

# Kane suspension appeal to be heard a second time

## UBC reports

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### Gears to turn over new leaf?

UBC's Engineering Undergraduate Society showed signs of turning over a new leaf last week in the wake of their 1980 Engineering Week shenanigans, which included the traditional Lady Godiva ride and publication of "The Red Rag".

On Friday (March 7), eight members of the incoming and outgoing EUS executive issued a public statement on "future EUS activities" after meeting for most of the afternoon with UBC's vice-president for faculty and student affairs, Prof. Erich Vogt.

The statement by the EUS executive members said that:

- Future publications efforts would be directed "toward more professional publications";

- The Godiva ride would not in future "take place in its present form" and that discussions would be pursued with the UBC administration "with a view to redirection of this event"; and

- The EUS will make efforts to "enhance its relationship with the University and the community through activities such as supporting next year's engineering Open House and supporting the development of the engineering program at UBC."

The meeting between the EUS executive members and Prof. Vogt came the day after UBC's president, Dr. Douglas Kenny, announced the appointment of a special sub-committee of the committee of deans "to examine the possibility of some kind of University action" against the engineers.

The president said he was disappointed the UBC engineers had once again offended a wide section of the community "by distributing a publication (The Red Rag) which is, to say the least, in extremely poor taste, and by conducting their so-called Lady Godiva ride."

The engineers have been repeatedly warned against this kind of action, the president said, and have elected to ignore the warnings.

President Kenny has asked Dean Applied Science faculty, to consult with

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See ENGINEERS



Photo by Jim Banham

Team of second-year UBC Law students, Mark Tweedy, left, Geoff Thompson, standing, and Chris Thomas will be in Washington, D.C., April 16-19 for the international finals of the Jessup International Law Moot Court Competition. UBC team was named Canadian representative to the annual event after competing with teams from 13 other law schools in New Brunswick Feb. 29-March 1. Victory by the UBC team marked the first time in the seven-year history of the Canadian competition that the University of Toronto entry hasn't won the honor of representing Canada. Students had to appear before a panel of three judges, including two from Canada's Supreme Court, four times to argue both sides of a fictitious case involving the law relating to outer space and liability for damage caused by spacecraft. Same question will be argued at the April finals of the competition, which is named for a U.S. judge who formerly sat on the International Court of Justice.

### Dates set for TA vote

Teaching assistants at UBC will vote March 20 and 21 on union certification, with balloting to be conducted and supervised by the provincial department of labor.

Graduate teaching assistants and those undergraduate academic assistants who have tutoring or marking responsibilities will vote in Room 164 of the Buchanan Building. The poll will be open from 9:30 a.m. to 4:30 p.m.

Bob Grant, director of Em-

ployee Relations, said more than 1,000 persons would be eligible to vote, with a simple majority needed for certification as local 2278 of the Canadian Union of Public Employees (CUPE).

He said notices about the voting are expected this week from the department of labor and would be posted across the campus. It then would be the responsibility of individual teaching assistants and markers to appear at Buchanan 164 on March 20 or 21 to mark a ballot.

UBC's Board of Governors will be required to hear for a second time an appeal from Prof. Julius Kane of the Faculty of Science against a three-month suspension without pay imposed by President Douglas Kenny in April, 1977.

This is the effect of a decision last week by the Supreme Court of Canada, which reversed a decision of the B.C. Supreme Court and quashed a Board of Governors resolution which dismissed the appeal by Prof. Kane against the suspension imposed by President Kenny.

The result of the Supreme Court decision is that the UBC Board of Governors has not yet legally disposed of Prof. Kane's appeal against the suspension and must hear it again.

Meanwhile, President Kenny's suspension of Prof. Kane, which was not an issue in the courts, still stands.

President Kenny's suspension of Prof. Kane, a member of the Department of Zoology and the Institute of Animal Ecology, was imposed on the grounds that he had made improper use of UBC's computer and his National Research Council grant.

Prof. Kane's appeal to the Board of Governors pursuant to the Universities Act against the suspension was dismissed by resolution of the Board after it had heard Prof. Kane and his counsel.

Prof. Kane thereupon petitioned the Supreme Court of B.C. for an order that this Board resolution be quashed, that is, that it was legally invalid and thus of no effect. The ground for the petition was that President Kenny's continued presence at the Board during its deliberations on the matter after Prof. Kane and his lawyer had withdrawn, was a violation of the principle of natural justice that no man could be a judge in his own case.

The B.C. Supreme Court and the B.C. Court of Appeal rejected Prof. Kane's petition, finding that the Universities Act expressly authorized the president's presence since it provided that the president is a member of the Board of Governors "and shall attend its regular meetings".

Prof. Kane then appealed to the Supreme Court of Canada, which has now allowed his appeal, reversing the decision of the lower courts and quashing the Board's resolution dismissing Prof. Kane's appeal.

In doing so, the court said that it did not find it necessary to deal with the argument about the president's presence at the Board's deliberations; it rested its decision on the narrower ground that the Board had put some questions to the president in the course of its deliberations and in response the president had provided the Board with some facts relating to the suspension.

In the Court's view, this was hearing further evidence from one party to a dispute in the absence of the other and was thus improper.

## Health sciences ready for Open House 1980

"Tomorrow's Health Care Today."

That's the theme of UBC's 1980 Open House on Friday and Saturday, which this year focuses on the health sciences.

The two-day event gets underway officially on Friday (March 14) at 9 a.m., when Dr. Patrick McGeer, B.C.'s minister of universities, science and communications, is guest speaker at a brief opening ceremony in the Woodward Instructional Resources Centre.

Open House hours on Friday are 9 a.m. to 3 p.m. and on Saturday from 10 a.m. to 10 p.m.

Here are some of the highlights:

- The Anik B satellite will beam Open House events to regional colleges and cable systems in the B.C. Interior to demonstrate the use of satellite communications in health care.

- Visitors will get a sneak preview of the 240-bed Walter Koerner Acute Care Unit, which

will admit its first patients this summer. Other UBC hospital units — the Psychiatric Unit and the Harry Purdy Extended Care Unit — will also be open for inspection.

- Health sciences faculty members and students will mount dozens of displays in the Woodward IRC, the Macdonald Dentistry Building and the Cunningham Building for Pharmaceutical Sciences.

- Some of UBC's top teachers and researchers will give 18 mini-lectures on health topics on Friday and Saturday in Woodward IRC.

This issue of *UBC Reports* includes a four-page insert which provides more detailed information on Open House events.

Chairman of this year's Open House is Prof. C.F.A. Culling of the Department of Pathology. Vice-chairman is Dr. Sidney Katz of the Faculty of Pharmaceutical Sciences.

Other members of the organizing committee are:

Mr. Paul Nerland, director of the Division of Business Administration in the Office of the Coordinator of Health Sciences; Dr. C.O. Parkes, Department of Physiology; Mr. Victor Doray and Mr. Ian Cameron of the Department of Biomedical Communications; Ms. Annie Wilms of the Alma Mater Society; Ms. Sharon Young of the Health Sciences Students' Committee; Ms. Olive Simpson, School of Nursing; Ms. B.A. McConnell, School of Rehabilitation Medicine; Ms. Helen Burt, a graduate student in the Faculty of Pharmaceutical Sciences; and Dr. Erich Vogt, UBC vice-president for Faculty and Student Affairs and chairman of the University's Open House steering committee.

Secretary to the organizing committee is Diane Lane of the Department of Pathology.

# Child Study Centre youngsters also learn

Pictures and story by Judie Steeves

UBC's youngest students couldn't reach the upper shelves in the book-stacks of the Main Library and they might have trouble resting their feet on the floor while sitting in a lecture.

But they're very comfortable Indian-style on the braided rug and they can reach the books in their special three-foot high bookcases over on Acadia Road.

They number about 80 and the oldest says he's "gonna be six this year." The braided rug and special bookcases reside in the UBC Child Study Centre, housed in army huts on the eastern boundary of the UBC campus.

The centre is a nursery school and kindergarten, in operation since 1961, and is used for observing and demonstrating how young people learn.

This University facility is attached to and financed by the Faculty of Education, but is used by as many as 1,600 students a year from the Faculties of Medicine, Education, and Dentistry; the Schools of Nursing, Rehabilitation Medicine, Physical Education, and Architecture; and the Department of Psychology.

In addition, these 80 youngsters between the ages of three and five years are educated at this facility, while parents, early childhood educators, teachers, and many others from the community make use of the centre's teaching, demonstration, or observation capabilities.

Although there is already a waiting list long enough to fill next year's classes, anyone may call the centre or drop by and pick up application forms to register their children. The centre staff try to select about one-third children of students, one-third from faculty and staff, and one-third from the community. Selection is on a first-come, first-served basis.

The emphasis at the centre is definitely on education. Its director, Dr. Hannah Polowy, assistant professor of early childhood education, notes: "This is an educational environment. Day care needs to be regarded as a learning environment — not as 'custodial care'."

Because of this belief, she deplors the use of terms such as pre-school and nursery school. "They're loaded terms meaning children don't learn until they go to school. We do children an injustice if we don't look at them as learners before they reach grade one."

"They are in fact learning, and we need to know what they are learning and what we want them to learn. Adults have to set the environment for the child; know their goals for the child; and know what they want the child to learn. Otherwise we're being very irresponsible."

"Actually, children can learn anything — physics, astronomy, or chemistry — as long as it is provided at the level of the child's development," she said.

Dr. Polowy believes every Canadian child should have quality day care provided. At present, provincial legislation provides nothing for youngsters under three years of age, she noted.

For those over the age of three there is day care available, but "the majority is just not quality day care, and I think those running day care centres would agree with me."

"The adults in charge have a minimum of training, and the physical facilities range from church basements to community centres. Most are not set up for children. They're not permanent. They have to fold up each day in an envelope to make way for the Boy Scouts or a ladies' tea."

"People will spend hundreds of dollars to raise a dog or a horse, but won't do the same for a young human being," she concluded.

Dr. Polowy sees the Child Study Centre's mandate as being the leader

in the field of early childhood education. "If we don't, then who will?" she asked.

She noted that UBC's Child Study Centre has a reputation across Canada and internationally for a number of reasons.

The UBC centre pioneered in fostering good parent-teacher relationships. "We make parents comfortable coming to see and participate in their child's learning environment, and we hold evening sessions to talk with parents about their child's growth and development," explained Dr. Polowy.

In fact, in 1976 Dr. Polowy was awarded the Samuel Laycock Memorial Award of the Canadian Parent-Teacher Federation in recognition of outstanding service to education, by fostering co-operation between parents and teachers and promoting understanding between the home and the school.

She has been involved with the centre almost since it opened, and has been director for the past two years.

Another unique aspect of the centre is its attachment to the Faculty of Education, rather than to psychology or home economics, as at some other universities.

Dr. Polowy believes it is important that the centre remain in the Faculty of Education. "More and more people are realizing the importance of early childhood education, and Canada is



Dr. Hannah Polowy

just getting into it," she explained.

Many European countries have long recognized the importance of quality education for the very young, and have been putting money into educating their young children, she added.

Since a great deal of the educating is already done when a child enters grade one, she believes adults should take more interest in what the child is learning in the years before first grade.

"I see the Child Study Centre as a demonstration, observation, and research model," she said.

Although she feels it has been fulfilling that role in the past 19 years, she does not think it is doing as well in that role as it could and should.

"A great deal more use could be made of the Child Study Centre, both by those on campus, and by the community, if only someone had the time to organize," she said.

She pointed out that more faculty on campus need to know that the centre is there; then someone needs to be available to orient students who use it as an observation facility as part of their course work; and someone has to be available to answer questions and help students observe.

In addition, the centre needs an observation space where children would not be aware of those observing. This space could be used by parents, university students, and community people such as teachers.

Quality staff need to be retained on a more permanent basis. "At present



we have to budget very closely. The teachers in the centre are only employed here for nine months a year. How can we get a commitment from them on that basis?" she asked.

More faculty time needs to be made available for proper administration of the centre; for demonstration programs to be set up for community needs; and for the development of good research programs which ask the right questions, she maintained.

In the 19 years since the centre opened, there have been changes in programs and in philosophy, but little change in physical facilities. "We're held together by layers and layers of paint," was the wry comment from Dr. Polowy.

"These buildings were temporary when we opened in 1961, and they were temporary when they were put up for the army about 1942. I think that reflects our society's views of its children. Young children are at the bottom of the heap."

"They're just not a priority, and that's the feeling all across Canada," she added.

Despite the temporary nature and the age of the three buildings occupied by the Child Study Centre, the play yard is equipped with brightly painted swings, toys and climbing apparatus, and the nursery and kindergarten rooms are organized and colorful clutters of toys and books, paper and paints.

There's a busy hum in both rooms which erupts sometimes into shrieks of laughter, or breaks into a song or a rhythmic chant — at the teacher's direction.

While one small boy studiously concentrates on a project in one section of the room, a small group is gathered

around a table putting on paper their impressions of a morning's outing.

These are the sort of scenes which confront the observer. Usually an education student will look for the way in which the children interact with their environment and the adults in the room; how they use the materials available, how they interact with other children, and how long they interact with a person or a piece of equipment.

That is one side of the observation function of the centre. The demonstration aspect is in the educational programs which are developed and used at the centre, and the equipment and staff used to carry out those programs.

Dr. Polowy is hopeful that in the future the centre will be upgraded as recommended in a review committee on the education faculty which reported to President Douglas Kenny a year ago.

That committee's report recommended that "special attention be given to the strengthening of the Early Childhood Department through new appointments, reconstruction of the curriculum, and upgrading of the Child Study Centre."

At present the Faculty of Education is in the process of a reorganization which Dr. Polowy hopes will result in a higher priority for the Child Study Centre.

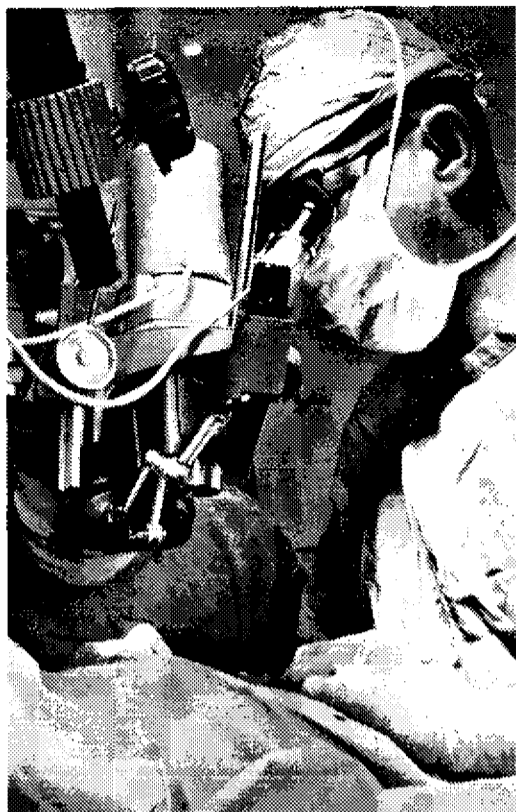
"UBC has one of the largest education faculties in Canada, so our Child Study Centre should be one of our faculty's showpieces."

"The report of the review committee emphasizes the importance of early childhood education. What is needed now is a facility that shows the University community itself concurs," she said.

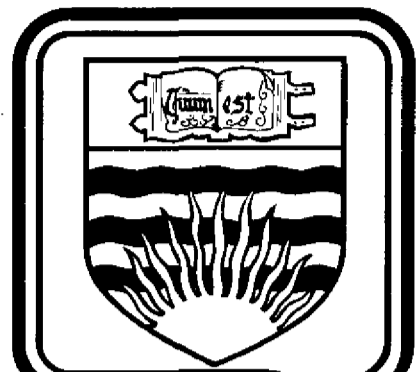


Ummm! It's peppermint! That was one smell everyone in Sheila McDonald's UBC Child Study Centre kindergarten class agreed on. The three-year-olds were learning about the five senses, starting with the sense of smell. Unmarked bottles of aromatic, but everyday items such as perfume, garlic, coffee, and peppermint were passed around for each youngster to smell and identify. (Coffee was a bit tougher than peppermint.)





# OPEN HOUSE



# UBC

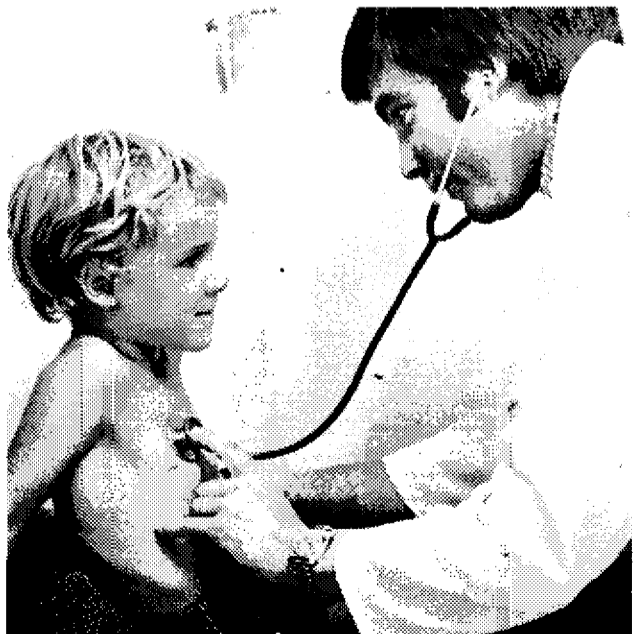
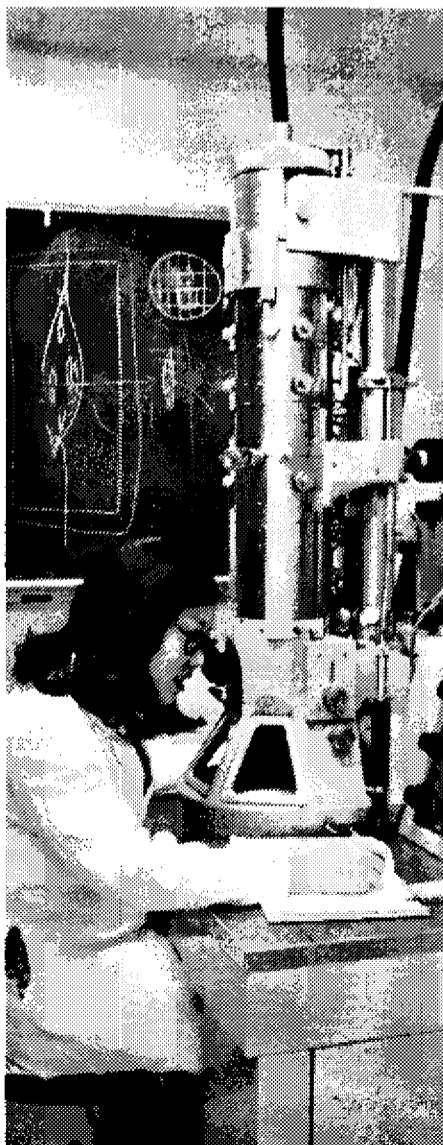
INVITES YOU  
TO VISIT ITS

## HEALTH SCIENCES CENTRE

### MARCH 14 & 15

**"Tomorrow's Health Care Today."**

- That's the theme of Open House 1980 at the University of British Columbia on March 14 and 15. The spotlight this year is on the University's Health Sciences Centre.
- Three UBC hospital units will be open to visitors. You'll get a sneak preview of Vancouver's newest hospital — the Walter Koerner Acute Care Unit, which will admit its first patients this summer.
- Faculty members, researchers and students will staff dozens of displays and exhibits in the Woodward Instructional Resources Centre. Many will involve visitor participation.
- UBC experts in medicine, dentistry, pharmaceutical sciences and nursing will give mini-lectures on both days of Open House on a variety of topics, including aging, how bacteria cause disease, heart function and medical breakthroughs.
- Open House hours are 9:00 a.m. to 9:00 p.m. on Friday, March 14, and 10:00 a.m. to 10:00 p.m. on Saturday, March 15. Bring the whole family. Admission to the UBC Aquatic Centre and Museum of Anthropology will be free during Open House and campus food outlets will be open.



### Woodward Biom

Pictures by Department of Biomedical Communications

# Displays and exhibits involving visitors feature of Open House

Displays and exhibits, many of them involving visitor participation, will be a major feature of UBC's 1980 health sciences Open House.

The disciplines that are an integral part of UBC's Health Sciences Centre — medicine, dentistry, rehabilitation medicine, nursing and pharmacy — will demonstrate some of the most up-to-date methods in patient care and treatment and explain scientific breakthroughs carried out by UBC's leading health researchers.

You'll be able to give yourself a mini-course in children's heart diseases, participate in a fitness appraisal and learn how the UBC-developed Drug and Poison Information Centre provides services to B.C. health professionals on a round-the-clock basis.

These are only a few of the many activities that will be available on March 14 and 15 in the major buildings that make up the Health Sciences Centre on the UBC campus. Buildings are open on Friday, March 14, from 9 a.m. to 9 p.m. and on Saturday, March 15, from 10 a.m. to 10 p.m.

The map at right shows the UBC Health Sciences Centre, located in the southeast sector of the main campus. Health sciences buildings described in boxes are open to the public for inspection and contain exhibits and displays.

Listed below on a building-by-building basis are details about many of the activities during UBC's 1980 health sciences Open House.

**WOODWARD INSTRUCTIONAL RESOURCES CENTRE.** Medical doctors, researchers, students and other health professionals will staff displays and demonstrations on a wide variety of health topics. You'll be able to:

- Have a computer-based health appraisal done and receive a print-out (for a small fee) that will make suggestions for improving your physical fitness;
- Analyse the active ingredient in marijuana; and
- Learn how B.C. health professionals can get information for patient treatment from the B.C. Drug and Poison Information Centre, developed by UBC and located at St. Paul's Hospital in Vancouver.

Many of the displays in the Woodward building will be about heart disease and cancer. You'll be able to give yourself a mini-course in child heart diseases and follow an individual case history of a child who died of a heart condition.

You'll be able to see isolated, living heart cells at work; an advanced type of heart pacemaker; artificial heart valves; and a heart-lung machine used to keep the blood circulating while the heart is stopped during open-heart surgery.

The two major sites where cancer develops are the large intestine and the lungs. Promising new methods for the early detection of cancer at these sites have been developed by UBC researchers, who'll be on hand to explain them. You'll be able to see blowups of cancer cells photographed with a scanning electron microscope, which magnifies many thousands of times.

The eye is one of the marvels of the human body. Eye experts will show how vision can be preserved and how eye problems can be treated by microsurgery and with laser beams. Rehabilitation experts will put a cast on your arm while explaining the principles of splinting, a technique for counteracting the deforming forces that accompany many disabilities. Discover how electrotherapy and ultrasound are used to help the disabled regain their health. Rehabilitation specialists will also demonstrate the role of the therapist in treating arthritis and the latest advances in the treatment of severe burns.

Other Woodward building displays:

- Posters will illustrate the principles of genetic engineering and the uses of recombinant DNA;
- Antibiotics and how they combat bacterial diseases and how viruses invade human cells;
- Immunology and aging.

The **WOODWARD BIOMEDICAL LIBRARY**, which is part of the Woodward building, will also be open to the public. The library contains more than 208,000 books, monographs and serials for the use of health professionals and scientists. In the library's Woodward Memorial Room is a collection of books on the history of medicine, many of them rare, and three tapestries, one of them manufactured in China showing Canadian surgeon Dr. Norman Bethune operating on a Chinese soldier. The other two tapestries were manufactured by the Gobelin house in France and measure 6'x11 feet. One depicts some 40 figures famous in medicine, science and philosophy. The other is a medical and artistic curiosity. Halfway through the weaving of the tapestry, which depicts some 50 writers and philosophers, the artist had a stroke. When he resumed work, his stroke-damaged brain distorted many of the faces and other features on the right-hand side of the tapestry.

**WALTER C. KOERNER ACUTE CARE UNIT.** Vancouver's newest hospital will admit its first patients this summer. You'll get a sneak preview of the building, even though parts of it are still under construction. You'll be able to visit patient rooms, the emergency department, main lobby and admitting area, cafeteria, medical records, pathology division (where tumor cells and other material will be analysed) and the area where students will go for medical services.

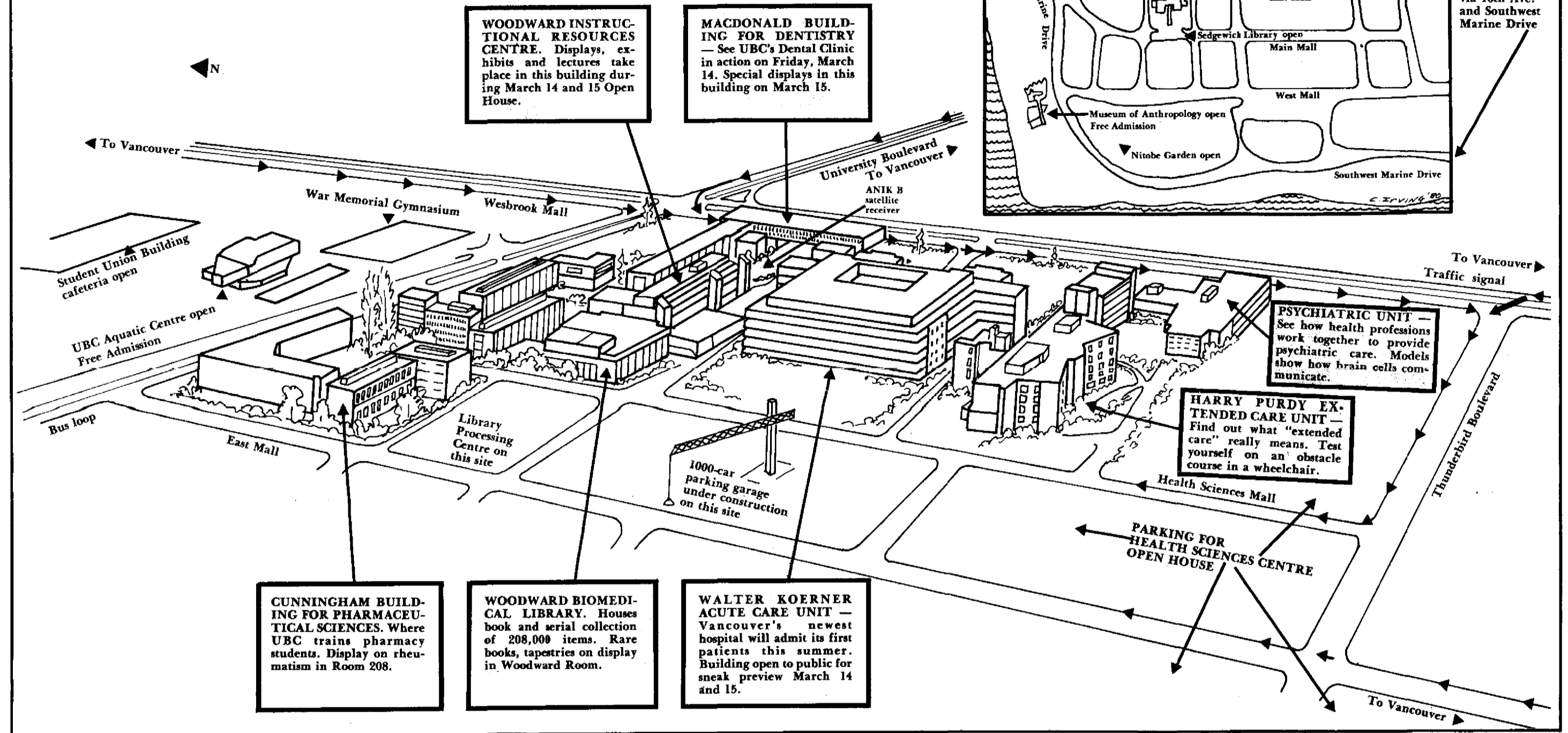
Some other things to look for in the acute care unit:

- A demonstration of ELISA — an acronym for enzyme-linked immunosorbent assay — the best rapid test for detecting illnesses caused by viruses;
- The hospital dentistry unit, a new area of health care, designed to provide services to patients whose con-

## The University of British Columbia John F. McCreary HEALTH SCIENCES CENTRE

Follow arrows to Open House parking lots

Health sciences buildings described in boxes are open to the public March 14 and 15



**WOODWARD INSTRUCTIONAL RESOURCES CENTRE.** Displays, exhibits and lectures take place in this building during March 14 and 15 Open House.

**MACDONALD BUILDING FOR DENTISTRY** — See UBC's Dental Clinic in action on Friday, March 14. Special displays in this building on March 15.

**CUNNINGHAM BUILDING FOR PHARMACEUTICAL SCIENCES.** Where UBC trains pharmacy students. Display on rheumatism in Room 208.

**WOODWARD BIOMEDICAL LIBRARY.** Houses book and serial collection of 208,000 items. Rare books, tapestries on display in Woodward Room.

**WALTER KOERNER ACUTE CARE UNIT** — Vancouver's newest hospital will admit its first patients this summer. Building open to public for sneak preview March 14 and 15.

**PSYCHIATRIC UNIT** — See how health professions work together to provide psychiatric care. Models show how brain cells communicate.

**HARRY PURDY EXTENDED CARE UNIT** — Find out what "extended care" really means. Test yourself on an obstacle course in a wheelchair.

### UBC centre named for health pioneer

The Health Sciences Centre is named in honor of the late Dr. John F. McCreary, who pioneered in Canada the idea that health sciences students should be trained together so that they know the strengths and limitations of their own and other professions.

He knew that many new professions were joining the traditional foursome of doctors, nurses, pharmacists and dentists in providing health care to Canadians. He anticipated the need for all health professions to be able to work together as a team. He was the driving force behind the creation of many buildings making up the UBC Health Sciences Centre today.

Dr. McCreary was dean of UBC's Faculty of Medicine from 1959 to 1972, when he became coordinator of Health Sciences, a post he held until he retired in 1975. He died of a heart attack at his home in Gibsons on Oct. 14, 1979.

ditions (diabetes or heart disease, for example) may be aggravated by dental infections;

- Nursing stations will be staffed and you'll be able to learn how one functions and how to take a medical history and do an assessment on a patient; and
- The very latest in nuclear medicine. A display that shows how radioisotopes are produced at the TRIUMF accelerator on the UBC campus and the use of these sophisticated materials to diagnose heart and brain diseases by the use of PET, an acronym for positron emission tomography.

**HARRY PURDY EXTENDED CARE UNIT.** Pause for a cup of tea and learn just what is meant by "extended care" (it encompasses a great deal more than simply looking after elderly and bed-ridden patients). The patients will be your hosts at the following tea times on both days: 10 to 11 a.m., 2 to 5 p.m. and 6:30 to 7:30 p.m.

Have you ever wondered what it's like to be confined to a wheelchair? Try using one to manoeuvre through an obstacle course in the extended care unit.

**PSYCHIATRIC UNIT.** The theme in this unit is integrated care in

psychiatry, or how the health professions work together to provide psychiatric care.

Displays will show the sequence of events from admission to discharge of patients and subsequent follow-up. Models will show how brain cells communicate with each other and how drugs alter brain-cell interaction and affect certain kinds of psychiatric illness.

**GEORGE T. CUNNINGHAM BUILDING FOR PHARMACEUTICAL SCIENCES.** One of the characteristics of patients with rheumatism is that they have higher-than-average quantities of fatty acids in the fluid of their knee joints. A display in Room 282 of the pharmacy building will show how the complex patterns of fatty acids are determined and how levels are higher in rheumatism patients.

**JOHN B. MACDONALD BUILDING FOR DENTISTRY.** Friday will be a normal teaching day in the building's dental clinic. Visitors are welcome to watch dentistry and dental hygiene students being taught in the large open area containing 80 dentist chairs. On Saturday, some eight displays on various aspects of dentistry will be on view in the area.

## UBC stages sneak preview of newest hospital

A sneak preview of Vancouver's newest hospital, the Walter C. Koerner Acute Care Unit at UBC, will be part of the University's two-day health sciences Open House March 14 and 15.

Contractors are putting the final touches on the building's interior, installing equipment and landscaping the grounds, but visitors will be able to see a patient ward, the emergency department and a number of specially mounted exhibits.

The new unit, which will admit its first patients this summer, is named for Dr. Koerner, a UBC benefactor who has been associated with the development of UBC's Health Sciences Centre from its inception. He's currently chairman of the centre's management committee and is a former member and former chairman of UBC's Board of Governors.

The acute care unit is one of three hospital units at UBC. The 60-bed Psychiatric Unit has been open for 12 years, and the 300-bed Harry Purdy Extended Care Unit received its first patients in 1976.

Together, the three units form a

600-bed hospital. But because the units are three separate buildings, patients and visitors will not get the feeling of being in a large, metropolitan hospital. In each unit, the accent is on intimacy.

The 240-bed acute care unit will be a community hospital serving the needs of Vancouverites, particularly those on the west side of the city. It will also be a teaching and research hospital with 90 beds reserved for special programs in clinical investigation. Patients with unusual or complicated problems will be admitted to these beds.

The emphasis will be on family medicine in the new acute care unit, but some special areas are expected to develop. The UBC unit is expected to become an important centre for research and for the diagnosis and treatment of multiple sclerosis. It's also expected to be a major centre for the study of diseases of the stomach and intestinal tract and problems of calcium and bone metabolism.

Usually, patients visit doctors in offices in medical and dental buildings and are never seen by health sciences students. A unique feature of the UBC acute care unit is that doctor's offices will be located

in the unit's medical and surgical clinics so that students can be involved in patient care.

Patients, however, will have the right to choose whether students will be involved in treatment. But based on experience elsewhere, patients are agreeable to students being part of the treatment process.

Visitors and patients admitted to the acute-care unit will find themselves in an environment that contrasts sharply with the institutional atmosphere that pervades most hospitals.

Wood and warm colors will predominate in entrance and waiting areas. Indirect lighting will create pools of light in corridors and patient rooms will have drapes of the type used in private homes.

The building also incorporates many energy-conserving features. One of these gives the building its unique exterior appearance. The downward-sloping windows of the building allow adequate light to enter the unit's rooms, but shade them from direct, warm-weather sunlight.

This reduces the need for air conditioning in the summer — which nor-

mally costs more than heating the building in winter.

The acute care unit was built in record time. When it admits its first patients this summer, only three years will have elapsed since the firm of Thompson, Berwick, Pratt and Partners inked the first lines on the architectural drawings. Construction of the unit was managed by the Greater Vancouver Regional Hospital District.

The unit also includes, on its top floor, facilities for the School of Rehabilitation Medicine in the Faculty of Medicine and the School of Nursing in the Faculty of Applied Science.

The construction of the UBC acute care unit is part of a larger plan of hospital construction in the Vancouver area and is linked to a plan to expand enrolment in the University's medical school. New construction, including research and teaching space for health professionals, is also taking place at Vancouver General and St. Paul's Hospitals and on the site of Shaughnessy Hospital, where a new Children's Hospital and a new Grace Hospital are being built.



## Anik B beams event over continent

Events during UBC's 1980 health sciences Open House will be beamed across North America by the Anik B communications satellite.

The transmissions will bring Open House to remote communities in B.C. where people have less opportunity of attending than those living on the Lower Mainland.

The transmissions will also demonstrate the impact satellites will have on health care in the 1980s.

### IMPACT SEEN

Whether you are a physician coping with a busy practice in a remote community, or a victim of an obscure type of cancer lying unconscious on an operating table in Vancouver, satellite tele-medicine promises to have an impact.

Doctors in remote areas will be able to receive courses updating their skills, without having to leave a community that needs their services.

For the Vancouver cancer patient, satellite tele-medicine means the surgeon can send a television picture of a microscopic slide of the cancer cells to an expert in some other part of the world for analysis, while the patient is still anesthetized.

Demonstrations of some of the many uses of communications satellites in health care will be a feature of the first day of Open House on Friday, March 14. There will be audio and visual communication between UBC and receiving stations in B.C. and elsewhere.

### SHARE EXPERTISE

On Friday morning, a UBC surgeon will share his expertise with interior doctors. A cancer expert from the east coast will be able to diagnose a B.C. patient's disease from pathological slides beamed to him by the Anik B satellite. As well, a special program on teenage alcoholism in remote communities will be transmitted to interior B.C. centres during the morning.

A microwave link is being installed by B.C. Telephone between the UBC campus and transmitting facilities at the B.C. Institute of Technology. BCIT is providing its services to make the transmission possible, and the federal Department of Communications is providing time on the Anik B satellite and free use of ground terminals.

The federal department pioneered the use of satellite tele-medicine in Canada with its experimental Hermes space craft. B.C. Telephone has worked for the past three years to link community colleges and other outlets in B.C. by satellite.

### TEMPORARY STATION

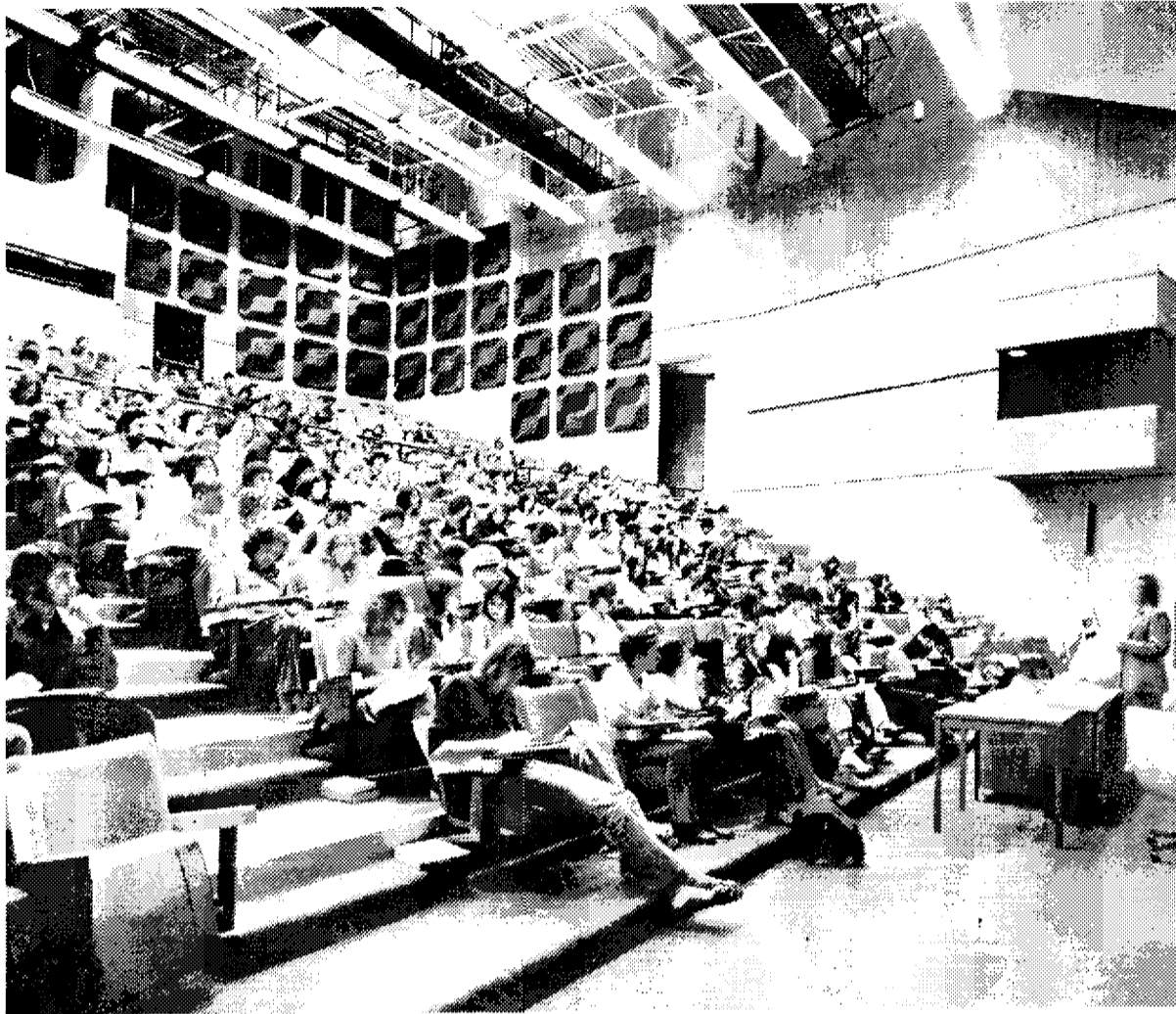
A temporary receiving station will be erected at UBC. Receiving stations already are in place in Port Alberni, Terrace, Prince George, Cranbrook, Dawson Creek, Whitehorse, Gold River, Prince Rupert, Mackenzie, Fort St. John and Fort Nelson.

Opening ceremonies for Open House will take place at 9:00 a.m. on Friday, March 14 and will be beamed via satellite to receiving stations throughout the province.

Telesat Canada of Ottawa is providing a comprehensive display and model of the satellite, complete with an audio-visual presentation. Two Telesat experts will be on hand to answer questions throughout Open House.

### TALKS TRANSMITTED

Friday afternoon and evening, and Saturday of Open House, special lectures will be transmitted from the University. Following each, it will be possible for people from throughout B.C. to ask questions of the lecturer via the satellite, and receive answers.



## UBC health experts to give 18 mini-lectures at Open House '80

Informative and entertaining — those are probably the most appropriate words to describe the 18 free public lectures that will be presented in Lecture Hall No. 6 of the Woodward Instructional Resources Centre during Open House on March 14 and 15.

The lectures — many of them illustrated with slides or short movies — deal with various aspects of health and health research, and they will be given hourly Friday afternoon and evening, March 14, and all day Saturday.

Here is the lineup (all in Lecture Hall No. 6):

### FRIDAY, MARCH 14

- 2:00 p.m. Victor Doray and Ian Cameron, Biomedical Communications, on **Health Communication in the 80s**. They will speak on the impact that advancing communications technology will have on people and on the delivery of health care.
- 3:00 p.m. Prof. Mary Cruise, Nursing, on **Aging — A State of Growth and Development**.
- 4:00 p.m. Prof. Sue Rothwell, Nursing, on **Nursing: A New Place for an Old Profession**.
- 5:00 p.m. Prof. Patricia Baird, Medical Genetics, on **Genetics and Your Family**. Dr. Baird will talk about some of the major categories of disease, the risk to relatives of those suffering from them, and what can be done from a practical point of view.
- 7:00 p.m. Prof. Donald Brooks, Pathology, on **Blood: Keep it Moving**. This is a talk on pure research, basic but entertaining, and it includes videotapes of several experiments showing reactions between cells that might stop the flow of blood.
- 8:00 p.m. Prof. Julia Levy, Microbiology, on **Immunology and Cancer**.
- 9:00 p.m. Prof. Alan Richardson, Dentistry, on **What Do You Do if Your Child's Front Tooth Gets Broken or Knocked Out?**

### SATURDAY, MARCH 15

- 10:00 a.m. Prof. Burton Goldstein, Dentistry, on **Hospital Dentistry — Total Care at UBC**.
- 11:00 a.m. Prof. James Hogg, Pathology, on **Cigarette Smoking and The Lung**. Prof. Hogg will begin his talk by screening a 20-minute movie showing the effect of tobacco on lungs and body.
- 12 Noon Prof. Sidney Katz, Pharmaceutical Sciences, on **How Heart Function is Regulated**. One beat of the heart involves 15 different steps. By isolating each function, it may be possible to make earlier diagnosis of potential heart problems.
- 1:00 p.m. Prof. Charles Culling, Pathology, on **Breakthroughs in Medicine by UBC Pathologists**.
- 2:00 p.m. Prof. Kenneth Leighton, Anaesthesiology: **Twixt Life and Death: The Miracle of Modern Anaesthesia**.
- 3:00 p.m. Prof. Stephen Drance, Ophthalmology, on **The Preservation of Vision — What's New?**
- 4:00 p.m. Prof. John Dirks, Medicine, on **The Sea Within Us**. Dr. Dirks will speak on salt and its relationship to health and disease.
- 5:00 p.m. Prof. Michael Smith, Biochemistry, on **Recombinant DNA, Genetic Engineering and Medicine**.
- 7:00 p.m. Prof. Thomas Perry, Pharmacology, on **Biochemical Investigation: A Must for Better Mental Health Care**.
- 8:00 p.m. Prof. James Miller, Medical Genetics, on **Realistic Possibilities for the Prevention of Birth Defects**.
- 9:00 p.m. Prof. Irving Salit, Medicine, on **How Some Bacteria Cause Disease**.

## Open House 1980 is first of yearly events

We're doing it differently this year.

Perhaps you've noticed that beginning this year, UBC will hold its Open House every year, instead of every three years. Each year our emphasis will be on a different section of the University community.

For instance, this year the focus will be on health sciences and our Health Sciences Centre, while

next year the emphasis will be on the applied sciences, such as forestry, agriculture and engineering.

Other buildings and features of our 1,000-acre campus will also be open during Open House 1980, including the Aquatic Centre and the Museum of Anthropology — both of which invite you to come in free of charge during the two-day event.

While you're on campus, why not visit the showpiece Sedgewick Library, or wander through the beautiful Nitobe Gardens, where there is a small admission fee.

See map on pages 2 and 3 for location of these features, and whatever you do or see, enjoy our 1980 Open House and come back for our 1981 extravaganza.



Photo by Jim Banham

Honored recently by students and alumni of the Faculty of Commerce for outstanding teaching were Prof. Kenneth MacCrimmon, left, and associate professor Craig Pinder. UBC graduate Pinder, the sixth Commerce professor to receive the Commerce Undergraduate Society's Teaching Excellence Award, was selected from 15 nominees by a student committee that bases its decision on classroom visits, interviews with students and the study of annual course and teaching evaluations. Prof. MacCrimmon is the first winner of the faculty's "talking stick" award established by Commerce alumni to recognize behind-the-scenes course and program development work in the field of managerial decision-making. Talking stick, carved by the late Hyacinth David, well-known west coast artist, is used among Nootka Indians to signify great respect for the wisdom and words of the holder.

## Better food in offing for residence students

UBC students living in the Place Vanier and Totem Park Residences will be eating a little higher off the hog next year.

A 23 per cent increase in the residence meal rate, from \$3.66 to \$4.50 a day, will enable UBC's food services department to expand all aspects of the menu in the two residence complexes, where full room-and-board is provided.

A food services spokesman said that students living in residence would have been faced with a 17 per cent rise in the meal rate in 1980-81 because of increased food and labor costs.

The additional six per cent agreed to by students living in the two residences will mean that a meat dish will be served every day at breakfast and a wider variety of entrees and desserts will be available at all other meals.

The increase in meal rates as well as increases in room rates and rental rates for accommodation in all

University residence areas were approved by UBC's Board of Governors at its March meeting last week.

Room rates in Place Vanier, Totem Park and the Walter Gage Residence, where room only is provided, will increase by a flat nine per cent, effective May 1. Room-and-board rates in Totem Park and Place Vanier will next year range from \$1,851.18 to \$2,203.04, depending on the type of accommodation.

Annual rates in the Walter Gage Residence will be \$1,147.16 in the high-rise tower and \$1,209.82 for accommodation in the low-rise unit.

Increases in room-and-board rates ranging from 14.5 to 16 per cent were approved by the Board for accommodation in campus residences during the 1980 summer session.

Effective Sept. 1, rental rates will increase by eight per cent for accommodation in Acadia Park family residences, made up of apartments in a high-rise tower, adjacent town houses and housing on President's Row. Rents for converted army huts in Acadia Camp will increase by 10 per cent, effective Sept. 1.

### ENGINEERS

Continued from page 1

his department heads and to report to the special dean's sub-committee before March 14 with recommendations.

The sub-committee will be chaired by Dean Kenneth Lysyk of the Faculty of Law and also includes in its membership Dean Joseph Gardner, Forestry; Dean Peter Lusztag, Commerce and Business Administration; Dean Peter Larkin, Graduate Studies, and Dean Cyril Finnegan, Science.

Dean Lysyk told *UBC Reports* this week that the sub-committee had not yet met and was awaiting recommendations from Dean Wedepohl. He termed Friday's EUS statement "positive and encouraging."

## Comments on park plan welcomed by Board

UBC's Board of Governors says it welcomes written comments on a proposal to establish a branch of Discovery Park for high-technology research on 58 acres of land in the southeast sector of the UBC campus.

The Board's request for comments came in a motion passed at its March 4 meeting which asked that the administration "arrange for publication of the University position with respect to Discovery Park and indicate in such articles that the Board of Governors welcomes comments on Discovery Park and other matters of public interest or concern...."

The Board motion was passed following the appearance at the March 4 meeting of a delegation of five students representing the Student Representative Assembly research park committee, which presented a petition signed by 1,688 persons, including residents of West Point Grey.

The petition, in addition to requesting a moratorium on negotiations and development until the University holds public hearings on the establishment of Discovery Park, also proposed the formation of a "representative body to provide on-going input into the planning for and management of the park from UBC faculty, students and staff, and from the community."

In a letter to Martin Lund, chairman of the SRA's research park committee, the Board commended the committee for its "thoughtful and well-prepared brief," and said it was mindful of the committee's request that University representatives to the Discovery Park board of management, when appointed, should be sensitive to community needs as well as the interests of the University.

### BRIEF COMMENTED

The letter from the Board said that it had concluded after careful consideration of the points raised by the SRA committee and following a review of its position in the matter of Discovery Park that it had met, in the main, the concerns raised by the committee.

The Board letter to the SRA committee included a copy of a letter written by President Douglas Kenny to the UBC faculty on Sept. 17, 1979, which recounted the steps taken by UBC leading up to negotiations with Discovery Parks, Inc. on the terms and conditions under which UBC will lease 58 acres of land for high-technology research.

Discovery Parks have been proposed for five B.C. locations, including UBC. The other sites are at Simon Fraser University, the University of Victoria, near the B.C. Institute of Technology in Burnaby, and at the

## Survey grinds to halt

The UBC Library's week-long users' survey ground to a temporary halt Monday when questionnaires disappeared into the eager hands of students in larger campus libraries.

Organizers of the survey have set the presses rolling printing more questionnaires and a new supply should be available by mid-week.

The questionnaire, which library officials say will take only a few minutes to complete, asks users which branches they use, how frequently they visit them and their views on services provided in campus libraries.

The results will be analysed by a ten-member committee of librarians and will affect campus library services.

Institute of Ocean Sciences at Patricia Bay on Vancouver Island.

President Kenny's Sept. 17 letter points out that the concept of a research park at UBC was first raised in 1977, and in June of that year each UBC faculty was asked to provide to the President's Office comments and views on the proposal.

"The replies," the president said in his letter, "were uniformly positive...and formed the basis for discussions with various agencies of the provincial government."

### IMPLICATIONS DISCUSSED

In February and April of 1978, the president told faculty members, he met with his executive committee on research and his advisory board on grants, contracts and research policy to bring them up-to-date on discussions with the provincial government and to discuss the implications of the proposed park on research and other UBC activities.

"Both committees responded enthusiastically, particularly in relation to the opportunities that the park would provide to increase the interaction between researchers from UBC and those from other sectors," the president's letter said.

The president said he also sought the advice of the committee of deans in April, 1978, and in the fall of the same year established an ad hoc committee on UBC Discovery Park, which summarized the hopes and concerns of the University community "and provided me with a set of guidelines which formed the basis of all subsequent discussion...."

The president also pointed out in his letter to faculty that he delivered a progress report on negotiations concerning the establishment of the park to Senate on Sept. 12, 1979, shortly before writing to all faculty members.

The president ended the letter to faculty by listing the following matters which were the subject of negotiations with Discovery Parks, Inc.

- Ownership of the land will remain with UBC but the land will be leased to Discovery Park Industries Ltd.

- The University will be represented on a board of management responsible for the day-to-day administration of Discovery Park.

- The University will have to approve all tenants, thus ensuring research undertaken will be related to University interests and expertise. Naturally, the University will look most favorably on those applicants whose work will encourage fellowships, student aid and student summer employment.

- Plans for all buildings must be approved by the University.

- Any land not used by Discovery Park Industries Ltd. within 15 years will automatically revert to the University.

- All buildings constructed at Discovery Park UBC will become the property of the University at the termination of the lease.

- All Discovery Park UBC facilities will be open for inspection by University officials at any time.

- All tenants must meet UBC standards with respect to environmental and pollution control.

- Any expenses associated with the removal of University buildings, properties, services, etc. to other University areas will be borne by the developer at no expense to UBC.

Discovery Park has already been the subject of two student-sponsored public meetings held on the campus in November, 1979, and January, 1980. Both were attended by President Kenny.

# UBC Calendar

## UBC CALENDAR DEADLINES

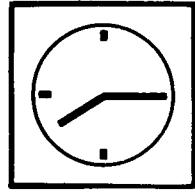
Events in the week of:

March 23 to March 29 Deadline is 5 p.m. March 13

March 30 to April 5 Deadline is 5 p.m. March 20

Send notices to Information Services, 6328 Memorial Road (Old Administration Building), Campus. Further information is available at 228-3131.

## THE VANCOUVER INSTITUTE



### SATURDAY, MARCH 15

Prof. Joan Reynertson, Theatre, UBC, on Film: *A Theatre of Dreams*.

### SATURDAY, MARCH 22

Dr. Richard Weinshilbom, chief, Clinical Pharmacology Unit, professor, Pharmacology and Medicine, Mayo Medical School, on *The Chemistry of the Brain*.

Both lectures at 8:15 p.m., Lecture Hall 2, Woodward Instructional Resources Centre.

## SUNDAY, MARCH 16

1:30 p.m. **USES OF THE CEDAR TREE.** Northwest Coast Indian students present a program on the many traditional uses of the cedar tree. This program is repeated at 2:30 p.m. Museum, 6393 Northwest Marine Dr.

8:00 p.m. **PRO ARTE STRING QUARTET,** with Norman Paulu and Martha Francis, violin; Richard Blum, viola; and Parry Karp, cello, performs in special benefit concert to initiate the Harry and Frances Adaskin Scholarship. Recital Hall, Music Building.

## MONDAY, MARCH 17

12 noon **CANCER RESEARCH SEMINAR.** Dr. N. Bruchovsky, Cancer Endocrinology, Cancer Control Agency of B.C., on *Endocrine Therapy and the Theoretical Basic Responses of Neoplasm.* Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave.

12:30 p.m. **ARTS DISTINGUISHED VISITOR.** J.W. Ward-Perkins, F.B.A., former director, British Academy in Rome, on *From Rome to Roman Italy: An Essay in Historical Geography.* Room 102, Buchanan Building.

3:30 p.m. **ENGLISH COLLOQUIUM.** M.K. Goldberg on *Untitled: A Still Life.* 5th floor lounge, Buchanan Tower. **APPLIED MATHEMATICS SEMINAR.** Prof. Richard E. Plant, Mathematics, University of California at Davis, on *A Mathematical Model of "Epileptic" Neurons.* Room 203, Mathematics Building. **PSYCHOLOGY COLLOQUIUM.** Dr. Graham Goddard, Dalhousie University, on *Component Properties of the Memory Machine: Hebb Revisited.* Room 209, Scarfe Building.

3:45 p.m. **MECHANICAL ENGINEERING SEMINAR.** G. Rosval, mechanical engineering graduate student, UBC, on *Vibration of Disks With Application to Saw-Blade Design.* Room 1215, Civil and Mechanical Engineering Building.

4:00 p.m. **GEOPHYSICS AND ASTRONOMY SEMINAR.** Dr. Bernard Shizgal, Chemistry, UBC, on *Thermal and Non-Thermal Escape of Planetary Atmospheres.* Room 318, Hennings Building.

4:30 p.m. **ZOOLOGY/PHYSIOLOGY SEMINAR.** Dr. Albert J. Berger, Physiology and Biophysics, School of Medicine, University of Washington, Seattle, on *The Function of the Nucleus of the Solitary Tract in Respiration and Reflexes.* Room 2449, Biological Sciences Building.

## TUESDAY, MARCH 18

12:30 p.m. **PERCUSSION ENSEMBLE,** directed by Kenneth Moore, performs *Music of Gauger, Firth, Kraft and Colgrass.* Old Auditorium.

**BOTANY SEMINAR.** Dr. Melinda Denton, University of Washington, on *Systematic Studies of Sedum.* Room 3219, Biological Sciences Building.

**UBC CANOE CLUB** series on *Canoeing and Kayaking.* This week's film is *Path of the Paddle: Double's White Water.* Lecture Hall 5, Woodward IRC.

**CLASSICS LECTURE.** J.B. Ward-Perkins, F.B.A., former director, British Academy in Rome, on *Rome and Central Italy.* Room 102, Buchanan Building.

**HABITAT LECTURE.** Lloyd Rodwin, Ford International Professor, MIT, on *The Profession of Planning Cities: Its Educational Requirements.* Room 107, Lassere Building.

1:30 p.m. **ELECTRICAL ENGINEERING SEMINAR.** Dr. R.W. Donaldson, Electrical Engineering, UBC, on *Communication Signalling Over Land Mobile Radio Channels.* Room 402, MacLeod Building.

3:30 p.m. **MANAGEMENT SCIENCE SEMINAR.** Prof. R. Wets, Mathematics, University of Kentucky, on *Implementation of Stochastic Programming Methods in an Environment With Insufficient Data.* Room 215, Angus Building.

**OCEANOGRAPHY SEMINAR.** Dr. George Spiegelman, Microbiology, UBC, on *Plasmid DNA and Hydrocarbon Metabolism by Marine Bacteria.* Room 1465, west wing, Biological Sciences Building.

**APPLIED MATHEMATICS SEMINAR.** Prof. William H. Reid, Mathematics, University of Chicago, on *An Initial-Value Method for Orr-Sommerfeld Type Problems Using Compound Matrices.* Room 104, Mathematics Building.

**HISTORY SEMINAR.** Dr. Angus McLaren, History, University of Victoria, on *Birth Control and the Canadian Left.* Penthouse, Buchanan Building.

4:30 p.m. **CHEMISTRY SEMINAR.** Dr. Ken Raymond, University of California, Berkeley, on *Co-ordination Chemistry of Microbial Iron Transport and Metal-Ion Specific Sequestering Agents.* Room 250, Chemistry Building.

7:00 p.m. **MUSEUM OF ANTHROPOLOGY** exhibit of "touchables" for the visually handicapped. For appointment call 228-5087. Museum, 6393 Northwest Marine Dr.

## TUESDAY, MARCH 18 (Continued)

8:15 p.m. **GARNETT SEDGEWICK MEMORIAL LECTURE.** Prof. emeritus of English G.P.V. Akrigg on *Garnett Sedgewick: the Man and His Achievement.* The lecture by Prof. Akrigg, a former student and colleague of Prof. Sedgewick, marks the 60th anniversary of Prof. Sedgewick's appointment as head of the UBC English Department. Frederic Wood Theatre.

## WEDNESDAY, MARCH 19

10:30 a.m. **MARKETING WORKSHOP.** Prof. Doyle Weiss, Commerce, UBC, will lead a discussion of *A Parsimonious Description of the Hendry System (Management Science).* Penthouse, Angus Building.

12 noon **ENERGY LECTURE SERIES.** Andrew R. Thompson, JSD, professor of Law and Director, Westwater Research Centre, on *Energy and the Environment.* Theatre, Robson Square Media Centre.

12:30 p.m. **NOON-HOUR CONCERT** with Pro Arte String Quartet. Norman Paulu and Martha Francis, violin; Richard Blum, viola; and Parry Karp, cello, perform. Recital Hall, Music Building.

**MUSIC EDUCATION Spring Concert Series.** Rika Ruebsaat and Jon Bartlett with *Canadian Folksongs and Stories.* Room 100, Scarfe Building.

3:30 p.m. **STATISTICS WORKSHOP.** Dr. Piet Groeneboom, Statistics, University of Washington, Seattle, on *Large Deviations in Asymptotic Efficiencies.* Room 310, Angus Building.

4:30 p.m. **KIT MALKIN MEMORIAL LECTURE.** Dr. J. Connell, Biology, University of California, Santa Barbara, on *Disturbances in Ecosystems: Tropical Forests and Coral Reefs.* Room 2000, Biological Sciences Building.

**PHARMACEUTICAL SCIENCES SEMINAR.** Dr. W.F. Lubbe, Medicine, University of Auckland, New Zealand, on *Clinical Experiences with Labetolol — An Alpha and Beta Adrenoceptor Blocker.* Lecture Hall 4, Woodward Instructional Resources Centre.

8:00 p.m. **SENATE MEETING.** Tickets for the visitors' gallery can be reserved by calling Frances Medley, clerk to Senate, at 228-2951 at least 24 hours in advance of the meeting. Board and Senate Room, Old Administration Building.

## THURSDAY, MARCH 20

12:30 p.m. **CANADA AT MIDLIFE CRISIS LECTURE SERIES.** James Mallory, McGill University, on *Parliament for the 1980s.* Room 104, Buchanan Building. **UNIVERSITY SINGERS,** directed by James Schell, perform *Music of Brahms, Ravel and Chatman.* Recital Hall, Music Building.

## ANNUAL UBC FACULTY AND STAFF GOLF TOURNAMENT

All UBC faculty and staff, male and female, are welcome to take part in the tournament on Thursday, May 1, 1980 at the University Golf Course; tee-off times 9:30 a.m. to 12:30 p.m. Information regarding green fees and dinner at the Faculty Club will be circulated. For advance tee-off reservations, please call Dr. H.D. Whittle, local 5407 or 3838.

## NITOBE GARDEN HOURS

March 1 to Easter: Open weekdays, 7:30 a.m. — 5:00 p.m.  
Open weekends 10:00 a.m. — 5:00 p.m.  
Good Friday to Thanksgiving: Open every day from 10:00 a.m. — half-an-hour before sunset.

## EXHIBITIONS

Two exhibitions, originated by the Art Gallery of Greater Victoria: **B.C. Binning: Drawings and Ann Kipling: Recent Landscapes,** continue at the Fine Arts Gallery, basement, Main Library, until March 29; Tuesday — Saturday, 10 a.m. to 5 p.m.

## DRAMA

**Gas Works, Exploration in Comedy,** directed by Donald Soule, opens on Wednesday, March 12, and continues until Saturday, March 22, excluding Sunday, at 8 p.m., at the Dorothy Somerset Studio. Admission, \$3.50; students and seniors, \$2.50. For reservations, call 228-2678 or drop by Room 207 of the Frederic Wood Theatre.

## WEST MALL EXTENSION CLOSURE

Weather permitting, a section of Southwest Marine Drive from the point where it intersects with 16th Avenue to the point where it meets Stadium Road will be closed from March 5 to March 20 to permit contractors to build a pedestrian underpass linking two sections of the Botanical Garden on either side of Southwest Marine Drive. The project will begin only if current weather conditions improve. Traffic approaching the campus on this route will detour via 16th Avenue and the East Mall.

## MUSEUM OF ANTHROPOLOGY

An exhibit of *Chinese Children's Art: Selections from Luda Municipality, Liaoning Province, People's Republic of China,* continues at the museum until August 24, 1980. Museum, 6393 Northwest Marine Dr.

## FINAL ORAL EXAMINATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Listed below are scheduled final examinations for the degree of Doctor of Philosophy at the University. Unless otherwise noted, all examinations are held in the Faculty of Graduate Studies Examination Room, General Services Administration Building.

**TUESDAY, MARCH 18, 2:30 p.m.:** ADIB ROWHANI, Plant Sciences; *Characterization of Potato Leafroll Virus.*

**TUESDAY, MARCH 18, 2:30 p.m.:** FRANK M. WOLF, Commerce and Business Administration; *A Positive Theory of Managers' Decisional Behavior in Public Accounting Firms.*

## EXHIBITION

An exhibition of works by *Senior Painting Students of the Art Education department* continues until March 27, Monday through Friday, 9:30 a.m. to 5:30 p.m. AMS Art Gallery, Student Union Building.

## THURSDAY, MARCH 20 (Continued)

12:30 p.m. **ORGANIZATIONAL BEHAVIOR WORKSHOP.** Prof. Ronald N. Taylor, Commerce, UBC, on *The Manuscript Review Decision Making Process.* Room 319, Angus Building.

**WOMEN STUDENTS' OFFICE Lecture Discussion** with Dr. Lorette K. Woolsey, director, Women Students' Office, on *Interview Techniques.* Room 223, Brock Hall. **H.R. MacMILLAN LECTURE.** Prof. Wen-yue Hsiung, chairman, Forestry, Nanking University, People's Republic of China, on *Forests and Forestry Practice of China.* Room 166, MacMillan Building.

2:30 p.m. **PHYSICS CONDENSED-MATTER SEMINAR.** Myer Bloom, UBC, on *The Physicist's Model Membrane.* Room 318, Hennings Building.

**PHILOSOPHY SEMINAR.** Marc Cohen, University of Washington, on *Aristotle and Individuation.* Penthouse, Angus Building.

3:30 p.m. **RESOURCE ECOLOGY and PLANNING COUNCIL Colloquium.** F.E.A. Wood, Department of Fisheries and Oceans, on *The Salmonid Enhancement Program.* Room 14a, Hut B-6.

4:00 p.m. **PHYSICS COLLOQUIUM.** John Hall, N.B.S., University of Colorado, on *Precision Laser Spectroscopy.* Room 201, Hennings Building.

7:30 p.m. **PERIODICAL WRITER'S ASSOCIATION OF CANADA Seminar.** Audrey Grescoe, Vancouver freelancer and former editor, *Calgary Magazine,* on *The Taxman Cometh.* Registration essential; limited to 35. Further information, Centre for Continuing Education, 228-2181, locals 221/225.

8:00 pm. **THE CENTRE FOR CONTINUING EDUCATION** presents Dr. Lee Pulos, clinical psychologist, in a lecture/discussion on *Visions of the Future Mind: Recent Developments in Hypnosis and Parapsychology.* Lecture Hall 2, Woodward Instructional Resources Centre. \$4; students, \$3. Information 228-2181, local 261.

## FRIDAY, MARCH 21

9:00 a.m. **PEDIATRIC GRAND ROUNDS.** Dr. John Gossage, Royal Columbian Hospital, on *Evolving Concepts of Child Abuse, Neglect and Advocacy.* Lecture Hall B, Heather Pavilion, Vancouver General Hospital.

11:30 a.m. **DEVELOPMENTAL MEDICINE SEMINAR.** Dr. D.W. Rurak, Centre for Developmental Medicine, on *Oxygen Consumption in the Fetus.* Room 15, Centre for Developmental Medicine, 811 W. 10th Ave.

12:30 p.m. **MUSIC EDUCATION Spring Concert Series.** *Le Carnaval Des Animaux—Grande Fantaisie Zoologique* by C. Saint-Saens/Ralph Berkowitz, for two pianos, narration, related video. Pianists: Sandra Davies and Allison Star; Ogden Nash poems narrated by Alex McLeod, Music Education, Room 100, Scarfe Building.

**CAREER ORIENTATION FOR WOMEN.** A panel-discussion on *Women Working in the Media* with Moira Farrow, *Vancouver Sun;* Wendy Strazdine, CBC TV's *Pacific Report;* Karen Wilson, CBC Radio; and Joy Metcalfe, publicist. Room 2238, Buchanan Building. Free.

1:00 p.m. **MEDICAL GENETICS SEMINAR.** Drs. B. McGillivray, D. Kalousek, D. Shaw and F. Dill on *Amniocentesis: The First 1000 Cases.* 4th floor conference room, Health Centre for Children, VGH.

**ADULT EDUCATION SEMINAR.** Bill Darnell and Meg Blackwell on *Creation of Work-Related Instructional Materials and Lessons.* Adult Education Department, 5760 Toronto Rd.

2:30 p.m. **GEOLOGICAL SCIENCES SEMINAR.** Dr. George Farrow, Dr. Cam Nelson and Bob MacDonald on *Marine Geology of Eastern Juan de Fuca Strait.* Room 350A, Geological Sciences Building.

3:30 p.m. **OPTIMIZATION SEMINAR.** Prof. R. Wets, Mathematics, University of Kentucky, on *Convergence of Closed Functions and Closed Sets with Applications to Optimization Techniques.* Room 1100, Mathematics Building Annex.

**LINGUISTICS COLLOQUIUM.** Dr. Brian Newton, Literature, Languages and Linguistics, SFU, on *Why the Future Is Not Like the Past in Greek.* Room 2225, Buchanan Building.

**PHARMACOLOGY SEMINAR.** Dr. Richard Weinshilbom, chief, Clinical Pharmacology Unit, Mayo Foundation, on *Inherited Variations in Neurotransmitter and Drug Metabolism.* Lecture Hall 3, Woodward Instructional Resources Centre.

**COMPUTER SCIENCE COLLOQUIUM** with Dr. Michael Overton, New York University. Room 301, Computer Sciences Building.

8:00 p.m. **UNIVERSITY SINGERS,** directed by James Schell, perform *Music of Brahms, Ravel and Chatman.* Recital Hall, Music Building.

8:15 p.m. **CLASSICS WORKSHOP,** presented by Classics, UBC, the UBC Centre for Continuing Education and Vancouver Chapter AIA. The inaugural lecture is open to the general public and features John Ward-Perkins, F.B.A., former director, British Academy in Rome, on *Recent Excavations at Ptolmeita.* Theatre, Museum of Anthropology, 6393 Northwest Marine Dr.



8:30 p.m. **BARN DANCE** at International House, with Ken Oakley calling. Members, 75 cents; non-members, \$1.50.

## SATURDAY, MARCH 22

9:00 a.m. **CLASSICS WORKSHOP** on *The Greek and Roman Town* continues until 4:30 p.m. in the Lounge, Museum of Anthropology, 6393 Northwest Marine Dr. Admission charge. For details, contact Centre for Continuing Education, 228-2181, locals 212, 253.

8:00 p.m. **UKRAINIAN READINGS AND SONGS** of the works of poet Taras Shevchenko, presented by UBC's Centre for Continuing Education, with visitors from Kiev, Ukraine. Conference Room, Centre for Continuing Education. Admission, \$2, at the door. For information, call 228-2181, local 244.

**UBC STAGE BAND,** directed by Gary Guthman, perform in the Old Auditorium.

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<b>Third Troisième class classe</b>			
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