



# President cracks down, padlocks EUS office

The Engineering Undergraduate Society has been locked out of its headquarters on the orders of President Douglas Kenny because of the contents of the "Red Rag," the annual engineers' newspaper which makes its appearance during Engineering Week.

The EUS headquarters in the so-called "Cheez factory," an old wooden building in the midst of the Applied

Science complex on the Main Mall, was padlocked over the weekend.

The building, once used by the Faculty of Agricultural Sciences to manufacture cheese, will remain closed indefinitely, President Kenny said.

President Kenny said he concurred with the view expressed by applied science Dean Martin Wedepohl in a Feb. 25 public letter to all UBC

engineering students that the 1982 edition of the Red Rag was sexist, racist and approves of and advocates cruel violence.

The president said his decision to close the EUS headquarters was "an accumulation of many things," and was not solely based on the appearance of the 1982 Red Rag.

He said he had taken into account a statement by the EUS executive in

March, 1980, which had outlined the society's future activities, including redirection of publication efforts toward more "professional publications," including the re-establishment of the "UBC Engineer."

The same statement said the Lady Godiva ride would not in future take place "in its present form."

The ride continued in 1981 and 1982 without any substantial change in format.

## Search committee formed

A 24-member committee established by the Board of Governors in December to advise on candidates to succeed Dr. Douglas T. Kenny as president of the University has now been fully constituted.

The committee is empowered to adopt criteria to guide it in the selection of presidential candidates and to recommend a short list of candidates to the staff committee of the Board. The staff committee, in turn, will make its recommendations to the full Board, which has responsibility for the appointment of the president under the *University Act*.

When Dr. Kenny steps down as UBC's seventh president on June 30, 1983, he will have completed 39 years of association with UBC as student, teacher, researcher and administrator. He plans to return to the department he once headed — psychology — to take up again his career as a teacher and researcher.

The committee structure approved by the Board in December includes representatives of components of the

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See **COMMITTEE**

## Kane decision

President Kenny announced Tuesday that, in accordance with the terms of the award of the Hearing Committee established under the Agreement on Conditions of Appointment for Faculty and composed of two faculty members from the University of British Columbia and one from the University of Alberta, he has suspended Dr. Julius Kane without salary and benefits for a period of eighteen months starting on March 1, 1982, and ending on August 31, 1983.

President Kenny stated that further comments on this matter would not be made until the University has reviewed the award.



Among the 19 Social Credit MLAs who visited the UBC campus Feb. 24 was attorney-general Allan Williams, shown in animated conversation at luncheon in Place Vanier Residence, kickoff event in an afternoon of activities that included a series of informational seminars held in the new Asian Centre, a meeting with President Douglas Kenny and an Alumni Association-sponsored reception at Cecil Green Park. Mr. Williams was one of five cabinet members in the visiting group.

# One system, not 3 universities: Gibson

"We are looking at the whole thing as a system, not as three universities."

The words are those of Dr. Bill Gibson, chairman of the Universities Council of British Columbia. He was talking about the restraint program announced Feb. 18 by Premier Bennett.

Dr. Gibson was emphatic that an increase of 12 per cent in the provincial government operating grant for the three provincial universities is the most that can be expected.

"And it might be only 10 per cent,

with some exceptions," he said.

The UCBC chairman said his office has been working with representatives from UBC, Simon Fraser and the University of Victoria on a financing formula for the universities, a method by which the provincial allocation should be divided among the three institutions.

The formula used for the past three years has expired, and Dr. Gibson said modifications now being negotiated will be applied this year.

He said funding will not be so

rigidly tied to enrolment increases,

and each university will be paid for work done.

"We don't have three groups of taxpayers, we have one group," said Dr. Gibson. "We are looking at the whole thing as a system, not as three universities, and there will be no sanctioning of duplication or triplication.

"There will be no money to support

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See **FUNDING**

# UBC residence rates increased

UBC's Board of Governors has approved increases ranging from 15 to 20 per cent in rental and room-and-board rates for students living in single and family housing on the campus.

The new rates reflect increased operating costs resulting from increases in the price of food and higher labor costs.

The increases were discussed and approved by student associations in each of the residence complexes. Room rates also include residence association fees of \$5, levied for the support of activities in each of the single-student residence complexes.

Effective May 1, rates in the Walter

Gage Residence, where room only is provided, will increase by 16 per cent for term fees of \$1,568.91 in high-rise units and \$1,655.67 for shared suites in adjacent low-rise units.

In the Totem Park and Place Vanier units, where room and board is provided, daily meal rates will increase by 15.3 per cent from \$5.20 to \$6 and room rates will increase by 16 per cent.

The increases will result in room-and-board rates in Totem Park ranging from \$2,491.16 per person for a double room to \$3,018.95 for a senior single room in the Dene and Nootka Houses in the same complex.

Rates in Place Vanier will range from \$2,522.49 per person in a double room to \$2,970.75 for a senior single room.

Monthly rents in Acadia Camp, made up of converted army huts, will increase 20 per cent, effective Sept. 1. Rents in the camp under the new rates will vary from a low of \$82 per month to \$344.

Monthly rates in Acadia Park will increase Sept. 1 by 16 per cent for 100 apartments in a high-rise unit and by 15 per cent in 175 townhouses and 21 units on President's Row. New faculty members renting accommodation in Acadia Park will pay a \$300 surcharge, effective Sept. 1.

UBC housing is operated as an ancillary enterprise with rents paying for operating costs. Some single-student accommodation is used to house conference delegates in the off-season, with profits subsidizing student rental rates.

## Committee

*continued from page 1*

University community and has essentially the same structure as the advisory committees which recommended the appointments of the late Dr. Walter Gage as president in 1969 and that of Dr. Kenny in 1974.

The Board agreed to a suggested change in the committee structure as the result of a Senate recommendation that the current president of the UBC Faculty Association, Charles Culling, be added to the committee.

Following are the committee's membership categories and the names of those elected or appointed.

Committee chairman — Hon. J.V. Clyne, UBC's chancellor.

Four members of the Board appointed by the chairman — Allan R. Crawford, Alan F. Pierce, Gerald H.D. Hobbs and Joy McCusker.

Three members elected by the University Senate — William M. Keenlyside, a senator elected by Convocation; Prof. G.E. Scudder, head of the Department of Zoology; and Prof. Peter Suedfeld, head of the Department of Psychology.

Four members of faculty, elected by the Joint Faculties — Dr. A. Jean Elder of the Department of History, Prof. Penny Gouldstone of the Faculty of Education, Prof. Gideon Rosenbluth of the Department of Economics and Dr. Richard Spencer

of the Department of Civil Engineering.

Three deans, chosen by the Committee for Academic Deans — Daniel R. Birch, Education; Bernard E. Riedel, Pharmaceutical Sciences; and Robert M. Will, Arts.

Four students, one a member of the AMS executive — Cliff Stewart, AMS vice-president, Faculty of Applied Science; two undergraduates chosen by the Students' Council — Francis Janes, Faculty of Applied Science; and Linda Wallbaum, Faculty of Arts; one graduate student chosen by the Graduate Student Association — Yvonne Hebert, a graduate student in linguistics.

Three members of the Alumni Association — Grant Burnyeat, Dr. Harold Halvorson and Patricia Fulton.

One member of the Non-Academic Administration appointed by the chairman of the Board — William White, UBC vice-president and bursar.

The current head of the UBC Faculty Association, who shall continue to serve during the life of the advisory committee — Charles Culling of the Department of Pathology.

At the time the committee structure was announced, Board chairman Dr. Leslie Peterson, Q.C., said that while the criteria for the selection of a new president would be a matter for the committee to consider, the Board wished to appoint a Canadian who is highly regarded in his or her own academic discipline.

## Blue ribbon for UBC at garden show

The UBC Botanical Garden exhibit at the Vancouver Home and Garden Show has been awarded a blue ribbon as the best display in the large exhibit category.

The exhibit was designed by horticulturist Margaret Walline. The centerpiece is a glass greenhouse, surrounded by four cedar shade houses. Other components are a small raised vegetable garden, a herb garden and a staggering variety of bulbs, flowering shrubs, vegetables and house plants.

UBC horticulturists and botanical garden staff members are also giving public talks during the show, which continues through Sunday, March 7 at the Pacific National Exhibition grounds. The UBC exhibit is in the Rollerland Building.

## Funding

*continued from page 1*

offerings that aren't first class."

The UCBC head recalled the expression 'We shall have less money, so we must think harder' and said that all three universities "have reached a real day of reckoning."

Dr. Gibson said the total grant to the Universities Council for distribution to the universities should be known by mid-April, although no firm date has been set yet for the opening of the spring session of the B.C. legislature.

UBC's president, Dr. Douglas Kenny, expressed similar views earlier in February, during a meeting with senior editorial staff of the *Vancouver Sun*.

He said that the Universities Council had failed to rationalize the delivery of educational programs, and called for talks among the three universities, UCBC and the provincial government.

Meanwhile, Dr. Kenny agreed with Dr. Gibson that 12 per cent is the "absolute maximum" that UBC can expect in the way of an operating grant increase this year.

Dr. Kenny said UBC must have an interim budget in place by the beginning of the fiscal year, April 1, even though the amount of the operating grant won't be known by then.

"Everything would be much simpler, and money could be spent more wisely, if the provincial government would get together with the universities and agree to a set of publicly accepted objectives for the university system and a level of government funding that may be expected for the attainment of that objective," he said.

# Language development linked to criminal behavior

Impulsive behavior, inability to foresee the outcome of actions, and difficulty in planning and problem solving are common behavior patterns for people with cognitive disorders related to poor language development.

Prof. Peggy Koopman of UBC's education faculty believes that these behaviors may be the root, in some instances, of criminal acts. She is involved in a research project which explores the relationship between language development and criminal behavior.

"I'm carrying out a study with 300 prisoners in penitentiaries across Canada to locate people who exhibit a lack of language development originating from specific process disorders," says Prof. Koopman. "Once these individuals have been identified, rehabilitation programs based on an educational model can be set up to correct the disorders."

According to Prof. Koopman, people with a low level of language

development have difficulty comprehending complex thoughts. "They don't see relationships between events in a sequence," she says.

"Therefore they tend not to inhibit their behavior because they don't foresee what their actions will lead to."

Prof. Koopman will be selecting prisoners for her research by talking with prison wardens, psychologists, educational personnel and the prisoners themselves. She is looking for individuals whose learning achievements either academically or on-the-job have not reached an expected level.

Once she has chosen the men and women for her study, Prof. Koopman will administer tests to measure their language structure in three situations: during spontaneous verbal interaction, during an elicited response — when the individual is asked to tell a story about a picture, and in a written paragraph. Tests that measure cognitive ability (i.e. analytic thinking

and problem solving) will also be given. The results will demonstrate the nature and extent of the relationship between the two sets of measures.

"The prisoners in the pilot studies we've done have been very co-operative," says Prof. Koopman. "They're interested in learning about themselves, especially if they think something is wrong that can be corrected. After we analyze each person's test results we speak to them individually for their own information."

When all the data from the study have been analyzed, the results will be used to support the recommendation to develop a rehabilitation program. "It is possible to alter cognitive functions in a dramatic and profound way in adults," explains Prof. Koopman. "You can increase language competency if you take into account the origin of the problem. By correcting the disorder that's causing poor language development, you

eventually eliminate the behavior disorders that result from a lack of language competency.

"The study doesn't apply to everyone, of course, but there is a particular group of prisoners who we feel we can help through this type of educational rehabilitation."

Prof. Koopman is one of several researchers in various departments in the Faculty of Education who are carrying out studies that will serve as a basis for a new Program of Studies and Training in Corrections Education being established within the faculty. The studies are being funded by a grant by the Canadian Donner Foundation and by the Solicitor General's Office.

The program will serve as a centre for research in prison education and will train educators to work in correctional institutions.

# OPEN HOUSE AT UBC!

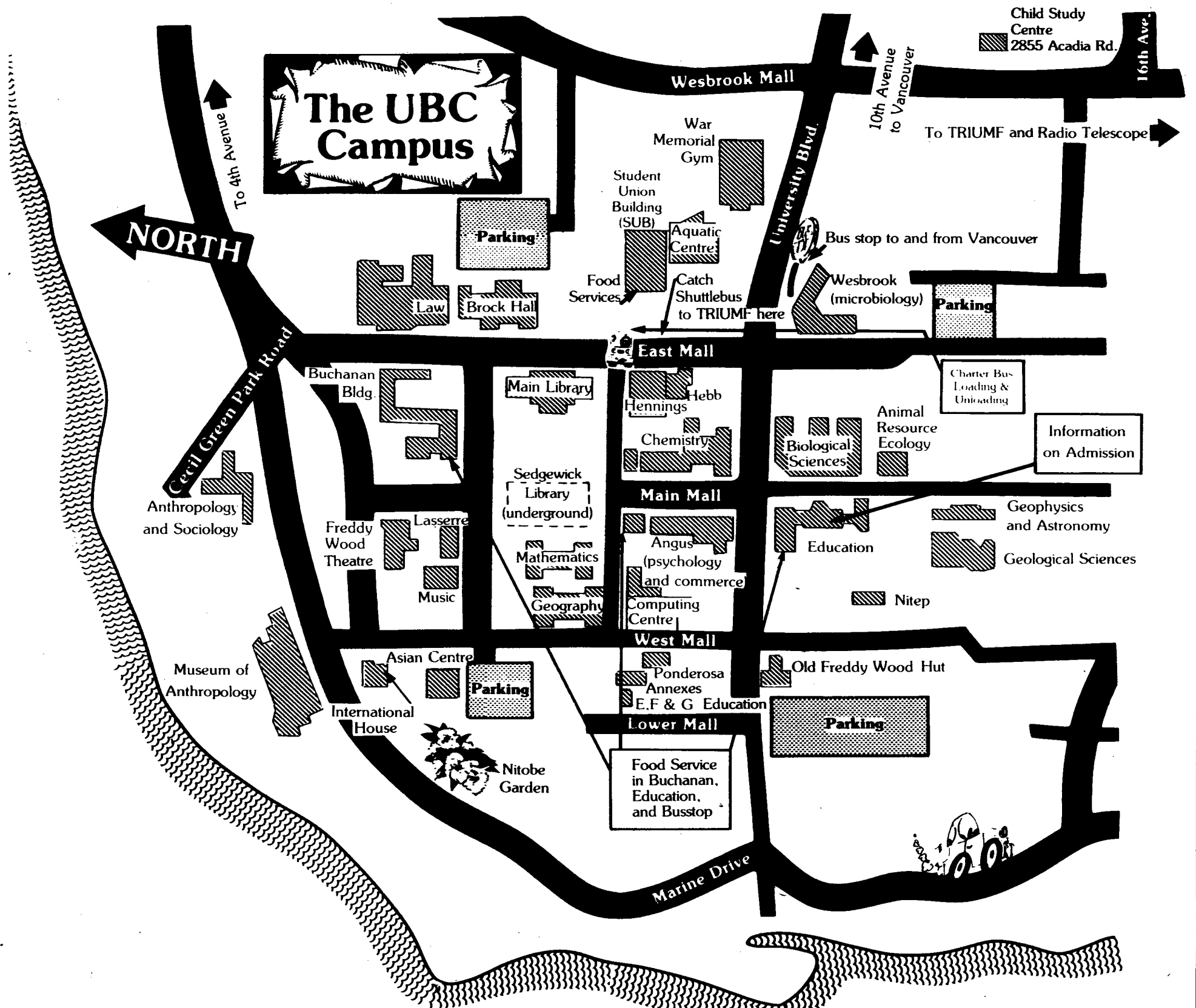
Friday, March 12 - 10 a.m. to 4 p.m.

Saturday, March 13 - 10 a.m. to 10 p.m.

Discover Your Future—

Recover Your Past

- Arts, Commerce & Business Administration, Education, Law, and Science are this year's hosts
- Mock trials, stock exchange, magic chemistry shows, live theatre and music performances, films, education by computer, fitness testing — and much more! See inside for details
- Museum of Anthropology open free of charge
- Bring your bathing suit — free swimming at UBC's Aquatic Centre both days
- Tour the new Asian Centre
- Plenty of free parking
- Check computer terminals around the campus for up-to-the-minute schedule of events



# ARTS

(★ indicates a performance or display at a specific time. Check detailed program when you get here.)

Displays and events in 12 buildings spread across the campus indicate how integral a part of university study the arts are. Among the displays in the

## BUCHANAN BUILDING:

- ★ Mini-lectures on aspects of the arts, social sciences and humanities. A continuous series of 10-minute talks will be given both days of Open House from 1:30 to 5 in Room 232. Detailed program in the main lobby

### Arts Computing —

- A computer program lets you ask questions about your own mortgage payments
- Through computer analysis you can identify an anonymous text by comparing with styles of known authors

### Classics —

- ★ The Classics Club presents scenes from *Philoctetes* — in Ancient Greek
- Working models of ancient machines and architecture
- Origins of words you've wondered about, all in Room 205

### Creative Writing —

- ★ Imaginative non-fiction workshop — Friday 1:30 to 3:30
- Playback of taped radio plays written by Creative Writing students. Friday, 10 till 4, and Saturday, 12 till 5. Room E480

### Economics — Room 102

- Try to solve the problems of unemployment, inflation, high interest rates by computer simulation. The solutions aren't simple!
- Economics research and teaching displays

### English —

- ★ Debating competition — Friday, 1:30 to 2:30. Room 202
- ★ The English Department Players present drama — Friday & Saturday, 2:30 to 3:30. Room 202
- Members of the department read aloud from their own work, and from the works of others — plays, poetry and novels
- Instant poem analysis — bring your puzzling poems to be analyzed or discussed by a panel
- Instant editing booth — bring your own writing to be edited
- Rare books, literary quizzes, famous diary entries for the 12th and 13th of March

### French —

- ★ Student skits. Room 214
- Test your knowledge of the francophone world with an electronic quiz
- Language lab demonstrations, ground floor
- Taste escargots and mustard, Friday noon

### Germanic Studies — Rooms 221-223

- Student radio plays — in German
- UBC students in Germany — a slide/videotape presentation
- Language lab demonstration and German students' club display

### Hispanic and Italian Studies —

- ★ Mexican mime show — Friday, 11:30 and Saturday, 2:30
- ★ Guitar concert — Friday at 3 and Saturday at 5:30
- Mini-lessons in Spanish pronunciation
- ★ Film *Al-Andaluz* Friday and Saturday, 11 to 11:30
- ★ Slide show on Spain and Latin America — Friday and Saturday, 12:30 to 2

### History —

- Try to identify puzzling artifacts on display — then check your guess against their true uses
- What happened in world events on the day you were born? See how you are part of history

### Linguistics — Room 228

- Make your own "voice print" using a sound spectrograph — then take it home. Room 370
- Dialects of Vancouver — see the differences

### Religious Studies —

- "Sacred Things". Room 204

### Slavonic Studies — Room 219

- The Polish "solidarity" movement explained
- Folk artifacts of Slavic people displayed along with accomplishments from the modern Slavic world

### Social Work —

- Talk with students and faculty. Room 214

### Women's Studies —

- "Why Women's Studies?" Lounge.

## MUSEUM OF ANTHROPOLOGY

Tour this magnificent building with its treasures from around the world and take advantage of the many scheduled events.

- ★ Clowns Koko and Garbanzo present a myth from the Haida Nation — Friday at 11:30 and Saturday at 1:30
- ★ Infra-Red: Revealing Long-Lost Images. 20th century technology applied to a 19th century Tsimshian house front — Friday at 11 and Saturday at 10:30
- ★ Guided gallery walk and behind-the-scenes tour — Friday at 1 and 3; Saturday at 11 and 1
- ★ The Cedar Tree: a hands-on visual presentation by Native Indian students — Friday at 2:30 and Saturday at 10:30 and 3:30

- All day, both days an Imagination Market! Junk beyond your wildest dreams that you can buy by the bagful

### Music in the Museum

- ★ The African Kings present "roots, rock and reggae in a rub-a-dub style" — Friday at 1:30 and Saturday at 9
- ★ A special Play Potlatch — Everyone is invited to participate as Kwagiutl artist Tony Hunt leads this special Northwest Coast Indian event — Saturday at 2:30 and 7:30

## ANTHROPOLOGY & SOCIOLOGY BUILDING

Stop by for coffee and doughnuts and

- Tour the small groups laboratory for experimental sociology
- Talk with anthropology/sociology graduate students and faculty

## ASIAN CENTRE

- ★ Tour the adjacent Nitobe Garden (part of UBC's Botanical Garden) and watch a Japanese tea ceremony demonstration — then join us for tea in the Asian Centre — Friday at 10:30 and 2:30; Saturday at 11 and 2:30. Meet at the entrance to the Garden
- ★ Performance of Chinese and Japanese music and plays
- ★ Music and dance of India, China and Japan
- Japanese flower arranging and bonsai exhibits
- Language tapes of Chinese, Japanese and Hindi
- ★ Japanese tea ceremony in the Asian Centre — Saturday at 8
- Chinese, Japanese and Indian food and tea available both days
- Art of Toni Onley and Geoffrey Smedley showing Japanese influence

## OLD FREDDY WOOD HUT

(See map p. 1)

- ★ Original one-act plays, Friday at 1, 2 and 3. Saturday at 12, 1, 2, 3 and 8-10.

## LASSERRE BUILDING

Fine Arts presents:

- "Image and Idea" — student art work showing the process by which the student becomes better able to control his imagery
- Open studio situations where students are working

## FINE ARTS GALLERY

(Basement of Main Library)

- "Maps of the Body" — a display of anatomical illustrations from the Middle Ages to the present

## SEDGEWICK LIBRARY

The School of Librarianship presents:

- ★ Puppet shows — six shows including *The Town Mouse* and *The Country Mouse* and *The Fisherman and His Wife* — Saturday 2 to 4

## GEOGRAPHY BUILDING

The Department of Geography offers:

- Vancouver — Energy, Pollution and Climate. Weather balloons floating over the Geography Building monitor temperature structure while displays in the building show influence of sea breeze and pollution, and how highrise buildings affect temperature and air flow
- Mental Maps — students' perceptions of Canada
- Planning Vancouver's Chinese garden
- Solar energy availability in Vancouver
- Satellite weather maps
- ★ Tours of the Nitobe Garden — meet at the Garden gate: Friday 10:30 and 2:30; Saturday 11:00 and 2:30

## MUSIC BUILDING

- "They laughed when I sat down to play" — mini-lessons on instruments of all kinds
- Concerts in the Recital Hall
- Listening competitions, with prizes

## FREDERIC WOOD THEATRE

Join the Theatre department for

- ★ Hourly tours of the theatre — backstage, scene shop, galleries, etc.
- ★ Filming session in the Dorothy Somerset Studio (west side of building)
- Hourly showing of student films
- King Lear: documents of a production

## BROCK HALL

- Film editing and animation. Talk to professional film makers — Friday

## ANGUS BUILDING

Psychology exhibits on the second floor, and basement laboratories

- The Hall of Illusion, an interactive display of visual perceptual illusions and phenomena
- A computerized "psychotherapist" which you can interact with
- Tour the sensory restriction chambers and immersion tank used in therapy
- Test your color vision ability
- Personality and biopsychology testing sessions
- Human development and human learning demonstrations



# EDUCATION

Most of the Faculty of Education displays will be in the Scarfe Building (marked Education on the map, p. 1). Additional displays are in annexes west of that building (see map).

## SCARFE BUILDING

The Scarfe Building, named after former dean of the education faculty Neville Scarfe, houses most of the classroom and office space where the teachers of tomorrow are trained. During Open House look for:

- Continuous showing of films on education — Room 100 — as well as information for prospective students in the main lounge

## Counselling Psychology —

- A closed circuit TV set up permits visitors to experience counselling and video taped feedback directly. Room 1005
- Displays and a slide show illustrate various aspects of the work of counsellors. Room 1004

## Educational Psychology and Special Education —

- Interactive computer displays so you can see how the computer has been adapted to learning and teaching
- Computerized testing
- Constructing a spelling test for hearing impaired and deaf students
- Are Canadian children brighter? See the distribution of IQ test scores display
- Education courses by satellite

## Mathematics and Science Education —

- "Science is Fun" show every half hour — Room 1207
- Chemistry, Physics, Earth Science, Biology and Environmental education — Rooms 1204, 1207 and 1210
- Elementary Science and Outdoor education — Room 1008
- Mathematics and Computer education — Rooms 1211 and 1214

## Social and Educational Studies —

- Films and displays on changing attitudes towards minority groups

## Education Research —

- Interacting with microcomputers. Try your business skills selling lemonade, or test your musical ability. Improve your typing speed or become a math whiz. These and other educational computer programs in the micro-lab, Room 1A, Scarfe Building
- Link up with UBC's main computer and try ELIZA, the computerized psychiatrist, or word mastermind. Terminal room 2F, Scarfe Building
- Live demonstration of TELIDON, the Canadian videotex system — Room 1006
- The history of calculating and display of microcomputer parts — Lecture Room 2

## Visual and Performing Arts —

- Music Education will perform in the main lounge of the Scarfe Building throughout Open House. Stage bands, jazz choirs, solo performances, duets, trios, brass and woodwind quartets, recorders, ukeleles, Orff and Kodaly demonstrations
- Art Education will display student work in drawing, painting, design, ceramics and graphics. Students will demonstrate techniques in some of these areas

## NITEP HUT

Located in Hut 0-26 west of the Scarfe Building, the Native Indian Teacher Education program trains native Indians to be teachers in the elementary and secondary schools. A half hour slide show at 3 p.m. each day shows aspects of the program and information will be available.

## PONDEROSA ANNEXES E, F & G for Education

Displays on language education, modern languages, school libraries, teaching home economics, business education, elementary education and early childhood education.



# COMMERCE & BUSINESS ADMINISTRATION

Centred in the Henry Angus Building, UBC's world of Commerce and Business Administration is one of the finest in Canada. During Open House look for:

- Stock Exchange — a simulated stock exchange will be set up with liaison with a downtown brokerage house. See how information flows at the stock exchange and brokerage houses. Experts will be on hand to explain
- Whistler Village and B.C. Place — what was the planning process behind these projects? Models of both are on display
- John Cleese of Monty Python fame gives tips on chairing meetings, interviews and decision making. Films shown every two hours beginning at 11 a.m.

## WAR MEMORIAL GYM

Physical Education presents:

- ★ Gymnastics display, 10 to 11:30 Friday and Saturday
- ★ Clinics on fencing, golf, indoor hockey, soccer — 11:30 to 2 Friday and 3:30 to 5:30 Saturday
- ★ Dance display, 2 to 3:30 both days
- ★ Sports Medicine, 1:30 to 2:30 in the Gym lobby both days
- ★ Intramural basketball playoffs Friday from 3:30 to 11 p.m.
- ★ BCVA Volleyball Championships Saturday from 6 till 11 p.m.

## BUCHANAN FITNESS AREA (in UBC's Aquatic Centre)

- ★ Elite Athlete Testing at 10:30 and 1:30 both days
- ★ Functional fitness testing demonstration at 11:30 and 2:30 both days

At Thunderbird Stadium Saturday at 7 see a soccer game between UBC and SFU!

## AQUATIC CENTRE

- ★ UBC diving team — Friday at 12:30 and Saturday at 7

# LAW

All events in the Curtis Law building

- ★ Panel discussion on careers in law — Friday 12:30 to 2 in Room 101-102
- ★ Mock trial. Law students will be both lawyers and witnesses and a jury will be chosen from members of the audience. Saturday 7 to 9 p.m. in the Moot Court Room
- ★ The Grand Moot. Four students have been chosen to argue a special legal issue before a panel of three judges. This exercise is something that every first and second year law student must do. Saturday at 2 p.m. in the Moot Court Room
- Displays on computer research, the Law Library, the Law Review, and a special display by the RCMP
- Panel discussion on police payments to persons accused of a crime. Saturday 12 noon — Room 101

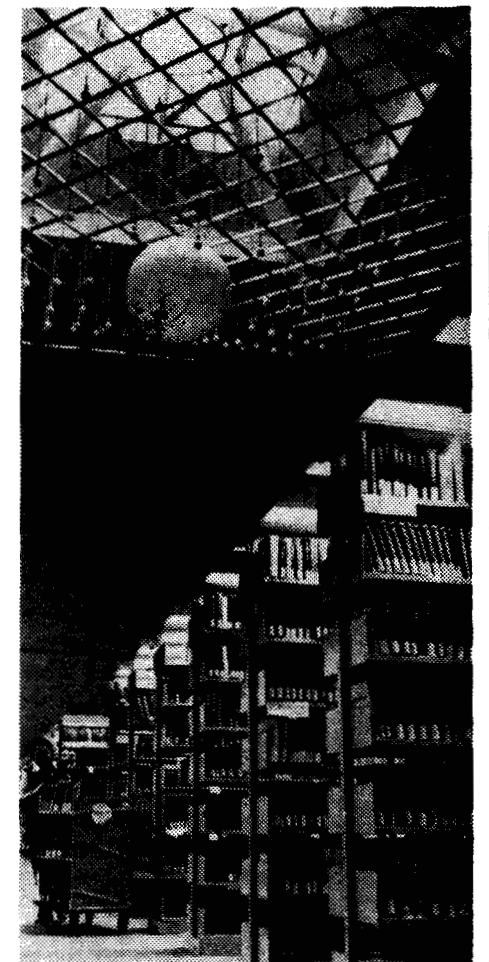
## UBC LIBRARIES

The Main Library and many of the 12 branch libraries are open. See displays in Special Collections and of Vancouver, past, present & future in the Main Library. Model of the proposed new Main Library in Sedgewick Library.

## INTERNATIONAL HOUSE

A meeting place on campus for students from other countries. Stop by for tea and coffee. International snacks will be served Saturday.

- ★ Costume show — Friday and Saturday at 3 p.m.
- ★ Performances and displays by students from other countries every hour on the hour — Friday noon till 4 p.m.; Saturday 11 a.m. till 8 p.m.



# SCIENCE

One of the cornerstones of the University, the Faculty of Science is on display for Open House in 13 buildings around the campus.

## BIOLOGICAL SCIENCES BUILDING

### Botany —

- Peer through a scanning electron microscope to see the intricate structure of a leaf surface, a pollen grain, or a tiny seaweed
- Watch living roots absorbing nutrients in experiments designed to understand and improve the efficiency of plant growth
- Some chemical compounds in plants are toxic in sunlight but not in the dark. Watch extracts of marigolds, for instance, zap bugs and bacteria
- See microscopic to monstrous seaweeds and their uses, from dentistry to shampoo to food. You can taste some if you dare
- Explore carnivorous and moving plants. Play with sensitive plants that wilt at your touch. Or win one to take home
- ★ Film "Forests and Vladimir Krajina" shown every two hours beginning 1 Friday, 11 Saturday. Room 2519



### Zoology —

- In the area of animal physiology displays on electric fish, insect vision and flight, how breakable are your bones?, diving physiology. Try cycling underwater to understand cycling efficiency — all in Rooms 2433 and 2434
- ★ What's wrong with creationism? Eighteen hourly lectures all day Friday and Saturday. Room 2000
- Squeeze a sea cucumber or wrestle an octopus. A sound spectrograph allows you to see your voice. Room 2455
- Talk with cancer researchers over coffee — Room 1345

## ANIMAL RESOURCE ECOLOGY BUILDING

- Zoology presents a computer game on how to manage B.C.'s salmon stocks. Try it
- Live snowshoe hares are part of a display on the ten-year cycle in Canada's North

## CHEMISTRY BUILDING

- ★ Enter this building off University Boulevard and start your exploration with the "Magic of Chemistry" show, starring 11 professors and a supporting cast of dozens. Levitations, Illuminations, Transformations. Every hour on the hour, alternately in Rooms 150 and 250
- Then follow the colored paths to see the magnetic atoms of living cells, the fingerprints of oil spills, breath analysis, the wizardry of glass blowing, the inside of crystals
- Visit the electronics and mechanical shops where the "black boxes" of Chemistry are made



### Oceanography —

- ★ Narrated slide show "Oceanographers at Sea" on the half hour throughout Open House
- See living marine plankton under microscope
- An aquarium exhibit shows how animals can communicate chemically with each other in the oceans
- Display of some of the instruments used to collect samples from the deep seafloor

## WESBROOK BUILDING

The Department of Microbiology explores microscopic organisms and their importance to society during Open House. Foyer, Room 100 and 103.

- See how genetic engineering, or cloning, is being used to redesign bacteria so that they can convert sawdust into alcohol
- See bacteria from your body on TV
- Isolate DNA
- Understand how the study of how the body reacts to cancer advances the diagnosis of the disease

## HENNINGS BUILDING

Physics opens up its research labs to visitors. See how pure research and practical applications of physics help one another.

- Research into plasma physics has produced the high intensity Vortek lamp, now being sold commercially. Four of them can light up Empire Stadium
- Research into new electrical storage systems holds great promise for new lightweight batteries of high energy density. Demonstration batteries are on display
- Low temperature physics uses liquid helium which boils at a temperature of 4 degrees above absolute zero
- ★ Black holes, the ultimate in astrophysical catastrophes, explained — Saturday at 2 p.m. in room 201

## HEBB THEATRE

Physics is using this theatre next door to the Hennings Building to present:

- ★ The Leidenfrost effect, explained and demonstrated when the lecturer dips his naked finger into boiling oil and emerges unscathed — Friday at 11 and 3; Saturday at 1 and 8

## TRIUMF

Tours of the TRIUMF cyclotron are held between 11 a.m. and 5 p.m. Friday and between 10 a.m. and 5 p.m. Saturday. Visitors can see the large magnet and target areas and the medical facility of the Cancer Institute. No parking at TRIUMF. Take the shuttlebus leaving from the Hebb building (see map p. 1). School groups can make appointments for Friday tours by phoning 228-4711.

## RADIO TELESCOPE

Located near TRIUMF (see map p. 1), this telescope detects radio signals coming from molecules in outer space. It's the only one in Canada capable of this. Come in the TRIUMF shuttlebus, or bring your car.

## COMPUTER SCIENCES BUILDING

- Visit the Laboratory for Computational Vision
- Self-guided tours of one of the largest computers in Canada
- Try running various demonstration programs in the student area and terminal room
- Scheduled demonstrations of advanced capabilities of the computer system

## GEOLOGICAL SCIENCES BUILDING & MUSEUM

- A geological field camp set up
- Scanning electron microscope and x-ray demonstrations of coin analysis
- Displays of coal & petroleum geology, fossils, air photo interpretation, rock dating and more

## GEOPHYSICS AND ASTRONOMY BUILDING

- Take a peek through UBC's new observatory — a 40 cm telescope is focussed on stars and planets, a 30 cm telescope shows flares and spots on the surface of the sun
- Maps and explanations of recent earthquake activity in B.C. Kids can create their own earthquakes on an actual seismometer system
- Daily stars machine — a computer-operated "star clock" programmed especially for Vancouver — allows you to move time forward or back to see when the moon will rise or when Aquarius will be overhead
- Tours of the mass spectrometry lab and astronomical instrumentation facility





## Oceanography Seminar.

Boundary Induced Eddies in the California Current System. Dr. Andrew Willmott, Naval Post Graduate School, Monterey, California. Room 1465, Biological Sciences Building. 3:30 p.m.

## Geological Sciences Seminar.

Tectonic Uplift of the Colorado Plateau. Dr. David Chapman, Geology and Geophysics, University of Utah. Room 330A, Geological Sciences Building. 3:30 p.m.

## Chemistry Seminar.

An Unusual Proximity Effect in Organic Heterocycles; the Evolution of a Seminar Topic. Prof. Ross Stewart, Chemistry, UBC. Room 126, Chemistry Building. 4:30 p.m.

## Gerontology Seminar.

Political Behavior and Consequences of Aging Populations. Dr. David Elkins, Political Science, UBC. Lecture Hall 3, Woodward Instructional Resources Centre. 7 p.m.

## Gee Wiz Computer Graphics.

Images that Fascinate the Eye and Astound the Viewer, will be presented during an evening screening of Computer Graphics. For information, call 228-2181, and ask for computer science. Lecture Hall 3, Woodward Instructional Resources Centre. 7:30 p.m.

## Botanical Garden Lecture.

UBC Friends of the Botanical Garden present Allen P. Paterson, director of the Royal Botanical Gardens, Hamilton, Ont., on The History of Garden Design. Speaker is the former director of the Chelsea Physic Garden, London, England. Admission by advance ticket purchase only (\$4, includes reception after lecture). Call 228-3928. Sherrington Room, Woodward Library 8 p.m.

## WEDNESDAY, MARCH 17

### Native Indian Student Union Lecture.

Introduction to the Museum: Look around the Museum. Madeline Rowan, UBC Museum of Anthropology. Theatre, Museum of Anthropology. 10 a.m.

### Native Indian Student Union Play.

Play Presentation: Developmental Drama by NITEP Students. Upper Lounge, International House. 11 a.m.

### Pharmacology Seminar.

Wolff-Parkinson-White Syndrome - Electrophysiology and Pharmacology. Dr. Charles R. Kerr, Cardiology, VGH. Room 114, Block C, Medical Sciences Building. 12 noon.

### Wednesday Noon-Hour Concert.

Music of Bach, Grieg and others played by UBC Chamber Strings with John Loban, leader. Recital Hall, Music Building. 12:30 p.m.

### Native Indian Student Union Presentation.

Native Indian Stories, Speeches and Songs by Coqualeetza Elders. Great Hall, Museum of Anthropology. 1 p.m.

### Native Indian Student Union Demonstration.

Wally Henry, Coqualeetza, and Native Indian students will demonstrate uses of cedar bark. Theatre, Museum of Anthropology. 3:30 p.m.

### Asian Studies Seminar.

Hoogen Monogatari as an Example of Heroic Literature in Japan. Dr. William R. Wilson. Room 604, Asian Centre. 3:30 p.m.

### Biochemistry Seminar.

Studies in Tumor Immunology. Dr. N.A. Mitchison, Terry Fox Visiting Professor, ICRF Tumor Immunology Unit, University College, London, England. Lecture Hall 5, Woodward Instructional Resources Centre. 3:30 p.m.

### Geophysics and Astronomy Seminar.

Geothermal Systems, Large and Small. Dr. David F. Chapman, Geology and Geophysics, University of Utah, Salt Lake City. Room 260, Geophysics and Astronomy Building. 4 p.m.

### Animal Resource Ecology Seminar.

Mutualism and Group Selection, Superorganisms and Economic Associations. Dr. David Sloan Wilson, Kellogg Biological Station, Michigan State University. Room 2449, Biological Sciences Building. 4:30 p.m.

### Biochemical Discussion Group Seminar.

Secretion and Organelle Assembly in Yeast. Dr. R. Scheckman, Biochemistry, University of California. Lecture Hall 5, Woodward Instructional Resources Centre. 4:30 p.m.

### Asian Studies Lecture.

Heroic Literature in Japan. Dr. William R. Wilson. Auditorium, Asian Centre. 7:30 p.m.

## THURSDAY, MARCH 18

### Health Research and Medical Advances in B.C.

This week's topic is Cancer. Speakers are Dr. N. Buskard, Dr. R. Nobel, Dr. J. Goldie, Dr. B. Kelly and Dr. H. Freeman. Arts, Science and Technology Centre, 600 Granville St. 12 noon.

### Architecture/Asian Research Lecture.

Chinese Architectural History II: Some Famous Ancient Buildings in Peking. Prof. Li Zai-Chen, Chongqing Architectural Engineering Institute, and visiting research associate, Architecture, UBC. Room 102, Lasserre Building. 12:30 p.m.

### Native Indian Student Union.

Maori Education in New Zealand. Peter Ramsay, Educator. Room 100, Scarfe Building. 12:30 p.m.

### Asian Research Seminar.

The Culture of Underdevelopment in South-East Asia. Prof. Charles F. Keyes, Anthropology, University of Washington. Room 604, Asian Centre. 12:30 p.m.

### UBC Trumpet Ensemble.

Diverse Music for Multiple Trumpets, directed by Martin Berinbaum. Recital Hall, Music Building. 12:30 p.m.

### Distinguished Visitors Program Slavonic Studies Lecture.

Invisible Power: Belyj and Kafka. Prof. Lubomir Dolezel, head, Slavic Languages and Literatures, University of Toronto. Room 100, Buchanan Building. 12:30 p.m.

### Native Indian Student Union Workshop.

Using the Museum as a Teaching Resource. Madeline Rowan, UBC Museum of Anthropology. Theatre, Museum of Anthropology. 2:15 p.m.

### Native Indian Student Union Workshop/Discussion.

Indian Education Concentrations for Prospective Teachers of Indian Children. Prof. Art Moore, director of Indian Education, UBC. Room 1328, Scarfe Building. 2:30 p.m.

### Condensed Matter Seminar.

Experimental Studies of Lithium Intercalation Systems. Jeff Dahn, UBC. Room 318, Hennings Building. 2:30 p.m.

### Native Indian Student Union Demonstration.

Wally Henry, Coqualeetza, and Native Indian students will demonstrate uses of cedar bark. Theatre, Museum of Anthropology. 3:30 p.m.

### Geological Sciences Seminar.

Tectonic Uplift of the Colorado Plateau. Dr. David Chapman, Geology and Geophysics, University of Utah. Room 330A, Geological Sciences Building. 3:30 p.m.

### Optimization Seminar.

Fast Fourier Transforms for Discontinuous Boundary-Value Problems. J. Jasiulek, SFU. Room 104, Mathematics Building. 3:30 p.m.

### UBC Collegium Musicum.

Renaissance and Baroque Music, co-directed by John Sawyer, Paul Douglas and John Chappell. Recital Hall, Music Building. 8 p.m.

### SUB Films.

Heavy Metal. Continues on Friday, March 19 and Saturday, March 20 at 7 and 9:30 p.m. and on Sunday, March 21 at 7 p.m. Auditorium, Student Union Building. 7 p.m.

## FRIDAY, MARCH 19

### Native Indian Student Union Workshop.

Using the Museum of Anthropology. Madeline Rowan, UBC Museum of Anthropology. Theatre, Museum of Anthropology. 9:30 a.m.

### Native Indian Student Union Curriculum Workshops.

The Okanagan, Sto:lo Siten and North Vancouver Native Indian Curriculum Projects. Lower Lounge, International House. 9:30 a.m.

## Audiology and Speech Sciences Lecture.

Genie: A Modern Day Wild Child. Prof. Susie Curtiss, Linguistics, UCLA. Sponsored by the Committee on Lectures. Room 102, Buchanan Building. 12:30 p.m.

## UBC Collegium Musicum.

Renaissance and Baroque Music. Co-directed by John Sawyer, Paul Douglas and John Chappell. Recital Hall, Music Building. 12:30 p.m.

## Native Indian Student Union.

Native Women in the Labor Force. Susan Tatoosh. Theatre, Museum of Anthropology. 1:30 p.m.

## Developmental Medicine Seminar.

Cyclic Nucleotides and Childhood Leukemia. Dr. J.P. Skala and I.A. MacLaren. First Floor Seminar Room, Willow Pavilion, VGH. 12:30 p.m.

## Medical Genetic Rounds: The Immune System.

Systemic Lupus/Erythematosis. Dr. A. Chalmers, Rheumatology, UBC. Fourth Floor Conference Room, Health Centre for Children, VGH. 1 p.m.

## Correctional Education Seminar.

University Education in Prison: Practical Aspects. Prof. Henry Hoekema and Dr. Ted Swain. For further information, call 228-5881. Room 3, Adult Education Research Centre, 5760 Toronto Road. 2 p.m.

## Distinguished Visitors Program Slavonic Studies Seminar.

The Conceptual System of Prague School Poetics. Prof. Lubomir Dolezel, head, Slavic Languages and Literatures, University of Toronto. Room 3233, Buchanan Building. 3 p.m.

## Audiology and Speech Sciences Seminar.

Dissociation between Language and Cognition. Prof. Susie Curtiss, Linguistics, UCLA. Sponsored by the Committee on Lectures. Room 2230, Buchanan Building. 3:30 p.m.

## Geological Sciences Seminar.

Geology of Tibet. Dr. A. Bally, Geology, Rice University. Room 330A, Geological Sciences Building. 3:30 p.m.

## UBC Opera Workshop.

An Evening of Opera. Music of Floyd, Rossini and Menotti, directed by French Tickner. Old Auditorium. 8 p.m.

## SATURDAY, MARCH 20

### UBC Opera Workshop.

An Evening of Opera, directed by French Tickner. Repeat program of March 19. Old Auditorium. 8 p.m.

## Notices . . .

### Frederic Wood Theatre

The Frederic Wood Theatre is presenting *The Tragedy of King Lear* by William Shakespeare, Wednesday, March 3 through Saturday, March 13 (except Sunday). Tickets are \$6; \$4 for students and seniors. Curtain time is 8 p.m. For ticket information, call 228-2678 or drop by Room 207 of the Frederic Wood Theatre Building.

### War Memorial Gym Hours

As of March 1, operating hours at the gym will be as follows: 8 a.m. to 11:30 p.m. Monday through Thursday; 8 a.m. to 10 p.m. Friday; 10 a.m. to 6 p.m. Saturday; and the gym is closed Sundays.

### Faculty Club Exhibition

*Mixed Media Works* by Audrey Capel Doray is on display at the Faculty Club until March 31.

## Volunteers Needed

Right-handed volunteer subjects needed for psychological studies on 1) tachistoscopic word recognition 2) EEG (brain wave) recording during tachistoscopic word recognition 3) EEG recording during the performance of video games. Pay is \$5 an hour. For information, call 228-2756 or go to Room 12 of the Angus Building.

## First Aid Training

A free, non-certifiable course in first aid and safety awareness is being offered on Wednesday, March 17 and Friday, March 26 from 12:30 to 4:30 p.m. in the UBC Aquatic Centre Conference Room. The course is recommended for departmental safety reps, employees associated with accident areas and graduate students working in labs. Reserve through Mary Irvine at 228-5811 before March 10.

## Photographic Exhibition

Twenty large (6 ft. by 6 ft.) color photographs by architect Arthur Erickson, showing indigenous housing in developing countries, are on permanent display in the lounge and the first and second floor hallways of the Civil and Mechanical Engineering Building.

## Bookstore Hours

The Bookstore will be closed on Thursday, April 1st and Friday, April 2nd for the purpose of taking annual inventory. Monday, March 29 will be the last day for accepting departmental requisitions.

## Ballet UBC Jazz

Ballet UBC Jazz students will perform on Saturday, March 6 at 8 p.m. in the partyroom of the Student Union Building.

## Semiotic Circle hopes to expand

The field of semiotics has grown rapidly in the last decade in Canada, the United States, France, Italy and the Soviet Union.

What, you ask, is semiotics?

It is the study of sign systems, and involves a variety of disciplines such as linguistics, literature, art and communications.

In January, 1980, an interdepartmental group at UBC founded the Vancouver Semiotic Circle. The group has since expanded to include members from Simon Fraser University and other local institutions.

Visiting scholars from Stanford and Oxford have addressed meetings of the Vancouver Semiotic Circle, along with UBC faculty members and local speakers.

Anyone interested is welcome to join the circle. There's a meeting coming up this spring. If you would like information, you can contact this year's co-ordinator, Dr. Graham Good of UBC's Department of English (228-4087) or Dr. Carlo Chiarenza, Hispanic and Italian Studies (228-4040).

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