

Committee chooses two library building options

Two proposals for new construction to meet the space needs of the UBC library to the year 2000 have been selected by the President's Committee on Library Space Requirements, chaired by Dean Peter Larkin, head of the Faculty of Graduate Studies.

Proposal A, the one favored by the 33-member committee, is based on centralization of library services. It calls for construction of two new wings on either side of the Ladner Clock Tower linking the Main and Sedgewick Libraries and the demolition and reconstruction of most of the existing Main Library. (For a map and more details, turn to page 3.)

Proposal B, which is based on decentralization of library services, also calls for demolition and reconstruction of most of the Main Library as well as construction of a new library building on the site of the present Bookstore or underground in the vicinity of the Main Library.

Under both plans, the north and south wings of the Main Library and the stack area on the east side of the building would be demolished and replaced by six storeys of flexible and adaptable space that would meet the standards of the Na-

tional Building Code and the Fire Code.

Both plans also call for the central, stone-faced section of the Main Library, built in 1924-25, to remain intact externally as a "heritage" structure. The interior, however, would be gutted and renovated to conform to the rebuilt, six-storey north and south wings and stack area.

It's estimated that the cost of both proposals would be in excess of \$40 million.

Dean Larkin said the committee on library space requirements had expressed a preference for Plan A over Plan B "largely on the argument that centralization of library services is desirable from the subjective perspective of users."

Moreover, he adds, in a report to President Douglas Kenny commenting on five construction options prepared by UBC's Department of Facilities Planning, the A scheme "would probably lead to the greatest economy of operation, especially in the immediate future" and "would also contribute to the long-term need for revitalizing the urban design of the campus core."

The report of the Larkin committee and the facilities planning document setting out the construction options were placed before UBC's Board

of Governors for information when it met yesterday (Nov. 4).

President Kenny said both items would be forwarded to the President's Committee on Land Use and the Senate Committee on Academic Building Needs for study.

Eventually, a detailed proposal for additional library space will be sent to the Universities Council of B.C. for consideration.

The library construction options are based on a series of technical studies prepared by the facilities planning department. They were ordered last June following submission of an interim report by the Larkin committee to President Kenny.

The interim report said UBC should make an immediate start on a building program to create more room for the normal growth of book and other collections until 1990 and to provide adequate space for some other library functions.

The report also said that Doomsday for the UBC library — the day when the existing library system runs out of space for new books and other materials — is less than a decade away.

UBC reports

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Fee hike averages 13 per cent

Tuition fees will go up an average of 13 per cent at UBC next year, but a new approach to the setting of fees will give first-year students a break.

Most students entering UBC for the first time next September will pay \$650 for their initial year, an increase of only 10.2 per cent from this year's \$590.

The schedule of tuition fees for 1981-82 was approved yesterday (Nov. 4) by the University's Board of Governors.

Following student representations, the Board agreed to request that the federal and provincial governments deal with deficiencies in government student-aid programs. The Board also asked that steps be taken to ensure that high school students are fully informed about UBC student-aid programs.

A recommendation from UBC President Douglas Kenny that the annual increase in fees be lower for first year than for higher years was approved by the Board.

"Most students work during the summer and the graduating high school student doesn't have the same chance to earn money that a university student has," Dr. Kenny said in explaining his position.

He said that while the dollar difference between first-year tuition fees and fees for the upper years would be only \$20 next year, the new approach, if projected for future years, could mean a significant difference a few years down the road.

"I think the idea of having lower fees for a student's initial year at a university could become a pattern for Canada," Dr. Kenny said.

The UBC Board decided last year that tuition fees would be set each November for the following year, and that the fees should total not less than 10 per cent of the net budgeted general purpose operating costs for the current year.

"This year's net operating costs are \$159.8 million, and next year's student fees will bring in about \$15.9 million," said Board chairman Dr. Leslie Peterson. "Students will still be paying less than 10 per cent of the actual cost of their education, since the University's costs are bound to be higher next year."

As part of the fee policy established by the Board of Governors last year, student financial aid has also been reviewed to maintain the University's policy "that no competent student will be denied access to the University because of financial reasons."

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UBC Thunderbirds basketball team (white jerseys) had little trouble polishing off this Senior A Dogwood team last week as they prepared for their annual Buchanan

Trophy clash with Simon Fraser Clansmen this Saturday (Nov. 8). Game time is 8:30 p.m. in the War Memorial Gymnasium.

Picture by Jim Banham

Foundation aids UBC law library

The Law Foundation of British Columbia has awarded \$186,103 to the University for purchases for its Law Library.

The funds, which will be given to the University in four separate instalments during the current fiscal year, will be used to maintain subscriptions to law journals and current law reports and for the purchase of other materials in conventional book form and on microfilm.

Dean Kenneth Lysyk, head of the law faculty said that in approving the grant "the Law Foundation has made a very significant contribution to ex-

cellence in legal education and legal research."

He added: "We tend to regard this as the 'flagship' law library in British Columbia and, of course, we hope the legal profession will share that perception."

Part of the Law Foundation grant will be used to meet continuing commitments on the part of the Law Library for the purchase of law reports and to pay for subscriptions to costly law journals.

More than \$100,000 will be used by the Law Library to purchase in-print and out-of-print material in the fields

of the history of law, legal process and the social sciences.

Part of the grant will be directed toward the purchase of microfilm reading equipment and the replacement of deteriorating and heavily used basic sets of law materials.

The Law Foundation of B.C., the first established in Canada, was created by provincial legislation in 1969 to serve as receiver and distributor of interest accruing on lawyers' mixed and general trust accounts maintained in banks, trust companies and other approved depositories.

**TABLE 1.
UBC TUITION FEES
1981-82**

The 1981-82 fees listed below are for tuition ONLY. They do not include additional student fees.

| ACADEMIC PROGRAM | 1980-81 TUITION FEE | 1981-82 TUITION FEE |
|---|---------------------|---------------------|
| Arts — Year I) | | |
| Home Economics — Year I) | | |
| Education — Year I) | \$590 | \$650 |
| Nursing — Year I) | | |
| Science — Year I) | | |
| Physical Education and Recreation — Year I | \$615 | \$677 |
| Agricultural Sciences and Landscape Architecture — Year I | \$630 | \$695 |
| Arts, Science, Education, Home Economics and Social Work upper years & Diploma programs in Arts and Education) | \$590 | \$670 |
| Commerce — Year I) | | |
| Pharmaceutical Sciences — Year I) | | |
| Rehabilitation Medicine) | \$615 | \$695 |
| Physical Education & Recreation — upper years) | | |
| Nursing — upper years) | \$590 | \$695 |
| Social Work — concentrated program for degree holders | \$590 | \$700 |
| Agricultural Sciences and Landscape Architecture — upper years | \$630 | \$725 |
| Librarianship and Archival Studies | \$680 | \$770 |
| Medical Laboratory Science) | | |
| Commerce — upper years) | | |
| Dental Hygiene) | | |
| Forestry) | \$725 | \$820 |
| Law) | | |
| Pharmaceutical Sciences — upper years) | | |
| Licentiate in Accounting) | | |
| Engineering) | | |
| Architecture) | \$750 | \$850 |
| Music) | | |
| Dentistry) | \$920 | \$1050 |
| Medicine) | | |
| Diploma programs in Dentistry | \$935 | \$1060 |

TABLE 2. BASIC TUITION FEES IN FACULTIES OF ARTS at 18 CANADIAN UNIVERSITIES 1977-78 TO 1980-81

| | 1977/78 | 1978/79 | 1979/80 | 1980/81 |
|--------------------------------|---------|---------|---------|---------|
| University of British Columbia | \$536 | \$536 | \$536 | \$590 |
| University of Alberta | 500 | 550 | 550 | 605 |
| University of Calgary | 500 | 550 | 550 | 605 |
| University of Saskatchewan | 572 | 625 | 655 | 655 |
| University of Manitoba | 450 | 540 | 570 | 615 |
| University of Toronto | 675 | 675 | 710 | 835 |
| University of Western Ontario | 689 | 691 | 726 | 817 |
| Queen's University | 700 | 700 | 735 | 845 |
| University of Guelph | 686 | 686 | 686 | 710 |
| York University | 765 | 765 | 863 | 915 |
| McMaster University | 685 | 685 | 720 | 810 |
| Wilfrid Laurier University | 720 | 720 | 755 | 810 |
| Carleton University | 680 | 680 | 720 | 813 |
| Universite Laval | 450 | 450 | 450 | 450 |
| McGill University | 570 | 570 | 570 | 570 |
| Universite de Montreal | 540 | 540 | 680 | 680 |
| Mount Allison University | 765 | 815 | 865 | 935 |
| Dalhousie University | 675 | 700 | 840 | 900 |

FEES

Continued from page 1

The Board yesterday increased the amount of bursary funds available next year for students by \$40,000. Bursaries are awarded on the basis of financial need and are outright grants which don't have to be repaid by the recipients.

Although the fee increases at UBC average 13 per cent, Dr. Peter-

son said some increases would be higher to eliminate anomalies.

Degree holders enrolled in a concentrated program in Social Work will pay a fee of \$700, up from \$590. Fee for the upper years of Nursing goes to \$695 from \$590, fee for the upper years of Agriculture goes to \$725 from \$630, and fees for Dentistry and Medicine climb to \$1050 from \$920.



Visiting scholar to UBC, Prof. Fang-Zeng of Peking's Central Technical Arts College, presented an example of Chinese calligraphy to President Douglas Kenny at a recent ceremony in the Asian Centre, now nearing completion next to the Nitobe Garden. Prof. Fang-Zeng, regarded as one of China's ten leading modern painters, is renowned for his calligraphy, which is a highly developed art in China. The calligraphy presented to UBC is a poem by one of China's greatest lyric poets, Du-Fu, who lived from 712 to 770 AD during the Tang dynasty. The poem will be on display in the Asian Centre when the building opens early in 1981.

Parkade confusion clarified

Some people, it appears, are a little confused about the use by faculty and staff and visitors of the new 1,130-space parkade on Health Sciences Road immediately west of the Health Sciences Centre.

Here then, for the record, are the regulations which apply to the use of the new facility.

- The holder of a faculty and staff parkade decal and key card can operate the entrance-exit equipment by using the entrances marked "Card Holder". The parkade decals cost \$128 a year and space is guaranteed.

- Visitors, by using the entrance marked "Visitor", can enter the parkade by taking a ticket from a spitter machine. The charge for visitors is by the hour — 50 cents for the first hour and 25 cents for each additional hour up to a maximum of \$2 a day.

- The holder of a faculty and staff decal can use the parkade at any time for a flat rate of 75 cents a day, or pay the visitor hourly rate, whichever is less.

- The UBC Parkade decal entitles the holder to use any faculty and staff lot on the campus.

Many years of protest pay off

Years of protests and complaints by scientists and the general public have paid off. The Medical Research Council, premier federal health research funding agency, has announced a five-year plan for biomedical research with yearly increases of about 20 per cent.

Dr. Sidney Katz, associate professor in the Faculty of Pharmaceutical Sciences, said the plan will allow health researchers to begin their recovery from government neglect.

Dr. Katz, chairman of the Science Policy Committee of the Canadian Federation of Biological Societies, said Ottawa has underfunded health research in Canada for about a decade.

"Although I'm glad the plan calls for more money for regional develop-

ment in biomedical research," he said, "I'm concerned that it doesn't consider Canada's future shortage of biomedical scientists."

He said the government's intention of entering into the new industrial area of biotechnology will create a shortage of biomedical scientists. The problem will be compounded by the fact that scientists in the field today are growing older and few new scientists, because of the last decade of government underfunding, have been encouraged to enter the profession.

Rename room

The reading room of the adult education division of the Faculty of Education has been renamed the Coolie Verner Memorial Reading Room in honor of the late Prof. Verner, who died in October, 1979.

Prof. Verner, who was internationally known for his activities in the field of adult education, contributed 1,200 of the some 2,000 volumes that comprise the reading room collection, which is housed in the division's headquarters on Toronto Road adjacent to the UBC campus.

A faculty member at UBC from 1961 to 1967, Prof. Verner established the fourth graduate program in adult education in the United States at Florida State University, where he was a faculty member from 1953 to 1961, and the first such program in Canada as a member of the UBC teaching staff.

Service set

UBC's traditional Remembrance Day service will be held on Tuesday, Nov. 11 in the War Memorial Gymnasium at 10:45 a.m.

Taking part in the service will be representatives from the Canadian Armed Forces, the 196th Western Universities Battalion Association, the War Amputations of Canada, the Royal Canadian Legion Branch 142 and the Sir Arthur Pearson Association of War Blinded of Canada, as well as University representatives.

The fee schedule approved yesterday is effective next May 4, the start of UBC's spring session. Fees for the spring and summer session rise 13 per cent per unit of study, to \$52 from \$46. The fee for a standard 3-unit correspondence course also goes up 13 per cent, to \$156 from \$138.

In addition to the tuition fees set by the University, students at UBC pay

an average \$40 a year in special fees levied by the Alma Mater Society and other student organizations.

President Kenny said UBC's new basic tuition fees of \$650 (first year) and \$670 (upper years) are still well below the fees paid by most Canadian university students.

Library committee favors Plan A option

The options for new library construction on the UBC campus developed by the Department of Facilities Planning are grouped under two major alternatives labelled Plan A and Plan B.

The three Plan A options are based on the concept of centralization or recentralization of library services. They assume that some library branches presently housed in other buildings — the processing division, the Crane Library for the blind (now located in Brock Hall), and the Mathematics and Music Libraries — would be incorporated into the Plan A proposals.

Each of the Plan A options is concerned with the expansion and enhancement of the Main Library and imply little change in the present structure of the library system.

Little change

Dean Peter Larkin, who chairs the President's Committee on Library Space Requirements, says that because the Plan A options "mean little change to the system, there are negligible implications for collections, processing, management and costs of operations. It should be possible to develop A options that result in improved organization of public services and centralization of reference divisions. The staging of all of the A options is relatively easy."

The options proposed under Plan B reflect a policy towards increased decentralization of library services. Both options under Plan B involve construction of a new Science Library on the site now occupied by the UBC Bookstore as well as reconstruction and renovation of the Main Library.

The committee expressed a preference for an A over a B option, Dean Larkin said, "largely on the argument that centralization of library services is desirable from the subjective perspective of users." In addition, the A scheme would probably lead to the greatest economy of operation and contribute to the long-term need for revitalizing the urban design of the campus core.

However, Dean Larkin adds, both the A and B options will probably be needed in the long run, "and it is really only a question of which should come first."

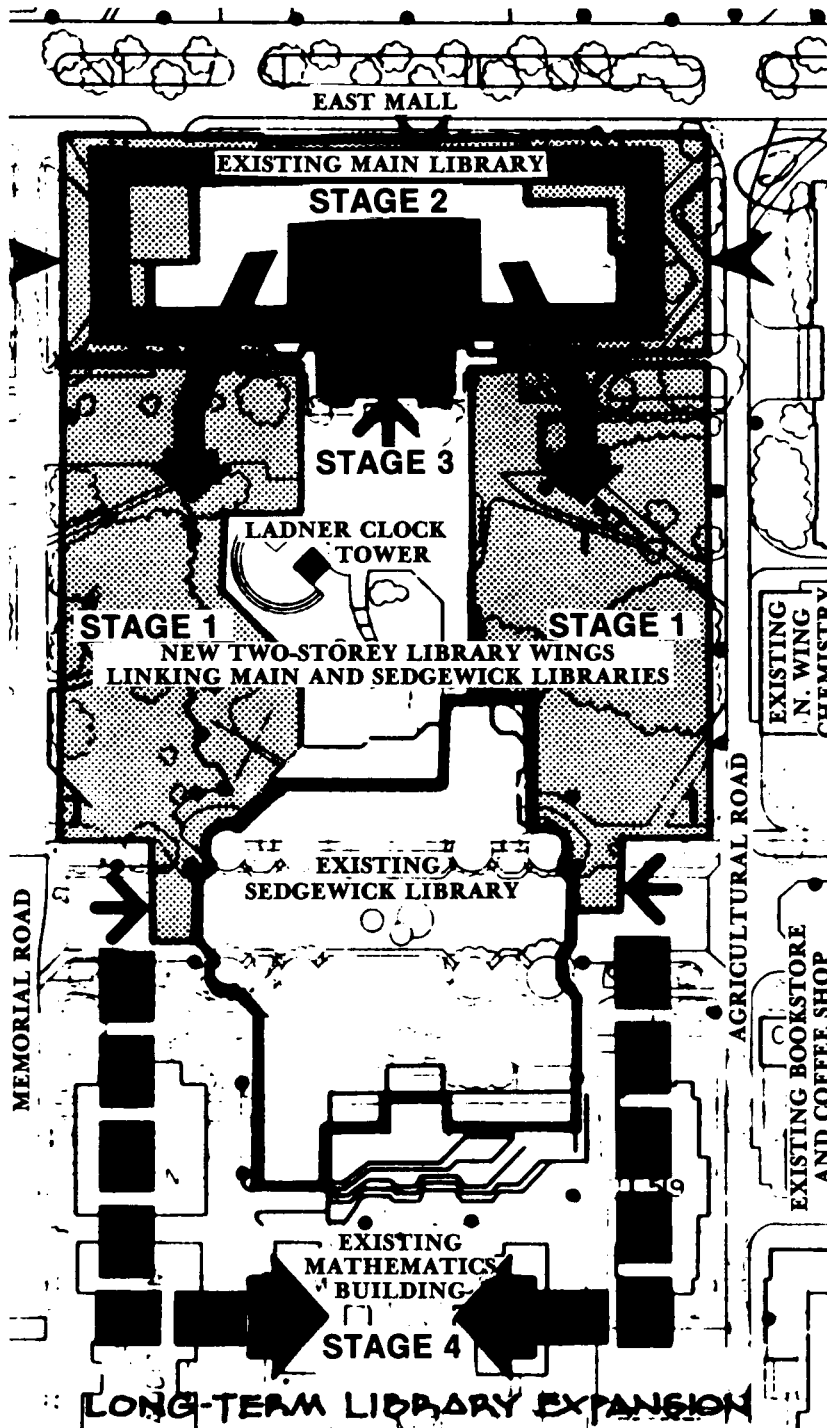
The A option recommended by the Larkin committee involves the construction, in stages, of two new wings on either side of the Ladner Clock Tower to link the Main and Sedgewick Libraries and the demolition and reconstruction of the Main Library, except for the "heritage" section built in 1924-25, which would be gutted and renovated.

Cost estimate

The estimated cost of the option would be about \$43 million. In its report setting out the five construction options for the library system, the facilities planning department emphasizes that the cost estimates for each of the options should be viewed as suitable for comparative rather than budgetary purposes.

The estimates do not include professional fees and services, allowances for inflation, furnishing costs and some aspects of demolition, relocation and developments in association with the library construction.

The estimated cost associated with the A option also makes no allowance for a proposed long-term expansion, which would see additional library



Map above shows Plan A proposal for expansion of UBC library facilities. Stage 1 of plan involves construction of new wings on either side of the Ladner Clock Tower to link Main and Sedgewick Libraries. This would be followed by demolition of north and south wings and stack area of Main Library and construction of new, six-storey building as Stage 2 of project. Stage 3 would involve gutting and renovating of central stone-faced "heritage" section of the Main Library, built in 1924-25. Long-range expansion (Stage 4) calls for new buildings on sites surrounding western end of Sedgewick Library.

Final plans asked by February

UBC's Board of Governors yesterday (Nov. 4) requested that final recommendations for new library construction be ready when it meets on Feb. 3, 1981.

The Board also passed a motion asking the administration to pursue further the two construction

options selected by the President's Committee on Library Space Requirements and to send progress reports on the library studies to Dr. William C. Gibson, chairman of the Universities Council, and Dr. Patrick McGeer, the provincial minister of Universities.

space constructed in the 21st century on a site now occupied by the Mathematics Building and Annex, the Old Auditorium and the Old Administration Building.

Here is how the Department of Facilities Planning sees the A option being carried out.

STAGE 1. This stage would involve the construction in front of the Main Library building of wings on either

side of the Ladner Clock Tower that would link the Main Library to the Sedgewick Library and provide 134,000 net assignable square feet of temporary and permanent space (shaded areas labelled Stage 1 on map).

The wings on either side of the clock tower would be two storeys in height and the roofs of each would be level with the Main Mall, which is also the

roof of the Sedgewick Library. When construction of the wings is complete, the roof areas would be extensively landscaped with grass, shrubs and trees at an estimated cost of \$1,750,000. Part of the garden and grassy area below the Ladner Clock Tower immediately east of the Sedgewick Library would be undisturbed by the Stage 1 construction, which would cost an estimated \$17.5-18 million.

STAGE 2. Completion of Stage 1 would enable some divisions housed in the Main Library to move into permanent or temporary space in one of the new library wings so that demolition of the south wing of the Main Library could begin.

Six storeys high

The new south wing, which would cost an estimated \$10 to \$11 million to build, would be a six-storey structure with new floor levels quite unrelated to the existing structure and designed to provide a flexibility and adaptability the present structure doesn't have.

When the south wing is complete, the people and divisions housed in the north wing of the library would move into the new south wing so that the demolition and reconstruction process can be repeated at about the same cost.

STAGE 3. This stage provides for the gutting and renovation at an estimated cost of about \$3 million of the original, stone-faced Main Library, built in 1924-25, to conform with the reconstructed Main Library.

STAGE 4. This provides for long-range expansion in the 21st century to the sites surrounding the western end of the Sedgewick Library.

The net result of this plan, which is officially called Option A2 in the facilities planning report, will be to create about 350,000 net assignable square feet of library space in the building complex.

Two other plans, labelled options A1 and A3, were rejected by the Larkin committee. Option A1, which also calls for the wings linking the Main and Sedgewick Libraries, reconstruction of the main stacks and renovation of the rest of the existing Main Library, is described as "awkward and uneconomic."

Option A3, which calls for construction of a new central library on the Mathematics-Old Administration Building sites and renovation and reconstruction of the interior of the Main Library, is labelled "impractical."

B option

Of the two Plan B options explored by the facilities planning department, the Larkin committee says Option B1 is preferable.

This would involve construction of a small-scale structure of about 30,000 net square feet on the site of the existing Bookstore or underground in front of the Main Library. Units presently housed in the south wing would move into this new unit to permit the staged demolition of the south and north wings and stack area and renovation of the heritage element of the Main Library as in Option A2. Total estimated cost: \$42 million.

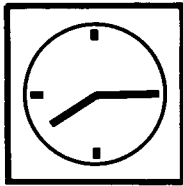
Option B2, which the Larkin committee regards as "awkward and uneconomic," calls for construction of a Science Library as in B1 plus interior renovation and construction of new space for the Main Library.

UBC Calendar

UBC CALENDAR DEADLINES

Events in the week of:
 Nov. 16 to Nov. 22 Deadline is 5 p.m. Nov. 6
 Nov. 23 to Nov. 29 Deadline is 5 p.m. Nov. 13
 Send notices to Information Services, 6328 Memorial Rd., (Old Administration Bldg.), Campus. For further information call 228-3151.

THE VANCOUVER INSTITUTE



SATURDAY, NOV. 8
 Prof. Julia Levy, Microbiology, UBC, on **Early Cancer Detection By Blood Tests.**
SATURDAY, NOV. 15
 Prof. Paul C. Gilmore, head, Computer Science, UBC, on **Where Are Computers Going?**
 Both lectures in Lecture Hall 2, Woodward Instructional Resources Centre at 8:15 p.m..

SUNDAY, NOV. 9

1:00 p.m. HEALTH SCIENCES SEMINAR. The Health Sciences Students Association presents a seminar on **Cancer Therapy — A Team Approach**, with noted health professionals from the fields of medicine, pharmacy, nursing, rehabilitation medicine, dentistry and dietetics. Topics will focus on current trends in cancer treatment. Continues until 4:30 p.m. in Lecture Hall 1, Woodward Instructional Resources Centre. For information, call Sharon Young, 224-6582.

MONDAY, NOV. 10

12 noon CANCER RESEARCH SEMINAR. Dr. D.A. Boyes, director, Cancer Control Agency of B.C., on **Status of Preclinical Invasive Carcinoma of the Cervix.** Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave.

12:30 p.m. PHARMACOLOGY SEMINAR. Prof. J. Parratt, Physiology and Pharmacology, University of Strathclyde, Glasgow, on **Experimental Aspects of the Treatment of Myocardial Ischaemia and Infarction.** Room 114, Block C, Medical Sciences Building.

ASIAN RESEARCH INSTITUTE/LAW Lecture. Dr. Chen Yong-Ling, vice-chairman, History, Central Institute for Nationalities, Beijing, China, on **The Other Chinese: Minority Nationalities in the Peoples Republic.** Room 101-102, Law Building.

CENTRE FOR HUMAN SETTLEMENTS Video Previews. Today's films are **Growing Dollars and Ethiopia: A Famine Report.** Room 308, Library Processing Building.

3:30 p.m. STATISTICS WORKSHOP Special Meeting. Dr. Lene Theil Skovgaard, Statistical Research Unit, Danish Medical and Social Science Research Council, on **Differential Geometry and Statistical Inference.** Room 212, Geography Building.

CAMPUS FISHERIES SEMINAR. Prof. Don Ludwig, Mathematics, UBC, on **How Important is Parameter Uncertainty? What You Don't Know Can Hurt You.** Room 115, Hut B-8.

3:45 p.m. APPLIED MATHEMATICS SEMINAR. Lawrence Mysak, Mathematics and Oceanography, UBC, on **Barotropic Instability of Flow Along a Trench.** Room 203, Mathematics Building.

4:00 p.m. ASTRONOMY SEMINAR. Dr. K.S. Krishna Swamy, Tata Institute of Fundamental Research, Bombay, India, on **C₂ Bands in Comets.** Room 318, Hennings Building.

4:30 p.m. ZOOLOGY "PHYSIOLOGY GROUP" SEMINAR. Dr. M.A.R. Koehl, Zoology, University of California, Berkeley, on **Mechanical Adaptions of Giant Kelp.** Room 2449, Biological Sciences Building.

TUESDAY, NOV. 11

Remembrance Day. University closed.

10:45 a.m. REMEMBRANCE DAY SERVICE will be held in War Memorial Gymnasium.

WEDNESDAY, NOV. 12

10:30 a.m. MARKETING SEMINAR. Prof. L. Meredith, SFU, on **Marketing Determinants of U.S. Multi-national Corporate Penetration in Canada.** Penthouse, Angus Building.

12 noon INFLATION: FACING UP TO IT, a free noon-hour series sponsored by the Centre for Continuing Education. This week Dr. Peter Chinloy, Economics, UBC, on **Wage and Price Controls: Are They the Answer?** Auditorium, Robson Square Media Centre, 800 Hornby St.

12:30 p.m. WEDNESDAY NOON-HOUR CONCERT. Jane Coop, piano; John Loban, violin; and Eric Wilson, cello, perform **Music of Mendelssohn and Haydn.** Recital Hall, Music Building.

3:30 p.m. STATISTICS WORKSHOP. Dr. George H. Weiss, National Institute of Health, Bethesda, Md., on **Adaptive Sampling for Clinical Trials.** Room 240, Geography Building.

ENGLISH COLLOQUIUM SERIES. Prof. Marc Beach, English, UBC, on **Planning Novels: Some Tactics and Strategies.** Penthouse, Buchanan Building.

ECONOMICS THEORY SEMINAR. Hugh Neary on **Long-Run Membership Adjustment in Labour-Managed Firms.** Room 351, Brock Hall.

CHEMICAL ENGINEERING SEMINAR. V. Meenakshi on **Anodic Oxidation of Coal-Processing Effluent.** Room 206, Chemical Engineering Building.

4:00 p.m. ANIMAL RESOURCE ECOLOGY SEMINAR. Dr. Thomas G. Northcote, Institute of Animal Resource Ecology, UBC, on **Meddling With Migrations: Frustrations of A Long Experimental Affair.** Room 52, Hut B-2.

4:30 p.m. ENGLISH READING by Swedish authors. Per Olov Enquist on **Night of the Tribades;** Tobias Berggren and Agneta Pleijel on **Recent Poetry and Prose.** Salon B, Faculty Club.

WEDNESDAY, NOV. 12 (Continued)

7:00 p.m. Second of five television dialogues on the topic **Jews and Christians: Past, Present and Future** by Prof. William Nicholls and Dr. Moshe Amon, both of the Department of Religious Studies, UBC. The series will explore Christian-Jewish relationships through the ages. Repeated on Thursday, Nov. 13, at 1 p.m. Channel 10, Vancouver Cablevision.

7:30 p.m. WEST COAST ART SHOW sponsored by the Vancouver Alumni Panhellenic Association opens and continues on Nov. 13 until 10:30 p.m. each day. Part of the money realized from the sale of paintings in the show will be used to repay loan for repair of Panhellenic House on the UBC campus. Admission \$3. University Club, 1021 W. Hastings St.

8:00 p.m. SENATE MEETING. A limited number of tickets for the observers' gallery are available and must be applied for at least 24 hours in advance of the meeting. Call Frances Medley, clerk to Senate, 228-2951. Senate meets in the Board and Senate Room, Old Administration Building.

MACKAY LECTURE SERIES. Prof. Alfred Jahn, Geographical Institute, Wroclaw University, Poland, on **Experimental Observations of Periglacial Landforms in the Eurasian Arctic.** Room 100, Geography Building.

THURSDAY, NOV. 13

9:00 a.m. PSYCHIATRY PRESENTATION. Dr. I.F. Brockington, Illinois Mental Health Institutes, Chicago, on **The Diagnosis and Care of Mothers With Psychiatric Illness Following Childbirth.** Lecture Theatre, Psychiatric Unit, Health Sciences Centre.

MEDICAL GRAND ROUNDS. Dr. D.C. Morris, Radiology, VGH; Dr. R.A. Sutton, Medicine, VGH; and Dr. M.D. Whitaker, Medicine, VGH, on **The Usefulness of the Technique of Percutaneous Angioplasty.** Lecture Hall B, Vancouver General Hospital.

12:30 p.m. CO-OP ENGINEERING AND FORESTRY Meeting. Room 310, Computer Science Building.

WOMEN'S STUDIES PROGRAM Visiting Speakers Series. Dr. Barbara Monter, Slavonic Studies, UBC, on **The Real Russian Heroine.** Room 202, Buchanan Building.

ASIAN STUDIES presents a lecture/demonstration of classical dance of India by Ms. Canna Patel. Room 102, Lasserre Building.

UNIVERSITY LECTURE (Distinguished Visitors Program). Robert S. Fitzgerald, Professor Emeritus, Harvard, on **A Translator's Homer.** Room 100, Buchanan Building.

B.C. MENTAL RETARDATION INSTITUTE Series on Sharing the Experience. The third in a series of four films is **June.** Lecture Hall 6, Woodward Instructional Resources Centre.

UNIVERSITY SINGERS with director James Schell perform **Music of Byrd, Brahms and Nystedt.** Recital Hall, Music Building.

INDUSTRIAL RELATIONS MANAGEMENT Seminar. Prof. Carolyn Smart, and Prof. Ilan Vertinsky, Commerce, UBC, on **Strategic Responses to Organizational Environments.** Penthouse, Angus Building.

EXPLORING THE NATURE OF EVIL Lecture Series. Joe Richardson, Religious Studies, UBC, on **A Hindu Perspective.** Room 215, Student Union Building.

2:30 p.m. PHYSICS CONDENSED MATTER SEMINAR. Birger Bergersen, UBC, on **The Impurity Band in the Atomic Limit.** Room 318, Hennings Building.

3:30 p.m. APPLIED MATHEMATICS COLLOQUIUM. Dr. George H. Weiss, National Institute of Health, Bethesda, Md., on **What Is a Mathematician Doing at NIH?** Room 205, Mathematics Building.

4:00 p.m. PHYSICS COLLOQUIUM. Prof. N. Kurti, Oxford University, on **Cailletet, Clifton, Helmholtz, Lindemann, Pictet, Simon . . . Physics in Oxford and in Other Places.** Room 201, Hennings Building.

7:00 p.m. SUBFILMS presents **All That Jazz.** Continues until Nov. 16. Showings at 7:00 p.m. Thursday, 7:00 and 9:30 p.m. Friday and Saturday, 7:00 p.m. Sunday. Admission is \$1. Auditorium, Student Union Building.

8:00 p.m. CENTRE FOR CONTINUING EDUCATION Lecture Series on The World As A Machine: Science and Human Values. Dr. Charles Ungerleider, Education, UBC, on **The IQ Game.** Room 202, Buchanan Building.

FRIDAY, NOV. 14

10:30 a.m. MEDIEVAL WORKSHOP on Vergil In The Middle Ages. Registration in the Faculty Club. For information, call Dr. M. Chiarenza, 228-4049 or 228-2268.

12:30 a.m. DEVELOPMENTAL MEDICINE SEMINAR. Dr. J. Levy, Microbiology, UBC, on **Immunological Methods for the Detection of Tumour Antigens and the Possible Applications of These Techniques.** First Floor, Willow Pavilion Lecture Hall, Vancouver General Hospital.

STAGE BAND with director Gary Guthman perform. Recital Hall, Music Building.

FRENCH/LINGUISTICS LECTURE. Prof. Jurgen Klausenburger, Linguistics, University of Washington, Seattle, on **French Morphology: Word Boundary Processes—A Generative View of Liaison, Elision.** Room 826, Buchanan Tower.

LEON & THEA KOERNER FOUNDATION Lecture, sponsored by the University Lectures Committee. Prof. Robert Hollander, chairman, **Comparative Literature, Princeton University, on Dante's Vergil: Tragedy in the Comedy.** Room 104, Buchanan Building.

1:00 p.m. MEDICAL GENETICS SEMINAR. Dr. J.R. Miller, on **Animal Models For Genetic Diseases.** Fourth Floor Conference Room, Health Centre for Children, Vancouver General Hospital.

FRIDAY, NOV. 14 (Continued)

2:30 p.m. OCEANOGRAPHY SEMINAR. Dr. Robert Given, Institute for Marine and Coastal Studies, University of Southern California, L.A., on **Western Regional Undersea Laboratory (WRUL) Saturation Diving Facility—Applications for Research.** Room 1465, Biological Sciences Building.

3:30 p.m. FRENCH/LINGUISTICS COLLOQUIUM. Dr. Jurgen Klausenburger, Linguistics, University of Washington, Seattle, on **The Central Role of Morphology.** Room 2225, Buchanan Building.

3:45 p.m. APPLIED MATHEMATICS COLLOQUIUM. Triantaphyllos R. Akylas, Mathematics, M.I.T., Cambridge, Massachusetts, on **Direct Resonance In Nonlinear Waves.** Room 1100, Mathematics Annex.

7:00 p.m. FACULTY WOMEN'S CLUB. Vancouver Alderman Harry Rankin will speak on **Wills and Estates.** Admission is \$2.50, which includes wine and cheese afterwards. Seating is limited. For reservations, call 738-6152 or 261-9007. Guests are welcome. New Courthouse Complex.

8:00 p.m. ICE HOCKEY. UBC Thunderbirds meet the University of Alberta. Thunderbird Winter Sports Centre.

UNIVERSITY SINGERS with director James Schell perform **Music of Byrd, Brahms and Nystedt.** Recital Hall, Music Building.

SATURDAY, NOV. 15

9:30 a.m. MEDIEVAL WORKSHOP on Vergil In The Middle Ages. Room 102, Lasserre Building. For further information, call Dr. M. Chiarenza, 228-4049 or 228-2268.

11:30 a.m. POETRY READING (Distinguished Visitors Program). Robert S. Fitzgerald, on **Readings From A New Translation of the Aeneid.** Room 102, Lasserre Building.

8:00 p.m. ICE HOCKEY. UBC Thunderbirds play the University of Alberta. Thunderbird Winter Sports Centre.

FOOD SERVICES HOURS

All University food services will be closed on Tuesday Nov. 11. Student Union Building Snack Bar will close at 7 p.m. on Nov. 10.

FREDERIC WOOD THEATRE

Thornton Wilder's **The Skin of Our Teeth** continues until Saturday, Nov. 15 (except Sunday) at Frederic Wood Theatre. Admission is \$5.50; \$3 for students. For information and reservations, call 228-2678, or visit Room 207 of the Frederic Wood Theatre building.

NITOBE GARDEN HOURS

After Nov. 10: Weekdays - 10 a.m. to 3 p.m. Closed weekends.

DENTAL HEALTH KIT

A kit containing dental health education materials for kindergarten to grade three pupils is available for loan. For information, call Karin Sipko, 228-3228.

COMPUTING EQUIPMENT DISPLAY

Digital Equipment of Canada Ltd. presents a demonstration and display on Monday, Nov. 10, from 11 a.m. to 5 p.m. Room 205, Student Union Building.

BROCK HALL HOURS

Brock Hall is now open from 7:30 a.m. to 10:00 p.m. seven days a week. The Women Student's Lounge is open from 8:00 a.m. to 10:00 p.m.

STUDENT INTERNATIONAL EXCHANGE

Third- and fourth-year Engineering, Forestry, Agricultural Sciences and Science students are invited to apply for I.A.E.S.T.E. — International Association for the Exchange of Students for Technical Experience. For information, call 228-3022, or visit the Co-op/Internship Office in Room 215 of Brock Hall.

SKATING LESSONS

UBC's Community Sport Services offers the following classes: Basic and elementary skating classes for children and adults. Eight Saturdays beginning Nov. 29. Adult hockey skill development classes. Eight Thursdays (evenings) beginning Dec. 4. For further information and brochures, call 228-3688.

FACULTY LIBRARY GUIDE

The 1980/81 edition of the Faculty Library Guide is available at the Main Library. Phone Information and Orientation Division, 228-2076, to have a copy mailed to you or ask for one at the Circulation Division, Main Library.

STATISTICAL CONSULTING SERVICE

The Institute of Applied Mathematics and Statistics offers a free statistical consulting service to UBC faculty and students for academic projects. For information, call Dr. J.V. Zidek, 228-2479, or Dr. F.P. Glick, 228-6621.

PSYCHOLOGY EXPERIMENTS

We need right-handed male volunteers to participate in experiments on verbal memory. The study takes about one hour to complete and includes filling out a questionnaire package. Subjects will be paid \$5 and complete feedback will be provided. For information, call Jeff or Sandy at the UBC Psychophysiology Lab at 228-2756.

MUSEUM OF ANTHROPOLOGY

STUDENT EXHIBITIONS: Contemporary Salish Weaving: Continuity and Change; Kwagiutl Graphics: Tradition in a New Medium; West Coast Graphics: Images of Change; Bent Boxes. All exhibits continue until Jan. 3, 1981.

TEMPORARY EXHIBITIONS: Salish Art: Visions of Power, Symbols of Wealth. Continues until April, 1981.

FREE IDENTIFICATION CLINICS:

Bring your collectibles to the Museum and staff will help you with identification. Nov. 25, 6-8 p.m.

SNAKE IN THE GRASS MOVING THEATRE:

Clowns Garbanzo and Koko give Sunday performances until Dec. 7 at 2:30 p.m. Free with Museum admission.

