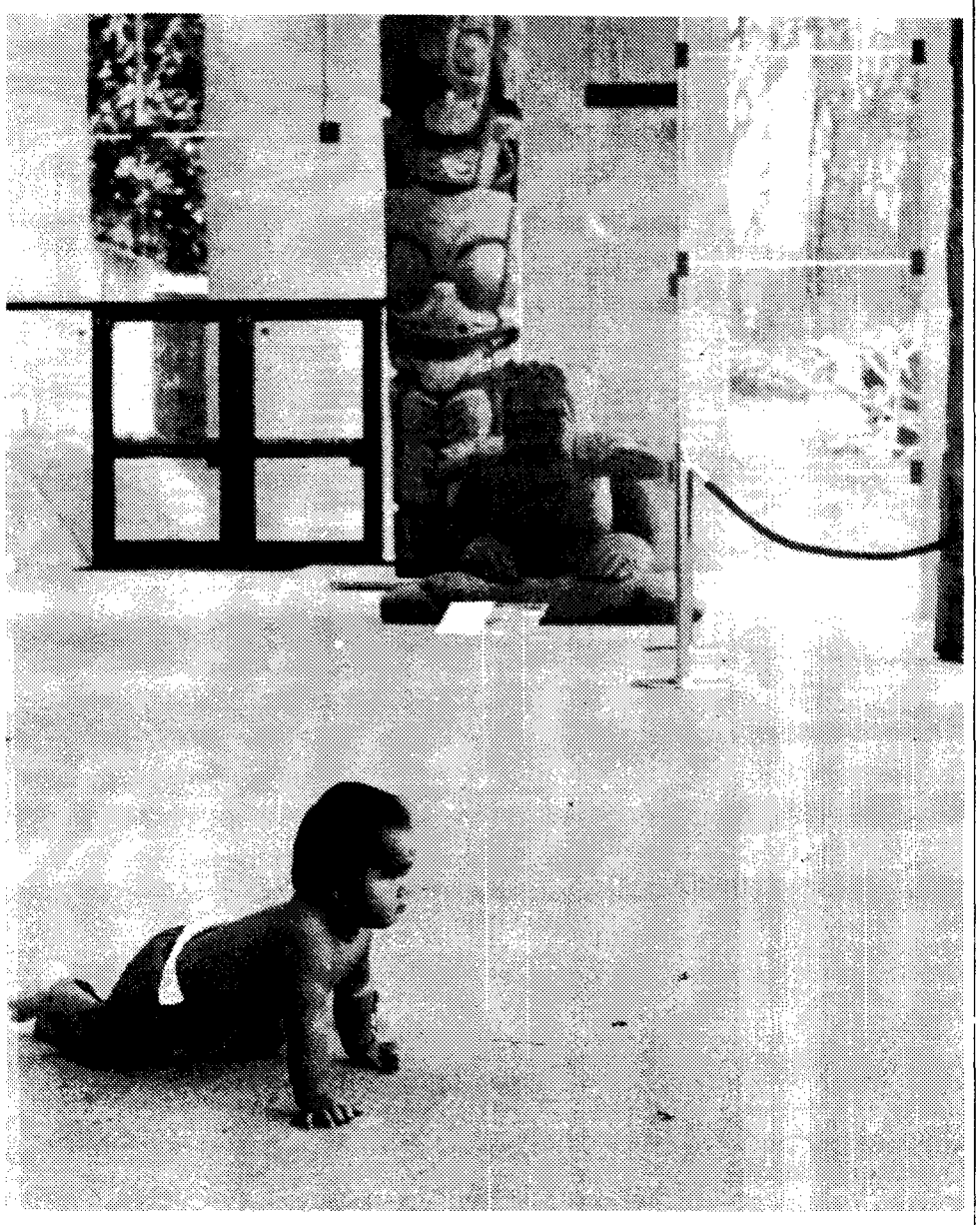

Moving forward. UBC's Museum of Anthropology became an exciting new play area for this Indian toddler last Thursday, but the 24-hour occupation of the museum was far more serious to the more than 300 older Indians who took part. They were protesting the exclusion of aboriginal rights from constitutional package. Native rights were reinstated this week, but B.C. Indians are not satisfied with the wording.

AUCE turns down interim wage hike

Monthly increases ranging from $15 to $100 have been turned down by the Association of University and College Employees (AUCE) Local 1.

A similar wage offer to the Office and Technical Employees Union, Local 15, was accepted.

Both unions had asked for wage re-openers because their two-year contracts that expire March 31, 1982, called for only a 9.5 per cent increase in the final year, considerably below the rise in the cost of living.

The University offer was for the period Oct. 1, 1981, to March 31, 1982 — gross increases of between $90 and $600 for each AUCE and OTEU member.

The largest increases were for the top pay scales. Bob Grant, director of Employee Relations, explained:

"Our surveys showed that whilst our junior staff are well compensated relative to similar positions elsewhere, many of our more senior positions have fallen behind. Faced with the inability to obtain and retain qualified candidates for many of our senior positions, we saw in the requests for wage re-openers an opportunity to rectify a long-standing problem which has faced the University in recognizing the different levels of responsibilities and accountabilities required of our senior administrative and support staff."

The University's proposal to AUCE, in addition to the wage offer (phase I), called for a review of job classifications to take place by next March 31, (phase II) with the revised standards to be used for negotiating rates of pay in the next contract (phase III).

It was the job evaluation part of the proposal that led to AUCE's 'no' vote.

AUCE said in a news release issued after the Nov. 5 rejection vote that "the University's answers to our questions as to the meaning and intent of the proposal are unsatisfactory or unclear" and "the University insists that the three phases of its proposal stand as a package, thus confusing the

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Retrenchment name omitted

WE'RE SORRY . . . .

But we inadvertently omitted the name of Prof. John Dennison of the Faculty of Education from the list of members of the President's Advisory Committee on Fiscal Retrenchment in the issue of *UBC Reports* which appeared on Nov. 12 The 13-member committee is chaired by Prof. Michael Shaw, UBC's vice-president, academic, and provost.

Next 'Calendar' listing covers longer period

The Dec. 9 issue of *UBC Reports* will be the last issue published in 1981, and we'll be listing all Calendar events and notices for the period between Dec. 13 and Jan. 9 in that edition.

Deadline for submission of events to UBC Calendar for the Dec. 9 issue will be 4 p.m. on Dec. 3.

Calendar forms are available from the Department of Information Services, and we'd appreciate it if you'd use them — it makes putting the Calendar together a lot simpler. You can pick them up at our office (Room 207, Old Administration Building), or call us at 228-2064 and we'll send them to you through campus mail.

Notices should be sent to: UBC Calendar, Information Services, 6328 Memorial Rd.

Funding

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decision of the federal government to continue the level of its fiscal transfers to the provinces in support of post-secondary education. The proposal that consultation with the provinces take place over the next year with a view to developing new federal-provincial arrangements for the financing of post-secondary education is consistent with the views expressed by the AUCC."

CAUT: "The Canadian Association of University Teachers is pleased that the minister of finance did not cut the federal transfers under the Established Programs Financing Act allocated for post-secondary education.

"The federal government has announced that it wishes negotiations with the provinces this year. CAUT believes that there is no excuse for any provincial government to make cuts in the university system while this process is going on."

Confederation of University Faculty Associations of B.C.:

"First reaction to Mr. MacEachen's Nov. 12 budget suggests that federal transfer payments for post-secondary education and health will be cut. B.C.'s Finance Minister Hugh Curtis is quoted in *The Province*, Nov. 13, as saying that health and higher education programs in B.C. are going to be short about $90 million next year because of the federal budget. This is emphatically not the case.

"The federal budget reduces revenue guarantees. These guarantees are for general funds: they are not earmarked for any particular program. The budget has not cut any of the Established Programs Financing transfers that have traditionally been regarded as providing funds for post-secondary education and health. Mr. MacEachen said quite clearly in his budget speech that he was not cutting anything from the health and education programs.

"Any cuts which are made to post-secondary education or health in the next fiscal year will, therefore, be the full political responsibility of the provincial government.

"In fact, in the fiscal year 1982-1983 British Columbia stands to make a net gain of $37.1 million. The federal government estimates that B.C. will lose $108.8 million from the reduction in the revenue guarantees. The tax changes, however, will bring an extra $144.9 million to the province. There is therefore no excuse in the federal budget for any reduction in provincial funding to post-secondary education."

Canadian Federation of Biological Societies:

"The federation is relieved that the federal budget did not advocate cuts in federal transfers of funds to the provinces slated for the support of post-secondary education under the Established Programs Financing Act.

"The federation is, however, concerned that by ending the revenue guarantee programs, the federal government may impose problems on the general revenue positions of the provinces.

"We hope that both the provincial and federal governments will keep their word that the funds obtained through revenue guarantee programs are not part of the funds for post-secondary education and health care."

Finally, here is a verbatim reprint from government papers issued Nov. 12 as supplemental to the budget speech, which carried the heading 'New Federal-Provincial Arrangements for the Financing of Post-Secondary Education and Human Resources Development'.

The Government of Canada proposes that new federal-provincial arrangements for the financing of post-secondary education and human resources development be devised, in consultation with the provinces, for incorporation in new federal legislation by March 31, 1983.

The government is of the view that existing federal-provincial arrangements for the financing of post-secondary education are not consistent with the country's present or future needs. Because of provincial jurisdiction over education, these transfers have in effect been unconditional. This was not an important issue when the main priority of both orders of government was the expansion and improvement of a national system of post-secondary educational institutions to which all Canadians would have access. However, social and economic circumstances have changed in recent years. The institutional infrastructure is now in place, and the growth in student population has abated.

Canada's economic development depends increasingly on our ability to make the most effective use of our human resources. This will require better co-ordination of higher education and related activities. Federal support for human resources development should accordingly be reassessed. The issue is no longer simply growth and program expansion, but the focus and direction required to restore and maintain the vitality of Canada's economy. Concerted and sustained efforts are required to avoid university and college graduates finding themselves unemployed because of an over-supply of their particular skills, while industrial expansion is hampered by shortages of other skills. Although regional concerns remain important, long-term planning for the country as a whole has become vital, and the federal government has national responsibilities in this regard which cannot be ignored. Otherwise, potential waste through duplication and wasteful competition could impede efforts to accelerate growth of the Canadian economy.

Recognition of these emerging needs led to the inclusion, in the Fiscal Arrangements Act, *of a provision for federal-provincial policy discussions on the future direction of post-secondary education. Unfortunately, the provinces have refused to engage in such discussions in the past five years.*

The government believes that new federal-provincial arrangements for the joint financing of post-secondary education and human resources development are urgently needed. Accordingly, the Secretary of State and the Minister of Employment and Immigration will pursue consultations with the provinces to develop new and more effective federal-provincial arrangements in these fields. With co-operation and goodwill on both sides, better programs can be jointly developed and put in place. However, should no satisfactory progress be made by March 31, 1983, the government could freeze future per capita EPF cash transfers for post-secondary education at the 1982-83 level.

Renovated cafeteria liked by customers

How do people like the new look in the Student Union Building Cafeteria? Food Services director Christine Samson says she is getting a lot of positive feedback from members of the University community and visitors to the campus.

The renovated cafeteria re-opened on Sept. 8 for lunch only, and began regular day and evening service on the first day of classes (Sept. 14). Ms. Samson says the renovations went smoothly, without "the usual nightmares that can accompany setting up a facility of this size."

"We're able to offer more personalized service now," she says. "We've added more 'made to order' sections like the sandwich bars and the omelette and pasta sections."

Ms. Samson says she's pleased with the results of the renovations, which began last April. "It took a great team effort on the part of the architect Dave Mackey of Musson Cattell and Partners, and the contractors Turnball and Gale to get the cafeteria ready for Sept. 8. The project was finished on time and came in on budget — that's really something for this day and age."

Ms. Samson does have one request for customers using the facility. "We've been experiencing a few problems with people leaving their used dishes on the tables. With the large turnover of patrons in the cafeteria, tables can get very messy. We'd really appreciate it if people would use the tray racks provided."

Ms. Samson, director of Food Services at UBC since 1977, feels that the food facilities on campus should provide an atmosphere for social contact as well as a place to consume our daily food and drink.

"One of my goals since joining the department has been to improve the physical surroundings of some of the cafeterias on campus. I think food facilities should offer a pleasant and relaxing atmosphere where people can meet and enjoy their lunch hours."

Ms. Samson says she's had a lot of support from the University in introducing new ideas, both in menus and decor. "I've been lucky throughout my career to work for people who let me go ahead with ideas. I think it's important to be given the freedom to work to your potential. I hope I show that same consideration to members of my department."

Ms. Samson graduated from Acadia University in Nova Scotia with a degree in Home Economics, and did a year-long internship as a dietician at the University of Alberta Hospital, and then joined the food services department at that University.

Since then she has served as the director of food services at the University of Victoria, McGill University and UBC.

Last year Ms. Samson was appointed President Elect of the University and College Food Services Association.

Labor

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two issues of wages and review of job standards."

Earlier, in response to an Oct. 23 letter expressing AUCE's concerns about how the job standards review would be handled, Mr. Grant said on Oct. 29:

"We are quite prepared to meet with you to discuss the proposals, phase II and phase III. If your committee wishes a meeting with the University, please advise my secretary who will set it up as soon as possible."

The union responded on Nov. 3. There was no response to Mr. Grant's offer of a meeting, but AUCE asked: "Is the University prepared to separate phase I from phases II and III, given an agreement that revised job standards would be the subject of contract negotiations after Jan. 1, 1982?"

To this, the University responded on Nov. 4, stating that the offer stood as a package. The University letter continued:

"The University accepts the fact that phases II and III would be accomplished by agreement through negotiations. Further, reviewing job standards as soon as possible would help negotiations for contract renewal next year. Acceptance of the University's package does not in any way inhibit free collective bargaining, nor does it commit the union to a particular position in advance of those negotiations.

"Since our offer is in direct response to the union's concern over obsolete standards and because of the major problems both parties are presently experiencing with classification issues, we can not understand your apparent reluctance to respond positively to a genuine effort on our part to meet the needs of your members."

At the union meeting Nov. 5, AUCE members defeated a motion that the University offer be settled via mail ballot, and then defeated a motion calling for a secret ballot. The rejection motion was then carried by a show of hands. The motion read as follows:

"That the membership of AUCE Local One rejects the University's three-phase proposal of 16 October and instructs the contract committee to undertake to negotiate, in accordance with Article 31.01, revised job standards which accurately reflect the work actually performed by AUCE members."

Mr. Grant said he was puzzled by the union reaction.

"They asked us on Aug. 12 for a review of job standards, and they asked for interim wage increases even though their contract runs until next April.

"We offered wage increases that we felt clearly would rectify anomalies, and we offered to meet with them to negotiate job standards. It was a package deal, and they have said they don't want it.

"However, they now have asked to meet to discuss job standards, and we are prepared to meet with the union at any time. But with the rejection of our package offer, there can be no adjustment of wages until the next contract has been negotiated."

[illegible]

Museum programs start on Knowledge Network

MOXOA [illegible] is [illegible] programs [illegible] LUEX [illegible] Museum of Anthropology [illegible] Museum [illegible] Knowledge Network [illegible] November [illegible]

60 per cent ceiling set for serials

The LUEX Senate has adopted a motion [illegible] library [illegible] serial subscriptions.

At its November meeting, Senate approved the following proposal:

"The Senate Library Committee [illegible] review annually the proportion of expenditures on serial subscriptions in the Library Collections Budget. The collection information Senate receives [illegible] programming of expenditures in the following year, the committee [illegible] expenditures for 1984-85 [illegible] 60 per cent of the collections budget, which is based on 1980 per cent [illegible] 1984-85."

In the past 18 years, the percentage of the collections budget spent on serials has risen from 28 per cent to 37 per cent, [illegible] Senate [illegible] Five Colleges.

Senate was told that within [illegible] the [illegible] of serials, the [illegible] collections budget [illegible] 1984-85.

[illegible] Museum [illegible] Programs of the Museum of Anthropology [illegible] Museum [illegible] Knowledge Network [illegible] November [illegible]

Program 1: The first program [illegible] Museum of Anthropology, [illegible] the [illegible] Program 2: This program [illegible] Program 3: [illegible] Program 4: [illegible] Museum of Anthropology. [illegible] Program 5: [illegible] Program 6: [illegible] Museum of Anthropology. [illegible] Program 7: [illegible] Museum [illegible] Program 8: [illegible] Museum [illegible] Program 9: [illegible] Museum [illegible] Program 10: [illegible] Museum [illegible] Programs of the Museum of Anthropology.

MOXOA [illegible] Programs of the Museum of Anthropology [illegible] LUEX [illegible] Museum of Anthropology's [illegible] programs [illegible] Museum [illegible] Knowledge Network [illegible] November [illegible]

Senate too wide on restructuring

The LUEX Senate will [illegible] meeting [illegible] November [illegible] Senate [illegible] MOU. [illegible] Senate [illegible] Senate's view would be [illegible] Academic Commission [illegible] Senate [illegible] Senate's [illegible] Academic Commission [illegible] Senate [illegible] Senate [illegible] Senate

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MONEY: Where the University gets it, and where the University spends it

President Douglas Kenny has now completed a series of meetings with each of UBC's 12 faculties to discuss the University's financial difficulties and to answer questions by faculty members. The financial information provided to faculty members at this series of meetings, together with additional explanatory tables, is shown on these pages and on Page 6.

TABLE 1. UBC'S NET REVENUE FOR 1981-82

Sources of Revenue	000's of Dollars	Percentage
Grant from Provincial government	$161,781	89.57
Canada National Museums grant	200	.11
Tuition Fees (excludes Centre for Continuing Education and professional continuing education course fees totalling $3,436,000)	15,799	8.75
Other sources	2,834	1.57
	$180,614*	100.00

*The University's net operating budget of $180,614,000 for the 1981-82 fiscal year (April 1, 1981 to March 31, 1982) represents an increase of 13 per cent over the 1980-81 net operating budget of $159,796,000.

N.B. The 1981-82 operating budget total does not include grants for specific purposes designated by the provincial Ministry of Universities. See Table 5.

TABLE 2. UBC'S NET EXPENDITURES FOR 1981-82

	000's of Dollars		Percentage
SALARIES AND FRINGE BENEFITS			
Teaching and Board appointments	$93,466		
Technical and office salaries	46,086	$139,552*	77.27
Provision for salary increases		17,759+	9.83
		$157,311	87.10
SUPPLIES AND OPERATING EXPENSES			
Faculties, Academic and Student Services:			
General	$ 7,684		
Library collections	3,926		
Computing services	1,317		
Student aid	1,991		
Research committee grants	1,000	15,918	8.81
Plant Maintenance and Administration			
General	$ 952		
Utilities	4,971		
Repairs and maintenance and custodial supplies	1,462	7,385	4.09
		$180,614	100.00

*UBC's total bill for salaries and fringe benefits ($139,552,000) is made up of two elements, as follows:

Subject to collective agreements under the provincial Labour Code or otherwise	$120,802,000	86.56%
Not subject to collective agreements	$ 18,750,000**	13.44%
	$139,552,000	100.00

**Includes stipends for teachers during the spring and summer sessions and for extrasessional duties as well as salaries for sessional and academic assistants, president, deans and vice-presidents, administrative, executive, non-union technicians and for office and executive secretaries and administrative and professional staff not covered by collective agreements.

+ This is the amount budgetted by the University in 1981-82 for salary increases and related fringe benefits for faculty and support staff.

TABLE 3. THE OPERATING GRANT SHORTFALL

The estimated annual cost to the University of salary increases and related fringe benefits for the 1981-82 fiscal year is	$25,242,000
LESS budget provision for salary increases and related fringe benefits in the 1981-82 fiscal year (see Table 2)	17,759,000
ESTIMATED ANNUALIZED SHORTFALL	$ 7,483,000

TABLE 4. OPERATING BUDGET EXPENDITURE — 1981-82 FISCAL YEAR

The table below outlines University expenditures for the current year between faculties and other operating units. Figures given are 000's of dollars.

Detail	Teaching & Board Appt's	Technical & Office Staff	Supplies & Operating Expenses	Total Gross Budget	Cost Recoveries*	Total Net Budget
Faculty of Agricultural Sciences	$ 2,200	$ 1,068	$ 628	$ 3,896	$ 496	$ 3,400
Faculty of Applied Science	7,062	1,949	845	9,856	—	9,856
Faculty of Arts	21,227	2,342	1,056	24,625	203	24,422
Faculty of Commerce & Business Administration	4,212	500	273	4,985	162	4,823
Faculty of Dentistry	1,895	811	554	3,260	190	3,070
Faculty of Education	9,467	1,340	746	11,553	16	11,537
Faculty of Forestry	1,395	659	526	2,580	498	2,082
Faculty of Graduate Studies	1,358	490	203	2,051	44	2,007
Health Sciences	190	295	390	875	528	347
Faculty of Law	1,896	283	155	2,334	—	2,334
Faculty of Medicine	9,685	2,757	631	13,073	195	12,878
Faculty of Pharmaceutical Sciences	1,146	183	87	1,416	5	1,411
Faculty of Science	13,795	3,670	1,851	19,316	—	19,316
Credit Course Programs	1,296	114	148	1,558	—	1,558
Academic Services	2,528	4,472	3,235	10,235	3,347	6,888
Libraries	3,148	4,803	4,784	12,735	435	12,300
Student Services	764	1,485	503	2,752	793	1,959
Fellowships, Scholarships, Prizes and Bursaries	—	—	1,991	1,991	—	1,991
Research Committee Grants	—	—	1,000	1,000	—	1,000
Plant Maintenance	51	12,051	5,822	17,924	849	17,075
Administration	1,001	4,144	923	6,068	2	6,066
General Expenses & Fringe Benefits	9,483	4,976	675	15,134	—	15,134
Provisions for:						
Salary Increases & Promotions	11,774	5,985	—	17,759	—	17,759
Other Designated Purposes	1,118	9	255	1,382	—	1,382**
Contribution to Ancillary Enterprises	—	—	19	19	—	19***
	$106,691	$54,386	$27,300	$188,377	$7,763	$180,614
% Distribution	56.64	28.87	14.49	100.00		

*Cost Recoveries include revenue from services to individuals and outside organizations and sales of products. Examples include agricultural farm revenues, theatre ticket sales, revenue from continuing education courses and programs, dental clinic revenues, forestry timber sales, computer time charges and recovery of steam and utility costs.

**Provision for Other Designated Purposes includes President's Reserve for Approved New Positions ($679,000), salary increases 1980-81 for Teaching Assistants and Dentistry faculty ($439,000), President's Contingency Fund ($234,000) and Miscellaneous ($30,000).

***Contribution for Ancillary Enterprises is for maintenance of Campus Community Health Centre.

TABLE 5. DESIGNATED OR SPECIFIC PURPOSE FUNDS

Excluded from UBC's net operating budget of $180,614,000 for the 1981-82 fiscal year are certain funds which are for specific purposes designated by the provincial Ministry of Universities. Figures are given in 000's of dollars.

1. For Specific Purposes Designated by Ministry

(a) Non-Metropolitan Programs (Credit and Non-Credit)	$ 1,122
(b) Community Health Centres (Fairmont and Campus Units)	168
(c) Engineering Expansion	980
(d) Recon Library Project	460*
(e) Medicine Cost Transfers	1,044**
(f) Medical Expansion (Not Released)	8,396***
(g) Industrial Education Teacher Training	784
	$12,954

2. For Major Equipment Acquisition

Total 1981-82 Cash Grant	$ 1,920

*This project provides for the conversion of UBC's Library card catalogue to microfiche.

**This figure represents a transfer of funds from the provincial Ministry of Health to the Ministry of Universities for the support of branch libraries and biomedical communications facilities at teaching hospitals.

***These funds, requested by the University to provide for expansion of enrolment in UBC's medical school, have not yet been released by the provincial government.

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. . . for Table 6, which outlines the method used to provide financing for capital construction at UBC. The capital funding outlined in Table 6 cannot be used for general operating purposes.

Longtime UBC friend dies at 81

Maudsley R. Boddington, who died last month at the age of 81, was a member of UBC's Board of Governors for 18 years and a strong supporter of the University's building program.

Mr. Boddington joined the UBC Senate in 1956 and became a member of the Board of Governors in 1957. He was appointed to the Board of Governors by the Lieutenant Governor in Council, the first person so appointed by a university. The initial limit of 25 members was soon increased to 30 and then to 35 to accommodate his presence.

All contributions to the fund were matched by the provincial government, giving the University more than $290 million for new buildings.

Mr. Boddington's association with the University extended back to the early 1930s, when he was a member of the committee that organized the Great Trek of 1932–33. He was also a member of the provincial government committee that supported the University's building program. He was instrumental in the construction of buildings on Sedgewick, Chemistry, which was added to the University campus in 1949, and Hebb Theatre.

In 1956, the students of UBC honored him by conferring on him the Great Trekker Award. He was the only recipient of the award who was not a student at UBC, depending on his contribution to the University.

He served as President of the Vancouver Board of Trade in 1962–63. He was also a member of the Vancouver Harbour Commission, serving as chairman in 1968–69. He was a member of the Vancouver Club, the Point Grey Golf and Country Club, the Vancouver Club and the Royal Vancouver Yacht Club.

He served as chairman of the Alumni Memorial Building Fund from 1958 to 1962. Through his association with UBC, Mr. Boddington was instrumental in supporting many worthwhile activities, especially rowing, and helped in the establishment of the Boddington Trophy Race.

He served as President of the Vancouver Rowing Club from 1962 to 1964. In 1966, some of the rowing crews raised funds to buy the "Maudsley Boddington II" in his honor.

Mr. Boddington is survived by his wife, Nellie, daughter Beverley Mirza, William M. McDowell, his son-in-law, and grandchildren.

Canadian agents subject of UBC grad's book

UBC Alumnus Roy Macleod is the subject of a recent publication from the University of British Columbia Press, entitled Commissioner Bishop: Diaries, 1888–1892.

Roy Macleod was a student in the "Vancouver Island" stream of the UBC Arts program in 1960. In 1967 he received his MA in Economics from UBC, where he was a teaching assistant in the Department of Economics. He was also a member of the University's Canadian Rugby Football Team, 1960–1962.

Macleod's Commissioner Bishop: Diaries is an in-depth look at Canadian agents who worked on behalf of the Hudson's Bay Company in the 19th century. The book is described as the exploration of over 1000 Canadian workers who passed through Europe and Asia to take up positions in the fur trade, and the consequences of their employment on the lives of the "Indian" people of the Pacific Northwest.

"The book is a study of how a small number of people, in a strange land, with little contact with their employers, allied themselves with the Indian people," said Macleod, Associate Professor of History at UBC.

Mr. Macleod is currently Parliamentary Secretary to the Minister of Energy, Mines and Petroleum Resources, and is president of the UBC Alumni, which publishes Canadian Business and Energy magazines.

Degrees designed in Dental Medicine

The UBC Senate has approved two new degrees in dental medicine, the Doctor of Medicine and Master of Science in Dentistry.

The new programs are intended to provide the required training for dentists who will be Doctors of Medicine (D.M.D.) and Masters of Science in Dentistry (M.S.D.).

Students will be required to complete 55 credits in two years in the basic sciences, leaving the remaining two years for clinical training.

GRANT DEADLINES

Research grant deadlines are subject to change. Contact your department for more information. Also, check the Research Administration Office for more information on these and other deadlines.

[illegible]

- Canadian Veterinary Research Trust Fund — Canadian Mental Health Association.
- Common Foundation — Research Grant.
- Food Foundation — Fellowship Program in Food Properties.
- Wilson and Lima Bank Research Foundation (UBC — Education Grants.
- MRC: Special Program — Symposia, and Workshops.
- SSHRC: International Relations Division — Bilateral Scholarly Exchanges Program.
- SSHRC: International Relations Division — International Collaborative Research.

[illegible]

- University of British Columbia — Northern Scientific Training Grants.

[illegible]

- Hamilton Foundation — Foundation Grants.
- National Hemophilia Foundation — Medical Research Fellowship.
- Transport Canada — Research Contribution.

[illegible]

- Canada Council — Canada Council Writing Research Awards.
- Canada Council — Translation Grants.
- Imperial Oil Limited — University Research Grants.
- Industry, Trade and Commerce — Research Grants.
- Industry, Trade and Commerce — University Course Development Grants.
- Labor Foundation Fellowship.
- MRC: Grant Program — Travel.
- MRC: Special Program — Queen Elizabeth II Scientist Awards.
- Museum Development Association of Canada — Short Term Fellowship.
- National Research Council of Canada — Research Associate in MRC Labs.
- NSERC: Fellowship Division — Writing Fellowships in Canadian Govt. Labs.
- Samuel Foundation Foundation — Fellowship.
- SSHRC: International Relations Division — Mobility International Research.
- Sir John Dobbs Commonwealth Fellowship.
- Sugar Association Inc. — Research Grant.

[illegible]

- Canada Dairy Commission — Milk Product and Market Research Contract.

[illegible]

- Medical Services Foundation (MSFC) Research Grant.
- Canada Mortgage and Housing Corporation — Research Grant Type A (Max $25,000).

[illegible]

- World Health Organization Training Organization Human Resource Program.
- World Health Organization Training Organization John Program Human Resources and Research.
- World Health Organization Training Organization Research Training Program.

TABLE 6: UBC CAPITAL FINANCING

Since early 1977, the University has received financing for its capital construction of new academic buildings, residences and parking facilities from the B.C. Educational Institutions Capital Financing Authority. Funds are borrowed for specifically authorized capital projects from the Authority on 30-year leases. Debt repayment, including interest and sinking fund requirements, are funded by the Ministry of Universities, Capital Funding of this nature is not used for general operating purposes.

	Estimated Cost	Authorized Borrowing
1. Projects		
Aquatic Centre	$21,000,000	$21,000,000
Military Processing Centre	$2,250,000	$2,182,750
Hebner Economics	$3,000,000	$3,000,000
Working Bee Beautification Weekends	$4,000,000	$4,000,000
Psychology	$15,300,000	$15,300,000
Buildings: Works 1977–78	$2,125,000	$2,125,000
Buildings: Renovations	$2,250,000	$2,250,000
Health Sciences Centre	$41,250,000	$41,250,000
Undergrad Innovative Capital Projects	$3,125,000	$3,125,000
Asian Centre	$3,250,000	$3,250,000
Buildings — Health Sciences Centre	$4,300,000	$4,300,000
TOTAL	$5,350,000	$5,350,000
TOTAL	$4,250,000	$2,964,000
Buildings: Works 1979–1980	$4,750,000	$4,750,000
Buildings: Works 81 Renovations (1980–81)	$3,250,000	$3,250,000
Acoustic Classroom Equipment	$3,000,000	$3,000,000
Chemistry Wings	$11,000,000	$6,000,000
Buildings: Works 1981–1982	$3,000,000	$3,000,000
	$111,150,000	$102,641,750
2. Major Equipment		
3-year capital purchase — administered by the University		$14,000,000
2. Capital Financing Authority Borrowing:		
Recommended by UBC in 1980–1982 four-year rolling		
From UBC		$28,000,000
From Government		$30,000,000
3. Disbursement to the 3-year capital purchase program commencing in 1982 (subject, UBC has limited funds in the 3-year capital program commencing in 1982–83 $20,000,000 per annum for the system.		

UBC CALENDAR

Calendar Deadlines

Dec. 9 will be the last publication date for UBC Calendar until Jan. 6, 1982. We will therefore be listing all events between Dec. 13 and Jan. 9 in the Dec. 9 issue. Deadline for these events will be Thursday, Dec. 3 at 4 p.m. Send notices to Information Services, 6328 Memorial Rd. (Old Administration Building.) For further information, call 228-3131.

The Vancouver Institute.

Saturday, Nov. 28
Canada's Economy: Prospect and Policy. Prof. Thomas Shoyama, University of Victoria. Lecture Hall 2, Woodward Instructional Resources Centre. 8:15 p.m.

MONDAY, NOV. 30

Cancer Research Seminar.
The Cloning and Structure of the Human Dehydrofolate Reductase Gene. Dr. Mann-Jy Chen, Hematology Division, National Institute of Health, Bethesda, Md. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 12 noon.

Science and Ethics Discussion Group.
An Ecologist Standing Up Among Seated Social Scientists or Why Ecologists and Economists Must Somehow Hear One Another. Room 304, Hennings Building. 12:30 p.m.

Fine Arts and Classics Lecture.
Etruscan Tomb Architecture and the Early Stages of Renaissance Archeology. Prof. John Oleson, Classics, University of Victoria. Room 104, Lasserre Building. 12:30 p.m.

Linguistics Workshop.
Metrical Structure and Accentuation in Tiberian Hebrew. Prof. Elan Dresher, Linguistics, UBC. Room 365, Buchanan Building. 2:30 p.m.

Mechanical Engineering Seminar.
Robotics: An Overview. W. Cameron, Material Handling Section, TRIUMF. Room 1215, Civil and Mechanical Engineering Building. 3:30 p.m.

Applied Mathematics Seminar.
Modelling Nonlinear Waves of Spreading Cortical Depression. Prof. Robert M. Miura, Mathematics, UBC. Room 104, Mathematics Building. 3:45 p.m.

Biochemical Discussion Group Seminar.
Cultured Nb Rat Lymphoma Cells: Tool in Peptide Hormone Research. Lecture Hall 4, Woodward Instructional Resources Centre. 4:30 p.m.

Archeology Lecture.
Slaves, Mules, Water-Wheels and the Place of Machinery in the Classical World. Prof. John Oleson, Classics, University of Victoria. An illustrated lecture sponsored by the Archaeological Institute of America, Vancouver Society. Lecture Theatre, Museum of Anthropology. 8 p.m.

TUESDAY, DEC. 1

Faculty Women's Club.
Regular meeting and presentation of honorary life memberships. There will be Christmas music, and a Christmas lunch (cost is $2) will be served from 12 to 1 p.m. For reservations, please call 261-9007 or 224-3557 before Nov. 28. Cecil Green Park. 10:30 a.m.

Asian Centre Presentation.
Presentation of three Asian (Japanese, Indian and Chinese) legends by The Snake in the Grass Moving Theatre. Gallery Theatre, Museum of Anthropology. 12:30 - 2:30 p.m.

Botany Seminar.
Amazonian Hallucinogenic Plants: Botany, Chemistry and Ethnopharmacology. D. McKenna, UBC. Room 3219, Biological Sciences Building. 12:30 p.m.

Forestry Seminar.
The Conflict Between Agriculture and Forestry in B.C. Dr. Alan Chambers, Forestry and Animal Resource Ecology, UBC. Room 166, MacMillan Building. 12:30 p.m.

Asian Centre Film.
Glimpses of China. Asian Centre. 12:30 p.m

Chemistry Lecture.
Physical Mechanism of Intercalation Batteries. Dr. Rudolph Haering, Physics, UBC. Room 126, Chemistry Building. 4:30 p.m.

WEDNESDAY, DEC. 2

Pharmacology Seminar.
Mechanism of Calmodulin Regulation of Calcium Transport in Cardiac Muscle. Dr. Sidney Katz, Pharmacology and Toxicology, Pharmaceutical Sciences, UBC. Room 114, Block C, Medical Sciences Building. 12 noon.

Wednesday Noon-Hour Concert.
Paul Douglas, baroque flute, and Alan Rinehart, baroque guitar. Recital Hall, Music Building. 12:30 p.m.

Anatomy Seminar.
Early Experience Stress and Coping: Behavioral and Pituitary Adrenal Effects. Dr. J. Weinberg. Room 37, Anatomy Building. 12:30 p.m.

Information Meeting.
Information meeting of the B.C. Legislative Internship Program. Room 478, Buchanan Building. 12:30 p.m.

Chemical Engineering Seminar.
An Analog Computer Simulation of Blood-to-Lymph Transport. Room 206, Chemical Engineering Building. 3:30 p.m.

Statistics Workshop.
Increasing Failure Rate and Growing Old. Dr. Cindy Greenwood, Mathematics, UBC. Room 214, Geography Building. 3:30 p.m.

Geophysics Seminar.
The San Andreas Fault and Associated Geodetic Deformation Near Cholame Valley, California. Dr. W.F. Slawson, Geophysics and Astronomy, UBC. Room 260, Geophysics and Astronomy Building. 4 p.m.

Biophysics Seminar.
The Mechanism of Contraction in Skeletal Muscle. Dr. B.H. Bressler, Anatomy, UBC. Room 201, Hennings Building. 4 p.m.

Animal Resource Ecology Seminar.
Predator Diversity and Speculations on the Function of Lateral Plates in Sticklebacks. Dr. Tom E. Reimchen, Zoology, University of Alberta, Queen Charlotte Islands campus. Room 2449, Biological Sciences Building. 4:30 p.m.

THURSDAY, DEC. 3

Urban Land Economics Workshop.
Rental and Owner Housing Markets in an Inflationary Environment. Prof. Craig Swan, Economics, University of Minnesota. Penthouse, Angus Building. 10 a.m.

Anthropology and Sociology Colloquium.
Archeological Investigations of Ethnicity. Sheila Greaves and Martin Magne, Anthropology and Sociology, UBC. Rooms 207-209, Anthropology and Sociology Building. 12:30 p.m.

History Lecture.
The Confrontation of Cultures in Colonial North America. Prof. Gary Nash, History, University of California, L.A. Sponsored by the Faculty of Arts Distinguished Visitors Program. Room 100, Buchanan Building. 12:30 p.m.

Regional Mass Spectrometry Discussion Group Seminar.
Analysis of Component Mixtures By Chromatography — Mass Spectrometry Using Quadropole and Magnetic Mass Spectrometers. Dr. R.F. Bonner, Technical Marketing Associates. Room 124, Chemistry Building. 1:30 p.m.

Asian Centre Lecture.
Natsume Soseki and his Teacher James Murdoch: Their Opposite Views of the Modernization of Japan. Room 604, Asian Centre. 2:30 p.m.

Condensed Matter Seminar.
The Quantum Hall Effect: Conduction in 0, 1/2, 1, 3/2, 2 or 3 Dimensions. Richard Prange, University of Maryland. Room 318, Hennings Building. 2:30 p.m.

Chemistry Seminar.
Structure of Palytoxin. Dr. Richard Moore, Chemistry, University of Hawaii. Room 225, Chemistry Building. 2:30 p.m.

Faculty of Medicine Special Lecture.
DNA Sequence and the Structure and Control of Genes. Dr. Michael Smith, Biochemistry, UBC. Lecture Hall 5, Woodward Instructional Resources Centre. 4 p.m.

Physics Colloquium.
The Space Gyroscope. Prof. C.W.F. Everitt, Physics, Stanford University. Room 201, Hennings Building. 4 p.m.

Immunology Seminar.
Opsonic and Non-Opsonic Recognition of Staphylococci by Human Phagocytic Cells. Room 200, Wesbrook Building. 4 p.m.

SUB Films.
9 to 5. Continues on Friday, Dec. 4 and Saturday, Dec. 5 at 7 and 9:30 p.m., and at 7 p.m. on Sunday, Dec. 6. Auditorium, Student Union Building. 7 p.m.

Friends of the Geological Museum.
The public is welcome to come to this informal meeting of the Friends of the Geological Museum. Dr. Lee C. Pigage will present a program on the summer activities and experiences of an exploration geologist, and mineral and fossil specimens will be for sale. For information, call Joe Nagel at 228-5586. Museum, Geological Sciences Building. 7:45 p.m.

Faculty Recital.
Martin Hackleman, french horn, with Robin Chow, piano. Recital Hall, Music Building. 8 p.m.

FRIDAY, DEC. 4

History Lecture.
The New Social History and the Problem of Lower Class *Mentalite*. Prof. Gary Nash, History, University of California, L.A. Sponsored by the Faculty of Arts Distinguished Visitors Program. Penthouse, Buchanan Building. 9:30 a.m.

UBC Wind Symphony.
Music of Vaughan Williams, Grainger, Holst and Walton. Martin Berinbaum, director. Old Auditorium. 12:30 p.m.

Medical Genetics Seminar.
Hamartoblast — What?? Dr. J.G. Hall. Fourth Floor Conference Room, Health Centre for Children, VGH. 1 p.m.

Linguistics Colloquium.
Get-Passives in the Extended Standard Theory. Richard DeArmond, Languages, Literature and Linguistics, SFU. Room 2230, Buchanan Building. 3:30 p.m.

Geological Sciences Lecture.
Geothermal Energy from Sedimentary Basins. Prof. Laurance Vigrass, director, Energy Research, University of Regina. Room 330A, Geological Sciences Building. 3:30 p.m.

SATURDAY, DEC. 5

Covering Corporations: Opening Boardroom Doors.
Seminar and Panel Discussion. Cost is $15. For registration information, call the Centre for Continuing Education at 228-2181. Angus Building. 10 a.m. to 1 p.m.

SUNDAY, DEC. 6

UBC Wind Symphony.
Music of Vaughan Williams, Grainger, Holst and Walton, directed by Martin Berinbaum. Old Auditorium. 7:30 p.m.

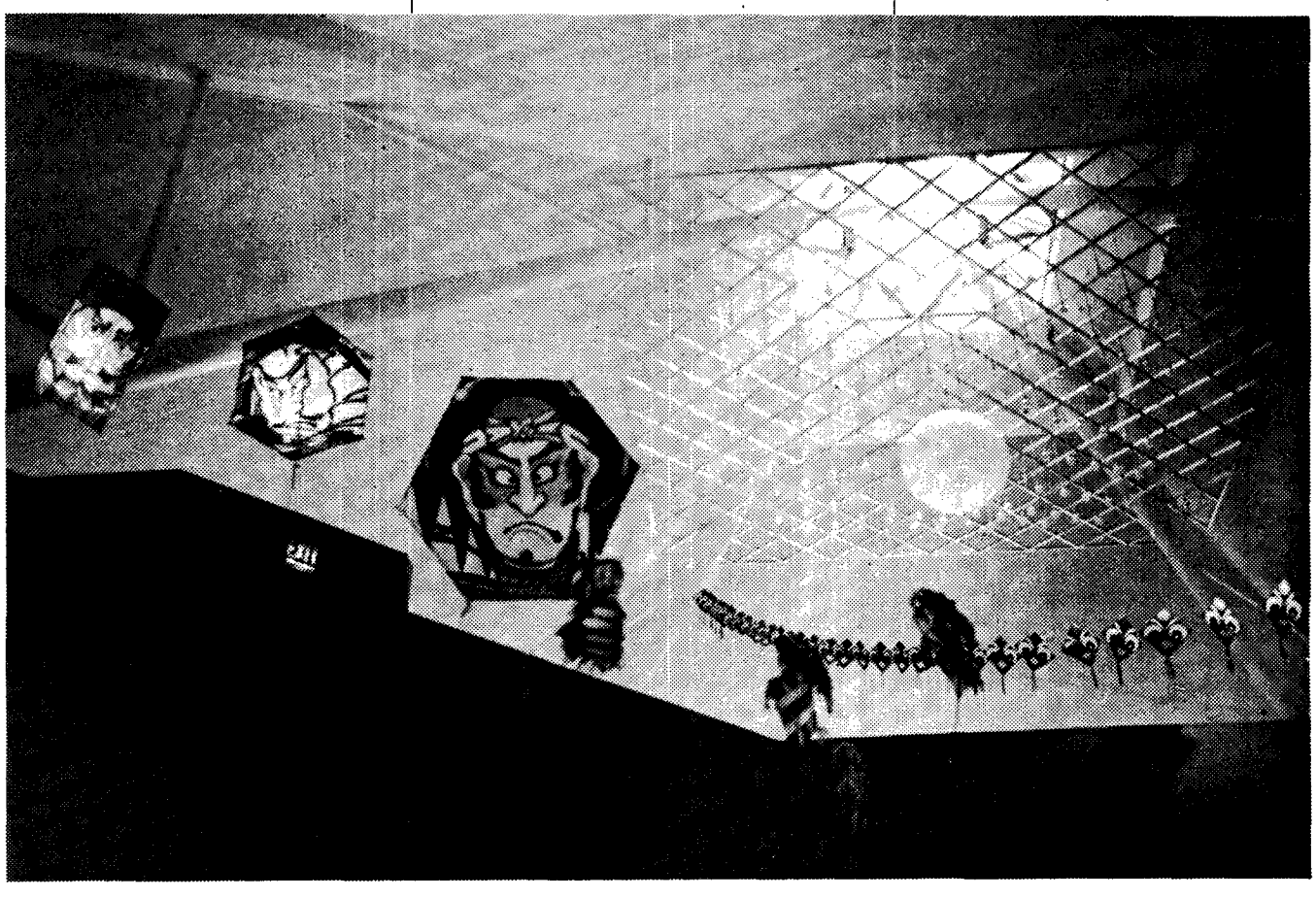
MONDAY, DEC. 7

Cancer Research Seminar.
Mutagens, Carcinogens, and Anti-Carcinogens in Food. Dr. Miriam Rosin, Environmental Carcinogenesis Unit, B.C. Cancer Research Centre. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 12 noon.

Science and Ethics Discussion Group.
Are the Products of Science and Technology Ethically Neutral? Room 304, Hennings Building. 12:30 p.m.

Linguistics Workshop.
Metrical Structure and Accentuation in Tiberian Hebrew. Prof. Elan Dresher, Linguistics, UBC. Room 365, Buchanan Building. 2:30 p.m.

Continued on page 8



If you get the feeling you're being watched when you enter the foyer of the Asian Centre these days, it could be because of the collection of Asian kites mounted from the ceiling of the building. The display continues until Nov. 30. The Asian Centre is open from 8:30 a.m. to 8 p.m., Monday through Thursday; 8:30 a.m. to 5 p.m. on Friday; 9 a.m. to 5 p.m. on Saturday; and is closed Sundays.

UBC CALENDAR

continued from page 7

Monday, Dec. 7 continued

Mechanical Engineering Seminar.
Consulting Experience in the Environmental Engineering Field. Dr. T. Jandali, Environmental Science Ltd. Room 1215, Civil and Mechanical Engineering Building. 3:30 p.m.

Applied Mathematics Seminar.
The Last Spruce Budworm Lecture. Dr. Don Ludwig, Mathematics and Animal Resource Ecology, UBC. Room 104, Mathematics Building. 3:45 p.m.

Astronomy Seminar.
A CO Survey of the Southern Galactic Plane. Dr. W.H. McCutcheon, Physics, UBC. Room 318, Hennings Building. 4 p.m.

TUESDAY, DEC. 8

Forestry Seminar.
The Interim Potential of Biomass as a Chemical Feedstock. Dr. Les Paszner, Forestry, UBC. Room 166, MacMillan Building. 12:30 p.m.

Asian Centre Films.
China Mission: The Chester Ronning Story and *People Between*. Asian Centre. 12:30 p.m.

Chemistry Seminar.
Ring Current Effects of π Clouds. Synthesis of Unusual Hydrocarbons. Dr. Reg Mitchell, Chemistry, University of Victoria. Room 126, Chemistry Building. 4:30 p.m.

Social Work Colloquium.
Children's Hearings in Scotland — The First Ten Years. John Waterhouse, Social Administration, University of Edinburgh. Lecture Hall A, Graham House. Cecil Green Park Rd. 7:30 p.m.

WEDNESDAY, DEC. 9

Pharmacology Seminar.
The Role of the Vascular Laboratory in Diagnosis. Dr. P.D. Fry, UBC. Room 114, Block C, Medical Sciences Building. 12 noon.

Statistics Workshop.
Detecting the Effect of Increasing Carbon Dioxide on Climate and Plant Growth. Prof. Charles Cooper, Biology, San Diego State University. Room 214, Geography Building. 3:30 p.m.

Biophysics Seminar.
Immune System Network Theory. Prof. G.W. Hoffmann, Physics and Microbiology, UBC. Room 201, Hennings Building. 4 p.m.

THURSDAY, DEC. 10

Medical Grand Rounds.
Donald G. Bates will give the address. Prof. Thomas Cotton will speak on the Medical Consequences of Nuclear War. Ground Floor Lecture Hall, Acute Care Unit, UBC. 12 noon.

University Choral Union with the UBC Symphony Orchestra.
Ein Deutsches Requiem by Brahms, directed by James Fankhauser. Old Auditorium. 12:30 p.m.

Anthropology and Sociology Colloquium.
Ethnicity and Interpersonal Relations: Experimental and Applied Research. Martha Foschi and Merry Wood, Anthropology and Sociology, UBC. Rooms 207-209, Anthropology and Sociology Building. 12:30 p.m.

Physics Colloquium.
Galaxies, Quasars, and Gravitational Lenses. Prof. Robert C. Roeder, Physical Sciences Division, Scarborough College, University of Toronto. Room 201, Hennings Building. 4 p.m.

Physicians for Social Responsibility Lecture.
Dr. Donald Bates. The public is welcome. B Lecture Hall, VGH. 8 p.m.

FRIDAY, DEC. 11

Medical Genetics Seminar.
Vancouver/Seattle Exchange. No Rounds.

UBC Public Affairs.
Implications of the Federal Cutbacks in Health and Welfare Programs. Dr. Richard Splane, Social Work, UBC, with host Gerald Savory, UBC Centre for Continuing Education. Program will be repeated on Dec. 18 at 7:30 p.m. Channel 10, Vancouver Cablevision. 7:30 p.m.

University Choral Union with the UBC Symphony Orchestra.
Ein Deutsches Requiem by Brahms, directed by James Fankhauser. Old Auditorium. 8 p.m.

Notices . . .

Food Service Hours
Hours for food service facilities on campus during the Christmas season are as follows: Buchanan Snack Bar, Education Snack Bar and Ponderosa Snack Bar close Dec. 11; Auditorium Snack Bar closes Dec. 18; Barn Coffee Shop, I.R.C. Snack Bar close Dec. 22 — all facilities re-open Jan. 4. The Bus Stop Coffee Shop closes Dec. 22 and re-opens on Dec. 29.

Co-operative Education Programs
The Co-operative Education Programs in Engineering and Forestry are accepting applications from all interested students in Science I and transfer Ap.Sc.I and FRST I until Dec. 15. For more information, call 228-3022 or drop by Room 213 of Brock Hall.

AMS Gallery
The AMS Gallery, located in the Student Union Building, is presenting an exhibition of works by Don Chin, Ray Lorenz and Vivian Meyer, entitled *In Search of Piktor's Metamorphosis*. The exhibit runs until Dec. 4. Gallery hours are from 10 a.m. to 8 p.m. Monday through Friday. For more information, call V. Meyers at 736-3901.

Nitobe Garden Hours
From Nov. 9 to Feb. 28 the garden will be open from 10 a.m. to 3 p.m. on weekdays and will be closed weekends.

Asian Centre Exhibit
An exhibition of Asian kites will be on display at the Asian Centre from Nov. 16 to 30.

Museum of Anthropology
Exhibitions: The Legacy: Continuing Traditions of Canadian Northwest Coast Indian Art, Nov. 25, 1981 to Aug. 31, 1982; West Coast Graphics: Images of Change and Kwagiutl Graphics: Tradition in a New Medium, through until Dec. 31.
Guided Gallery Walks: gallery guides will introduce museum galleries to visitors. 2:30 p.m. on Thursdays.
Free Identification and Conservation Clinic: Nov. 24 from 7 to 8:30 p.m.
Snake in the Grass Moving Theatre: Clowns Garbanzo and Koko perform Sundays at 2 p.m. until Dec. 6.
The Cedar Tree: Uses of the Cedar tree demonstrated Sundays from 1 to 3 p.m. in the museum theatre.

Museum hours are noon to 9 p.m. on Tuesdays, noon to 5 p.m. Wednesdays through Sundays, and the museum is closed Mondays.
For information on museum activities, please call 228-5087.

CITR

100.1 on cable fm

Wednesday, Nov. 25
3 p.m. *Still Ain't Satisfied*. Linda Reid produces this show which looks into contemporary women's issues.

Thursday, Nov. 26
3 p.m. *Cross Currents*. A look at consumer and environmental issues.
5 p.m. *Thunderbird Sports Report*. A look at the upcoming T-Bird basketball teams.

Friday, Nov. 27
3 p.m. *Dateline International*. Trends in Japanese business. Produced by Rob Simms; written by Dan Tidball.

Saturday, Nov. 28
3 p.m. *Behind Four Walls*. A look at the rental housing market in Vancouver with an emphasis on student issues. Produced by Ian Timberlake.
4:30 p.m. *Making Waves*. Paul Kaihla talks to Barbara Frumm and Peter C. Newman about the media in Canada.

Sunday, Nov. 29
4:30 p.m. *Laughing Matters*. Jerry Eberts and Joe March take a lighter look at war. Features Bob Newhart, Jonathan Winters, W.C. Fields, and Eddie Cantor.

Monday, Nov. 30
3 p.m. *Melting Pot*. Joe March talks to UBC Poultry Science Department head Dr. Darrell Bragg about egg cholestorol and the fallacies associated with it.
7 p.m. *Off Beet*. A comic roundup of the week's off-beat news.

Tuesday, Dec. 1
3 p.m. *Gay Issues*. Produced by the Gay People of UBC.
5 p.m. *Thunderbird Sports Report*. A look at intercollegiate and intramural sport at UBC.
9 p.m. *Airstage*. Radio drama written by students of UBC's Creative Writing department. Produced by Joe March and the CITR players.

Wednesday, Dec. 2
3 p.m. *Still Ain't Satisfied*. A look at law careers for women.

Thursday, Dec. 3
3 p.m. *Cross Currents*. A look at the consumer and environmental issues.
5 p.m. *Thunderbird Sports Report*. A look at intercollegiate and intramural sport at UBC.

Friday, Dec. 4
3 p.m. *Dateline International*. International affairs in focus.

Saturday, Dec. 5
3 p.m. *Behind Four Walls*. A look at housing as it affects the UBC student.

Sunday, Dec. 6
2:30 p.m. *Laughing Matters*. A documentary series looking at the history of recorded comedy.

Monday, Dec. 7
3 p.m. *The Melting Pot*. Harry Hertscheg talks to UBC Geography graduate student Tony Charles about his research into B.C. fisheries.
4:30 p.m. *Making Waves*. Issues of concern to the UBC community.
7 p.m. *Off Beet*. A comic roundup of the week's off-beat news.

Tuesday, Dec. 8
3 p.m. *Gay Issues*. Produced by the Gay People of UBC.
5 p.m. *Thunderbird Sports Report*. A look at intercollegiate and intramural sport at UBC.
9 p.m. *Airstage*. Radio drama produced by Joe March and the CITR players. Written by students of UBC's Creative Writing department.

Wednesday, Dec. 9
3 p.m. *Still Ain't Satisfied*. Christmas Blues for single parents.

Thursday, Dec. 10
3 p.m. *Cross Currents*. Consumer and environmental issues in focus.
5 p.m. *Thunderbird Sports Report*. A look at intercollegiate and intramural sport at UBC.

Friday, Dec. 11
3 p.m. *Dateline International*. International Affairs are the focus of this show produced by Dan Tidball.

Saturday, Dec. 12
3 p.m. *Behind Four Walls*. Housing and the UBC student.

Sunday, Dec. 13
2:30 p.m. *Laughing Matters*. A documentary series looking at the history of recorded comedy.

Monday, Dec. 14
3 p.m. *The Melting Pot*. Mike Mines talks to UBC professor of Sports Medicine Dr. Doug Clements about the joys of jogging.
4:30 p.m. *Making Waves*. Issues of concern to the UBC community.
7 p.m. *Off Beet*. A comic roundup of the week's off-beat news.

Tuesday, Dec. 15
3 p.m. *Gay Issues*. Produced by the Gay People of UBC.
5 p.m. *Thunderbird Sports Report*. A look at intercollegiate and intramural sports at UBC.
9 p.m. *Airstage*. Radio drama produced by Joe March and the CITR players. Written by students of UBC's Creative Writing department.

NEW AWARDS

The following student awards were approved by the UBC Senate at its last meeting. In certain instances, the initial award will not be available in the current academic year.

Borch Scholarship in Theatre — A scholarship in the amount of $800 has been made available by Mr. Gerald Borch, B.A. 1969. The award will be made to a student entering the final undergraduate year in the Department of Theatre, and demonstrating professional potential. The award will be made on the recommendation of the department.

Intramural Administrator Award — An award consisting of a prize in the amount of $150 and a plaque has been made available by George Mapson to recognize outstanding contributions to the administrative support of the Intramural program. The recipient will be recommended by the Director of the Intramural-Recreational Sports Program.

Intramural Unit Manager Award — An award consisting of a prize in the amount of $150 and a plaque has been made available by George Mapson to recognize the outstanding Unit Manager in each of the men's and women's Intramural programs. The recipients will be selected by the Director of the Intramural-Recreational Sports Program in consultation with the respective Unit Managers.

I.P. Sharp Associates Limited Scholarship — A scholarship of $1,000 is offered annually to a student completing second year with a demonstrated interest in Computer Science and high standing in Science courses. The award will be made on the recommendation of the Department of Computer Science. The winner will receive an offer of employment from I.P. Sharp Associates Limited for the summer following completion of the student's third year. (Available 1982/83.)

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