

Campus bustling with summer activities

Thousands of students are on campus for the first time today (July 2, 1980) and will be attending Summer Session until August 15.

For newcomers and those returning, some of the many activities and events planned for this summer are listed below. Details of daily activities are

listed free in the weekly UBCalendar (see back page). Notices of upcoming events are welcomed. Please note deadlines posted in each issue.

The following activities are all sponsored by the Summer Session Association, which serves as the student council for Summer Session students.

Summer Screen '80 is a film series paid from association fees and set up by Sandy McGechaen from the Centre for Continuing Education. These free films are shown every Monday, Wednesday and Friday from July 11 to Aug. 1 in the Woodward Instructional Resources Centre starting at 7:30 p.m.

Monday and Wednesday the films are from the National Film Board with the emphasis this summer on B.C.-produced films. Friday nights current commercial feature films such as *Animal House* and *Seven-per-cent Solution* are shown.

Music for Summer Evenings is a free concert series directed by Prof. John Loban from the music department and co-sponsored by the Music Performance Trust Fund, the UBC Department of Music, and the association.

Artists featured will be prominent Vancouver musicians, including members of the Vancouver Symphony Orchestra, and faculty from the UBC Department of Music. The concerts will run from July 7 to Aug. 7, with performances Mondays and Thursdays at 8 p.m. in the music building recital hall.

The Noon Hour Concert Series features professional musicians in daily outdoor concerts held in different areas of the campus. Concerts will be from 12:30 to 1:30 each day with the first week's performances in the SUB plaza, featuring jazz groups and a woodwind quintet.

An evening Folk Dancing Program is planned for this summer, but is not yet finalized. Watch for details in UBCalendar.

Special Events to look forward to include a Japanese dance group which will be coming into town this summer and performing at UBC one afternoon; and a drama poetry reading to be scheduled one noon-hour.

In addition to those planned and sponsored by the Summer Session Association, there are a variety of other things for you to do at UBC in the summer.

The Centre for Continuing Education offers summer courses ranging from a Shakespearean Festival Study Tour to Ashland, Oregon, to a Couple Enrichment Workshop. The centre also arranges special tours of the Botanical Garden and the Museum of Anthropology, and special events such as a barbecue on Aug. 1 and a garden party July 22. Call for details and a brochure: 228-2181.

Rehearsals are underway for the second production of the summer by UBC's summer stock theatre company, Stage Campus '80.

The group is performing Thomas Middleton and William Rowley's *The Changeling* (no relation to the currently playing film of that name) from July 9 to 19. The play, directed by Ian Fenwick, is a Jacobean drama which "explores the psyche of a beautiful but unscrupulous woman."

Summer productions are staged in the Dorothy Somerset Studio located downstairs in the Frederic Wood Theatre. The ticket price for adults is \$3.50, for students, senior citizens and children, \$2.50. On Sunday evenings admission is on a pay-as-you-can basis. Performances begin at 8 p.m.

People attending Summer Session or enrolled in any other UBC summer course qualify for the \$2.50 student rate.

Please turn to page 3
see CAMPUS

UBC reports

Volume 26, Number 13, July 2, 1980. Published by Information Services, University of B.C., 2075 Wesbrook Mall, Vancouver, B.C. V6T 1W5, 228-3131. Jim Banham and Judie Steeves, editors. ISSN 0497-2929.

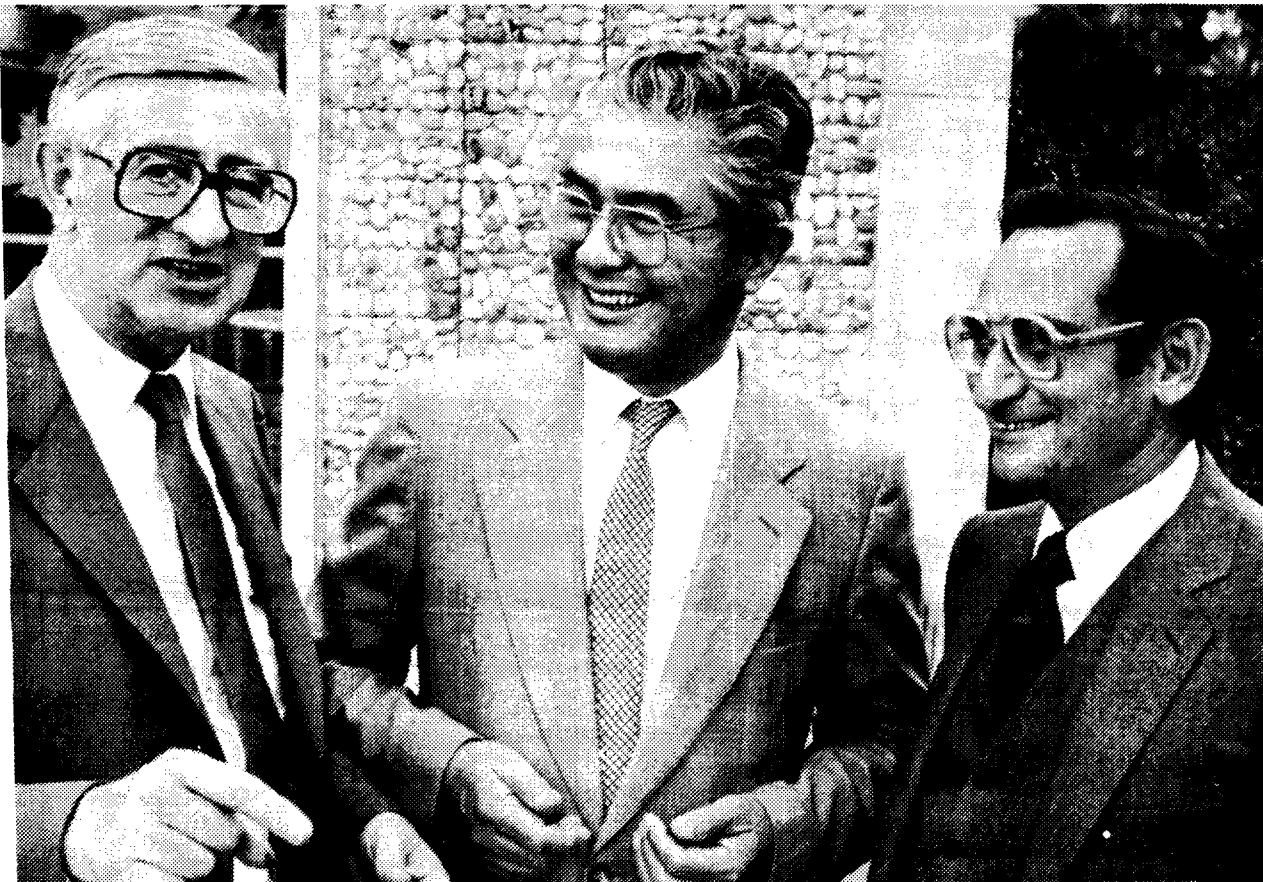


Photo by Jim Banham

UBC President Douglas Kenny has announced a special fellowship which will allow a senior scholar from a China university to spend up to four months at UBC within the next year. Shown above are (left to right) President Kenny, Rong Yiren, chairman and president of the China

International Trust and Investment Corporation, and UBC dean of Commerce Peter Lusztig. Mr. Yiren will arrange selection of the student from China, and the fellowship is being arranged through UBC's Faculty of Commerce and Business Administration.

UBC announces China fellowship

A senior scholar from China will study for four months at UBC under terms of a special fellowship announced last week by President Douglas Kenny.

Dr. Kenny said the fellowship, made available through the Faculty of Commerce and Business Administration, would bring an English-speaking Chinese to UBC for the period September through December this year, or January through April of 1981.

The fellowship marks the visit to Canada of Rong Yiren, chairman and president of the China International Trust and Investment Corporation (CITIC), who is in Western Canada at the invitation of UBC and the Bank of B.C.

Rong Yiren spoke June 24 at UBC to a number of B.C. business leaders who have expressed interest in trade with China or in investing there. Investment in China is facilitated through the CITIC.

UBC dean of Commerce Peter Lusztig said he would like to see the initial fellowship filled by a senior scholar in enterprise management or industrial economics, with Rong Yiren arranging the selection.

Dr. Kenny said he hoped that the scholar's visit would lead to subsequent exchanges by younger students "and a new understanding between future managers of our two economies."

UBC heading for academic-year enrolment high

With a record fiscal-year enrolment already recorded, it now seems certain UBC is also headed for a record academic-year enrolment of more than 33,000 students.

In the fiscal year which ended March 31, the University boasted a record enrolment of 32,607 students, an increase of 2.2 per cent over the 1978-79 fiscal year enrolment, which saw 31,895 students attend credit academic programs at UBC.

Here's an enrolment breakdown on UBC's last fiscal year enrolment, which covers the three academic sessions between April 1, 1979 and

March 31, 1980:

1979 spring session - 2,757 students;
1979 summer session - 4,153; 1979-80
daytime winter session - 23,161;
1979-80 evening winter session - 1,183;
and 1979-80 correspondence - 1,353.
TOTAL - 32,607.

UBC totals its enrolment on a fiscal-year basis for the purpose of making its annual submission to the Universities Council of B.C., which makes recommendations to the provincial government on university funding.

UBC also computes its enrolment on the basis of its academic year, which runs from Sept. 1 to the follow-

ing Aug. 31, for academic-program purposes. If registration for the current summer session meets an expected 4,200 students, UBC's 1979-80 academic-year enrolment will exceed 33,000 students.

Here's how the 1979-80 academic-year enrolment breaks down:

1979-80 daytime winter session - 23,161 students; 1979-80 evening winter session - 1,183; 1979-80 correspondence - 1,353; 1980 spring session - 3,017 [up from 2,757 in 1979] and 1980 summer session - 4,200 [estimated]. TOTAL - 33,014.

UBC's current spring session, which began April 30, continues until July

31. The 1980 summer session, which begins today [Wednesday, July 2], will continue until mid-August.

Also now on the campus for a program that continues until mid-July are more than 600 retired people who are participating in a series of non-credit courses arranged through the UBC Centre for Continuing Education.

And looking forward a bit, registration for UBC's 1980-81 daytime winter session will begin Tuesday, Sept. 2, the day following the Labor Day holiday. Lectures for students in some UBC professional schools start Sept. 3, but for most students the 1980-81 winter session will start Monday, Sept. 8.

Director named for new co-ordination office

Robin E. Russell, an 11-year employee of UBC's Computing Centre, has been appointed the first director of the new University Co-ordination Office, which will implement the recommendations of a report on University administrative information systems.

The report, prepared by a four-member task force headed by Computing Centre director James Kennedy, who has since been named vice-president designate for University services, made 14 recommendations calling for a major overhaul of UBC's administrative information systems.

Ms. Russell, who was a member of that task force, will head a staff of five in revising the present system so that it will generate timely and accurate information needed for planning, management and financial reports by the UBC administration and other academic units.

Establishment of a University Co-ordination Office was one of the 14 recommendations made by the task force. The office will expedite development of information systems and communicate with all parts of the University on the enforcement of standards in such matters as the encoding of information and the design of major interdepartmental forms.

The task force also recommended:

- Assignment of top priority to the development of computer-based personnel information systems for both faculty and staff employed by UBC and for the University's purchasing system;
- Creation of a computer-based biographical file and lists of publications by faculty members, together

Exam changes recommended

UBC's 12 faculties have been requested to report back to Senate by November on the recommendations contained in a 14-page report on examinations prepared by a seven-member ad hoc committee of UBC's academic parliament.

The report, which has widespread implications for UBC's larger faculties and a number of administrative departments, recommends among other things that:

- A four- to five-day study period (including weekends) be inserted between the end of classes and the beginning of exams in December and April;
- The University consider ways of completing course registration prior to Labor Day so that lectures can begin the day following the national holiday and provide time for a study period in December;
- Final exam schedules for December and April be made available to students prior to registration for the academic year; and
- Exam periods be shortened by scheduling exams in the evenings and on Saturdays.

The Senate ad hoc committee on examinations, which was chaired by Dr. Lawrence D. Jones of the Faculty of Commerce and Business Administration, made a total of seven recommendations in its report.

The committee was established as the result of a Senate motion approved in March, 1979, which requested an examination of the timing and length of UBC exam periods as well as the desirability of the recommended study breaks, the feasibility of linking the exam schedule to the course schedule, and policy with regard to students writing more than one exam in the same day.

In its report, the ad hoc committee says the issues that flow from its mandate are "complex and required the committee to be concerned with many

with provision for easy annual updating or as needed;

- Generalization of University financial systems by inclusion of a new coding system which can be used to classify transactions for reporting purposes;
- Preparation of a manual outlining office procedures and services to meet the needs of staff members; and
- The redesigning of University forms to reduce their numbers, eliminate re-typing and re-copying, and facilitate data entry into the computer.

Ms. Russell, who graduated from UBC in 1968 with a Bachelor of Science degree in mathematics, has held a number of positions in the UBC Computing Centre, progressing from a computer programmer to computing analyst to her present position as the University's database administrator.

As database administrator she has had responsibility for UBC's administrative data resource, including data management planning, data access analysis and design, data user education and co-ordination and data monitoring and control.

In addition to chairing a number of committees on computing matters, Ms. Russell served as chairman of the president's initiatives for women study committee on the employment of women in non-academic positions in 1977 and currently chairs a working committee on the student service appointment process.

She was associated with the organization of the Association of Administrative and Professional staff at UBC and served as association president in 1977-78.

functions of the University, including physical space limits, staffing costs, the course registration system, the academic calendar and scheduling of field schools, special seminars and practica as well as alternative methods of scheduling both examinations and course offerings."

Here are the other recommendations made by the committee:

- Departments and schools be requested to review their needs for common examinations with a view toward eliminating unnecessary common examinations and reducing the number of course timetable sequences utilized by multi-section courses offering common examinations, this review to take place during the 1980-81 academic year.
- Examination scheduling be based upon a scheduling method in which examination groups are populated by courses with common times in the course timetable. Additional examination time blocks may be provided for multi-section courses designated by the responsible department or school as courses for which a common examination is desirable on educational grounds. The registrar be instructed to adopt the 1981-82 examination schedules as the target date for implementation of this recommendation.
- The administration be requested to institute an examination of the appropriateness of the standard time sequences presently utilized for course scheduling with the objective of developing a set of time sequences which better fit the needs of the various faculties and are likely to be more heavily utilized than the present time sequences, this evaluation to be conducted within a time frame that would permit introduction of any new time sequence into the 1981-82 timetable.



Photo by Jim Banham

Computing Centre's database administrator Robin Russell has been named the first director of the new University Co-ordination Office, recommended in recent report of Task Force on University Information Systems. For details, see story below. Alvin Fowler, currently associate director of the Computing Centre, becomes its director on July 1. He succeeds Prof. James Kennedy, who has been named vice-president for University services. Mr. Fowler's appointment was detailed in the June 18 edition of UBC Reports.

UBC faculty awarded research grants

Five members of the UBC faculty in Arts and Education have been awarded research grants totalling \$64,892 by the Social Sciences and Humanities Research Council.

The largest single grant went to assistant professor of economics Peter Chinloy, who will use \$24,101 for a study entitled "Sequential Search for Housing in Canada."

Other SSHRC grant recipients were:

- Dr. Leslie Greenberg, assistant professor of Education, who was awarded \$16,527 for a project entitled "Task Analysis of Adult Decisional Conflict";
- Prof. Peter Suedfeld of the psychology department, who will use a \$9,835 award for "Archival Research in Integrative Complexity";
- Prof. Mark Zacher of the Institute of International Relations, who will study "The Structure of International Economic Decision-Making" with a grant of \$9,586; and
- Dr. Hector Williams, who will carry out a study of "Late Roman and Byzantine Lamps from Anamur, Turkey," where UBC's classics department has carried out extensive excavations of a ruined city over the past decade.

A research team in UBC's Department of Physics has been awarded a \$115,000 PRAI (Project Research Applicable In Industry) grant for research and development on light ducts, which will carry a large amount of light from a high-intensity source to a distant location.

Light ducts are hollow pipes with specially shaped plastic walls that act as very efficient mirrors, thus causing the light entering the ducts to be transmitted to the exit with very little loss.

The ducts will have several applications, such as providing light in industrial situations where there is a potential for explosions, transmitting solar energy to appropriate absorbers, interior lighting in large offices and hospital operating room illumination.

The physics department research team will work closely with Vortek Industries Ltd. of Vancouver to ensure the marketability of the project.

Discovery patented through UBC

A UBC chemical engineer has made a significant discovery affecting the pulp and paper industry.

Colin Oloman has discovered a new method of producing hydrogen peroxide which is used as a bleach. The chemical is replacing some other bleaches because it is less environmentally damaging.

Hydrogen peroxide is now shipped into B.C. from the U.S. The price to Canadian pulp and paper companies is about \$1.10 a kilogram.

Using Mr. Oloman's method, pulp and paper companies would be able to produce their own hydrogen peroxide at the mill site. Cost of the peroxide might be half that of the imported chemical.

The new process has been proven in large-scale laboratory conditions. Patents have been taken out through the University, and a number of chemical and pulp and paper companies are interested in entering into an agreement to develop the process on a commercial scale.

In Mr. Oloman's process, oxygen is introduced to caustic soda in water.

Electricity is applied and the result is hydrogen peroxide, which has one more atom of oxygen in its molecule than water.

About six kilowatt-hours of energy would be needed to produce one kilogram of peroxide. The reaction takes place in a reactor under 10 to 20 times normal atmospheric pressure.

Mr. Oloman, an assistant professor in UBC's Department of Chemical Engineering, said U.S. peroxide producers are increasing their capacity to meet an anticipated major increase in demand. He said B.C. mills now use about 10 tonnes per day, but have a potential to use up to 100 tonnes per day.

He said it will be at least two years before his process is available to B.C. mills. "This assumes that all goes well," he said. "At the moment in the laboratory we are producing one kilogram a day. And our longest continuous run has been one month."

"A viable commercial unit would have to produce 1,000 kilograms a day and be able to run year-round."

Student Health Service now in new hospital

The Student Health Service has moved into its new home in the Walter C. Koerner acute care unit on campus. But some of its services will remain in the Wesbrook Building until they become available in the unit later this summer.

X-ray services will continue in Wesbrook until the unit's radiology department goes into operation later this month. And the student hospital will remain on the third floor of Wesbrook until the unit begins accepting its first patients this fall.

Student emergencies will be handled by Student Health Service Monday to Friday, 8 a.m. to 4 p.m.

All other emergencies, including

after-hours student emergencies, should be directed to the third-floor hospital area of the Student Health Service in Wesbrook. This emergency service will continue until the acute care unit's emergency department goes into operation this fall.

The Wesbrook hospital emergency number remains 2525. But the number for the Student Health Service in the acute care unit is now 228-7011.

Campus users must dial the prefix 228 followed by the local number to reach any telephone in the psychiatric, extended care or acute care units making up the John F. McCreary Health Sciences Centre Hospital.

Names submitted for research awards

UBC has submitted the names of 22 candidates for a new program of university research fellowships announced recently by the Natural Sciences and Engineering Research Council (NSERC).

Up to 100 of the new five-year awards valued at \$23,500 a year will be made this summer to "a select number of very promising researchers in the natural sciences and engineering" for a potential expenditure of about \$2.35 million in 1980-81.

NSERC says the research fellowships will "assist Canada in the maintenance of university research and development and in the provision of an adequate supply of promising and highly qualified researchers in Canadian universities to help meet the

expected increased demand for new faculty appointments in the early 1990s caused by an increased retirement rate of existing faculty and increased student enrolments."

Candidates for the awards must hold a doctoral degree in the natural sciences or engineering and have qualifications and experience equivalent to that normally required for appointment to the rank of assistant professor.

The first awards will be made by Aug. 31. NSERC fellows will be provided with an annual operating grant for an initial establishment period of up to three years.

Details on the program are available from UBC's research administration office, 228-3652.

Others invited to attend Botany meet

About 1,000 plant-science experts from all parts of the world are expected at UBC July 12-16 to attend Botany 80 — the third combined meeting of the Canadian Botanical Association and the Botanical Society of America.

The five-day meeting will include day-long symposiums on such topics as plants and the native Indians of North America, plants and energy, and shoreline enhancement, rehabilitation and restoration.

UBC organizers said many of the topics to be discussed would appeal to teachers and researchers who are not

directly involved in botanical studies, including anthropologists, oceanographers, ecologists, foresters, home economists, food scientists and historians.

Detailed information on the Botany 80 program is available from the UBC botany department, 228-6958 or 3353. A one-day registration fee of \$10 will enable individuals from allied disciplines to attend the sessions that interest them.

The meetings open at 9:15 a.m. July 12 with an introduction by Dr. Roy Taylor, director of UBC's Botanical Garden.

Campus active during summer session

Continued from page 1

The Stage Campus company is made up of 15 students from UBC's theatre department. Ten of the students are in the cast while the other five members work behind the scenes as designers, managers and technical directors.

For the company's first production this season, extra seats had to be added to the studio to accommodate overflow crowds. That play, *St. Carmen of the Main* by Michel Tremblay, ended its run June 21.

The third play of the summer will be *Habeas Corpus*, a comedy by Allan Bennett. The play is a farce which abounds with comic stereotypes and mistaken identities. It is directed by Rex Buckle and runs August 6 to 16.

For tickets and information about the Stage Campus productions, call 228-2678 or go to Room 207 of the Frederic Wood Theatre building.

The Aquatic Centre has a new schedule of hours for the months of July and August. The pool is open every day with special hours for public swims, adult swims and UBC staff, faculty and student swims.

Fees for the sessions are: adults \$1.00, students 75 cents, seniors and children 50 cents. Staff, faculty and student swims are free for year-round students, 75 cents for summer session students (bring library card for ID).

The fitness area will be open for all sessions except the 10:30 p.m. to 12:30 a.m. adult swims.

For information on session times call 228-4521.

The Museum of Anthropology exhibitions this summer include Chinese Children's Art: Selections from Luda Municipality, Liaoning Province, People's Republic of China; and student exhibitions such as Contemporary Salish Weaving. For museum tours call 228-3825.

The Botanical Garden includes the Rose Garden, Nitobe Memorial Garden, the Alpine Garden, Asian Garden and B.C. Native Garden. Most are at their colorful best during the summer. Consult a campus map for locations of the different garden areas or call 228-3928.

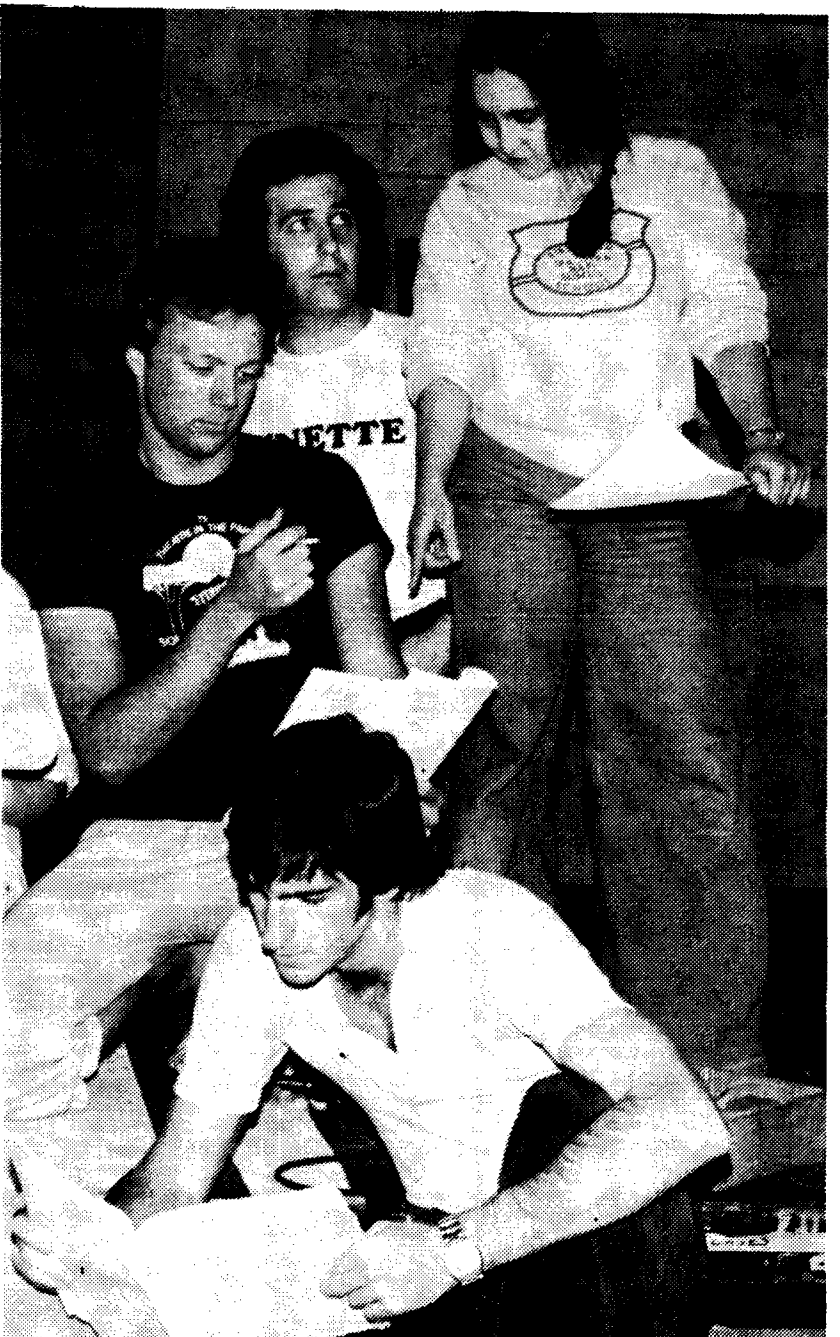
The M.Y. Williams Geology Museum, located in the Geological Sciences Building, contains B.C.'s only dinosaur skeleton, and the largest and most comprehensive mineral collection in B.C.

Milking time is 2:30 at the Dairy Cattle Research and Teaching Unit — a working dairy barn which also provides tours for the public. Phone 228-4593 to arrange one.

For further information about UBC's features, or to arrange a general walking tour of the campus, call Information Services at 228-3131.



"Inactivity" (shown at left) could be your choice for a summer UBC "activity" between or after classes — or you might choose a more active "activity" as demonstrated at right in photo. Both are taking place at the UBC Aquatic Centre's outdoor pool daily (well...when the sun shines).



Members of Stage Campus '80, UBC's summer stock theatre company, are now in rehearsal for their second production of the season, Thomas Middleton and William Rowley's *The Changeling*. The play runs from July 9 to 19 at the Dorothy Somerset Studio.

Photo by Lorie Chorney

