

## President agrees to three-year extension of contract

The University of B.C.'s Board of Governors announced today that Dr. Douglas Kenny had agreed to a three-year extension to his present five-year contract as president of UBC.

President Kenny's decision to accept the extension will mean that he will continue to serve as UBC's president until July, 1983. His present five-year contract would have expired on June 30, 1980.

Board chairman Ian Greenwood said the Board "took great pleasure" in being able to announce that Presi-

dent Kenny had agreed to the extension. "I am personally very pleased that the Board and the University will continue to have the benefit of Dr. Kenny's expertise and leadership over the next five years," he said.

Mr. Greenwood said it was timely for the Board to consider an extension to Dr. Kenny's contract, which had just over a year left to run. He added that it was Dr. Kenny's preference that the extension should be for three years, rather than a longer period.

Dr. Kenny, a native of Victoria,

became UBC's president on July 1, 1975, after a 25-year career as teacher, researcher and administrator. He holds the degrees of Bachelor and Master of Arts in psychology from UBC. He received his Ph.D. in psychology from the University of Washington in 1952.

Dr. Kenny joined the UBC faculty in 1950 and was named head of the psychology department in 1965. He became associate dean of the faculty of Arts in 1969 and dean of the faculty the following year. He served as dean

of Arts until his appointment as UBC's president.

Dr. Kenny has been deeply involved in UBC affairs since joining the faculty. He is a former president of the Faculty Association and served on a number of key University and Senate committees before becoming president.

As a teacher and researcher in psychology, his interests lay in the areas of personality and learning, developmental psychology and patterns of child development.

Dr. Kenny was a member of the Canada Council from 1975 to 1978, when he was appointed for a three-year term to the new Social Sciences and Humanities Research Council, which makes grants to assist scholarship and research in the humanities and social sciences.

President Kenny talked recently to *UBC Reports* about the problems and prospects for higher education at UBC in 1978. The interview appears in this edition on page 2.

# UBC reports

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## UBC will borrow funds to finish Asian Centre

UBC will borrow \$3,591,952 to complete construction of the campus Asian Centre adjacent to the Nitobe Memorial Garden. An announcement that UBC had been authorized to borrow the funds was made Saturday (Nov. 4) by education minister Dr. Patrick McGeer, who said the provincial government had acted on the advice of the Universities Council of B.C.

Completion of the Asian Centre will provide a visible focus for the promotion of scholarship on Asia and the furtherance of Asian-Canadian cultural understanding.

"We're naturally very pleased that the government has agreed that we proceed with completion of the Asian Centre," said UBC president Douglas Kenny. "It means that at last we will have a centralized point for Asian collections now scattered on campus, as well as a centre for research dedicated to Asian culture. The Asian Centre will also provide a meeting ground for scholars, artists and laymen from the general public."

The Asian Studies Library to be located in the centre will provide seating for 100 readers and shelf space for 250,000 volumes, along with the normal library services of information, reference and circulation.

The centre will also contain a modest performance and display area to accommodate University functions and which will be available on a bookable basis to local organizations in the Asian community for special events, displays or performances.

One of the big contributions of the Asian Centre will be the freeing up of considerable space in the already badly overcrowded Main Library. Movement of the Asian Studies collection to the Asian Centre will release to the Main Library shelf space for 150,000 volumes and an additional 2,230 square feet of floor space, which can be converted into shelf space for 40,000 volumes or reader space for 100 users.

Completion of the project will provide approximately 21,500 man days of work and will take an estimated 14 to 16 months.

## 'Birds face Friday test against Wilfrid Laurier

The University of B.C. Thunderbirds have two big football games coming up at Empire Stadium — this Friday night, Nov. 10, and again on Saturday night, Nov. 25.

In between, the 'Birds hope to be playing in Toronto on Nov. 18 for the intercollegiate championship.

UBC meets Wilfrid Laurier this Friday at 8 p.m. at Empire Stadium in the Western Bowl, or the Canadian intercollegiate semi-final. They got into the game by knocking off the University of Calgary last Saturday, while Laurier dumped the University of Western Ontario.

Tickets for Friday night's game — \$5 for faculty and staff and \$3 for students — are available at Vancouver Ticket Centre outlets, at the athletic office in the War Memorial Gym-

nasium, and will be on sale Friday night at Empire Stadium.

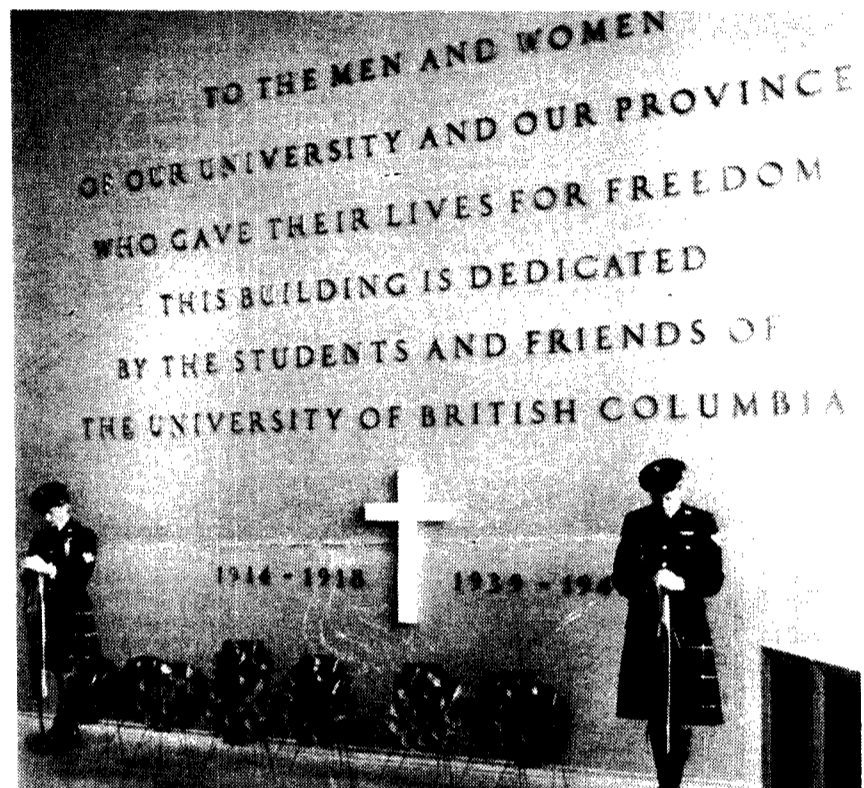
On Saturday, Nov. 25 at 8 p.m. at Empire Stadium, UBC meets Simon Fraser University in a renewal of the Shrum Bowl, last played in 1971.

Nets proceeds of the Shrum Bowl will go to the United Way campaign.

Tickets are \$5 for seats under cover and \$3 for seats in the open. There are also 3,000 under-cover tickets available at \$2 each for UBC students and they are on sale until 5 p.m. on Nov. 20 in the Student Union Building.

Some \$5 Shrum Bowl tickets are also on sale in SUB. Otherwise, \$5 and \$3 tickets can be obtained at any Eaton's store or Vancouver Ticket Centre outlet.

The Shrum Bowl will be played under Canadian rules.



UBC and community organizations will take part in traditional Remembrance Day ceremonies on Saturday (Nov. 11) beginning at 10:45 a.m. in the War Memorial Gym. Eleven wreaths will be placed at the foot of the Memorial Wall. Faculty, staff and students are invited to attend. University will be closed Monday (Nov. 13) in observance of Remembrance Day.

## Better speaking skills club aim

Dr. Ralph Yorsh is out to improve public-speaking skills at UBC.

He's the man behind the organization of a UBC branch of the Toastmasters International Club, which meets Thursdays at 7:30 p.m. in the faculty lounge (Room 278) of the Faculty of Forestry in the H.R. MacMillan Building.

Membership is open to anyone in the University community, says Dr. Yorsh, who lectures in UBC's Faculty of Dentistry.

So far, 10 students from several faculties, including Law, Applied Science and Arts have joined up. Dr. Yorsh says the activities of the club will be of interest to students who are entering professions where public speaking is a job factor, and he thinks the club could also raise the standard of teaching at UBC.

He says many branches of the club are located on university campuses. Toastmasters International boasts 65,000 members who belong to 4,000 clubs in 43 countries.

Dr. Yorsh says each meeting begins with a brief procedural lecture on speaker introduction and evaluation. After that, each member is expected to participate in the meetings, with

the emphasis on speaking technique and immediate evaluation.

Membership in the club is limited to between 20 and 40 persons. The annual fee is \$30, plus an initiation fee of \$10. Fees provide members with a monthly magazine and a speaker's manual.

## Campus ECU gets teaching grant

The provincial ministry of health has agreed to give UBC an additional \$132,828 for 1978-79 to cover patient-care costs associated with teaching in the extended care hospital on the UBC campus, UBC President Douglas Kenny has announced.

Dr. Kenny said the ministry earlier had allotted \$82,160 for the same purpose, bringing the total to \$214,988 — only \$1,000 below UBC's original estimate of indirect teaching costs in the new hospital.

The 300-bed extended care unit was officially opened on July 12, 1977, by Health Minister Robert McClelland and Education Minister Pat McGeer.

Dr. Kenny said the \$214,988 would cover the salaries and fringe benefits of 12 positions in the hospital.

# An interview with President Kenny

UBC's president, Dr. Douglas Kenny, is now in his fourth year as the University's chief executive officer. Recently, he took time out from his busy schedule to talk to *UBC Reports* about the problems and prospects facing the University in 1978.

**UBC REPORTS:** How would you describe the state of the University at this juncture in its history?

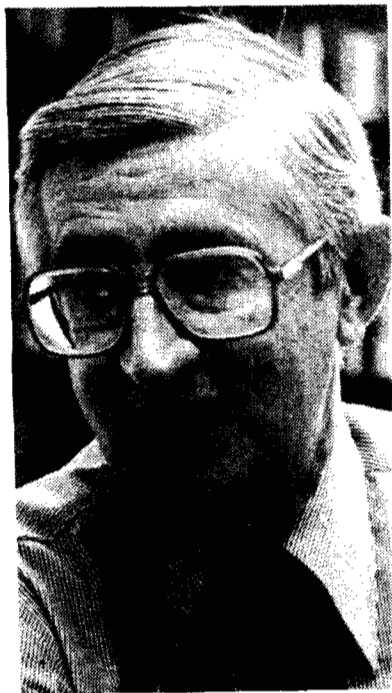
**PRESIDENT KENNY:** UBC, like other major universities in Canada, finds itself in a situation that is the result of the tremendous expansion of higher education since the Second World War.

While Canadian universities responded well to rapidly increasing enrolments and the need for new buildings and other facilities, the upshot has been an unevenness of quality in most Canadian universities. We're simply not able to offer the overall high quality of education that our students demand and which I think Canadians have a right to expect.

**UBC REPORTS:** How has this manifested itself at UBC?

**PRESIDENT KENNY:** In some areas of great strength that are as good as anything you can point to in Canada...and some remarkable pockets of weakness. The central problem for this University in the years ahead is finding the resources to strengthen existing departments and faculties that have never had the basic resources to offer education of the highest quality.

However, I want to emphasize that in a time of financial uncertainty it is vitally important that the strength of existing areas of excellence within the University be maintained.



"Canadians will be supportive of what happens at universities if every possible effort is made to improve standards and upgrade weak spots."

**UBC REPORTS:** You don't see new programs and innovations as the central issue for UBC in the future, then?

**PRESIDENT KENNY:** That's important, but not paramount, in my mind. Universities always have to be alert to new opportunities to expand their offerings and research to meet the needs of the economy.

Let me give you one example of that — we've made a proposal to the Universities Council for establishment of a coal research laboratory at UBC. B.C. is very rich in coal resources and a lot of work needs to be done in developing new techniques for utilizing this resource, which will be of growing importance as the energy crisis deepens.

But I want to emphasize again that I don't regard this kind of expansion as UBC's major challenge. Our priorities have to be the strengthening of our existing framework of departments and faculties.

The commonest plea I have in this office from deans and department heads is money to add new faculty members, who will be able to expand the existing offerings of the University. The second most common plea is money to purchase additional supplies and new equipment. The cost of supplies for science labs has escalated in recent years and many departments are barely holding the line in terms of quality. Much of the equipment in our research labs is obsolete and needs to be replaced immediately.

**UBC REPORTS:** The University received an increase of nearly 10 per cent this year in funds for operating purposes. Has this increase enabled you to provide some relief for these problems?

**PRESIDENT KENNY:** Only in a minimal way. It's been a very small step forward in terms of new programs and strengthening existing departments. If you talk to deans, department heads and faculty, they'll tell you the increase was so minimal that it's very hard to detect.

One of the hardest hit divisions of the University outside the faculties has been the library, which is having the greatest difficulty coping with inflation and the devaluation of the dollar. Last year, the Board of Governors approved a supplementary budget of about \$487,000 for the library so it would not experience any loss in purchasing power.

But that only means the library is in an Alice in Wonderland situation...running faster in order to stand still. They simply don't have the funds to move ahead and build up collections in areas of weakness.

**UBC REPORTS:** What you've said so far implies that you believe confidence in higher education can be restored by improving the quality of education at the University?

**PRESIDENT KENNY:** That's exactly right. I firmly believe that Canadians will be supportive of what happens at universities if every possible effort is made to improve standards and upgrade weak spots within the institutions.

And I think we've taken some steps in this direction. Senate, for instance, recently raised admission requirements for the University, which are being phased in over a three-year period. Entering students will have to prepare themselves for UBC by taking a more structured program in high school.

UBC has never lost sight of the fact that students, in order to graduate with a good degree, need major or core requirements. I think standards at some Canadian universities have declined in recent years because students are free to indulge in a "cafeteria-style" of education. All they need do is amass a certain number of credits to graduate. No attempt is made to give them depth and breadth of knowledge in a specific area of study.

**UBC REPORTS:** Is there anything else you can point to that's designed to improve standards?

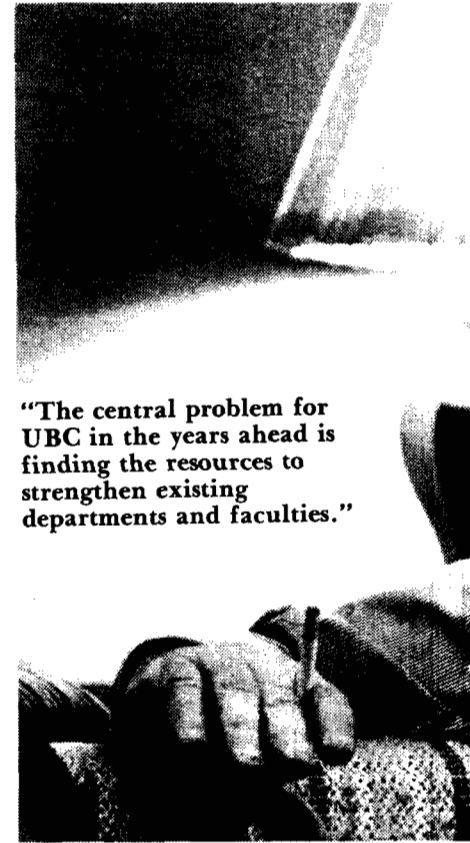
**PRESIDENT KENNY:** Yes, there is. I said earlier that our primary goal in the immediate future had to be the strengthening of existing departments. Sometimes, however, the weaknesses are difficult to pinpoint and are known about only vaguely.

One of the ways of overcoming this knowledge gap, if I can put it that way, is through periodic reviews of departments and faculties. Departmental reviews have been carried out in a number of faculties and these have been very useful in determining areas that need strengthening.

Shortly, we will begin the first reviews of faculties as a whole. Committees are being formed to review the Faculties of Science and Education. They were chosen because, in the case of Science, Dean George Volkoff is retiring, and in the case of Education Dean John Andrews has decided that



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"The central problem for UBC in the years ahead is finding the resources to strengthen existing departments and faculties."

he will step down next June 30, but will remain a member of the faculty.

The reviews will be carried out by committees that will have as their members people from inside and outside the University. The committees will be asked to deal with such questions as: Is the faculty's curriculum contemporary and is it looked at periodically in a hard way with a view to revising and updating it? Is the faculty adequately equipped to perform its educational function or is it slipping back in terms of basic needs?

These are the kinds of questions the committees will consider. Incidentally, I hope no one in either of the faculties to be reviewed will see the work of the committees as a threat. The intent is not inquisitorial; it's aimed at improving the quality of education.

**UBC REPORTS:** Can we turn briefly to a couple of matters raised this year by the Universities Council? They made the observation, in their annual statement, that UBC's operating budget seemed overweighted in terms of academic salaries. What is your reaction to that?

**PRESIDENT KENNY:** I simply can't accept that point of view.

Their statement could mean two things. If they mean we have too many faculty members, my reply is that on the basis of nationwide studies we've carried out, UBC is only average in terms of faculty-student ratio. I don't think that's good enough, and in our presentation to the council this year, we've emphasized the need for funds to hire additional faculty members to strengthen existing departments.

If the council means that we pay our faculty members too much money, I can only say that while our salaries are competitive, we don't overpay our teachers. As I've said before publicly, if the goal is quality education, we have to be prepared to hire first-class teachers and researchers. If we don't, we will have second-class education and I can't believe that's what British Columbians want.

There's something of a paradox in the council's statement. They're aware that when hard decisions have to be made about how money is spent at UBC, we opt to invest in the academic program. For the past six years, the Canadian Association of University



Business Officers has collected statistics from the 23 largest universities in Canada on the percentage allocation of funds.

Every year, UBC has placed first in the percentage of funds allocated for academic purposes, and 23rd in terms of funds allocated for non-academic purposes. I think that's something we should be proud of, and I also think it speaks volumes about where this University thinks its priorities lie.

**UBC REPORTS:** Can you summarize UBC's goals and objectives over the next few years?

**PRESIDENT KENNY:** Well, I've tried to emphasize that our primary objective is to improve the quality of education across the board at UBC by strengthening existing departments and providing funds to strengthen vital support areas such as the library.

I think, too, that this university and others in Canada will have to respond to the recently announced goals of the federal government to further emphasize areas of research that are in the national interest.

It seems likely that increased amounts of money will go into mission-oriented research. Now that course of action has its hazards, particularly if the federal government unilaterally decides which projects are important and which get funded.

University researchers have a significant role to play in identifying areas that should be of national concern. So I would hope that decisions about spending are made by government in consultation with the universities and industry.

I hope too that the federal government won't lose sight of the fact that mission-oriented research is vitally dependent on curiosity-based research, which is one of the primary functions of a university.

I think another issue Canadian universities will have to take a stand against in the immediate future is the tendency to make them increasingly provincially oriented, in short, parochial. This is largely the result of the federal government's withdrawal from the arrangements for providing operating grants for universities. There will be increasing pressures on the universities to reorient themselves to goals envisaged by provincial governments at the expense of national and international functions.

## Bus fund nears goal

Have wheels, will travel. No wheels and you stay at home.

That's what the people who live in the Extended Care Unit on campus have found and now they're just a few hundred dollars short of changing that.

There are 300 patients in the Extended Care hospital. Although most of them will likely be here on campus for some time, the hospital staff tries to encourage them not to lose track of their former neighborhood.

"We try to keep the patients involved in the community," says Kathy Scalzo, director of rehabilitation at the hospital. "We try to encourage them to go to their neighborhood church, or their Kiwanis club meeting or Legion." But without reliable transportation that's empty encouragement, she explains.

Up to this time the Extended Care Unit has made use of the Easter Seal buses "like every other organization in town," Ms. Scalzo says. But there are problems: costs are higher because UBC is classified as "out of town"; sometimes the bus is cancelled at the last minute; UBC people are first to be picked up and last to be dropped off on community outings.

The answer is obviously their own bus, and to that end \$11,900 has been raised. More than \$8,000 of that sum was raised in September when 75 extended care patients made the journey in wheelchairs from the hospital to the University Gates as a "wheelathon" event. Money has been donated by people who read about the September "push for wheels" in the paper; some \$1,200 has come from a recent raffle.

"We're pretty close to our goal now," says Ms. Scalzo. "These people want to be involved in the community and without a bus they can't get out there."

Tax deductible donations made out to the Health Sciences Centre can be sent to Kathy Scalzo, director of rehabilitation, Extended Care Unit, UBC.

## Talks continue with unions

Negotiations are continuing with three labor groups on campus as the University attempts to settle all 1978-79 contracts.

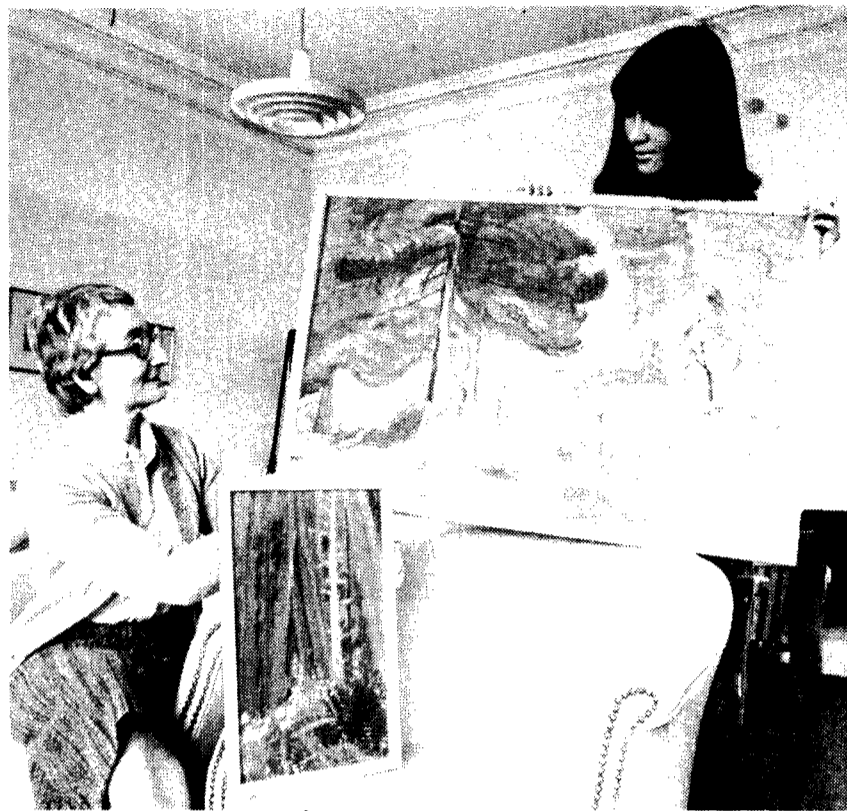
In negotiations with the 39-member Local 15 of the Office and Technical Employees Union (OTEU), six meetings have been held with provincial mediator Charles Stewart, and a seventh session was scheduled for today (Wednesday).

At the UBC Health Sciences Centre, direct negotiations are continuing between the University and registered nurses and paramedical staff.

Agreements with the Canadian Union of Public Employees, the Association of University and College Employees, the International Union of Operating Engineers, and with the UBC Faculty Association were ratified earlier.

Meanwhile, charges of common assault laid by the Crown against three members of the IUOE during the three-month strike in the spring of this year were dismissed in Richmond provincial court Oct. 25 when Judge Joel Groberman ruled there was insufficient evidence to convict.

Charged with assaulting supervisor Walter Busch were operating engineers Terry Derouin, Joseph Vizjack and Henry Houston. An additional charge against Derouin of causing willful damage was also dismissed.



Emily Carr oil paintings given to the University shortly before his death by Dr. Walter Gage are admired by fine arts secretary staff June Binkert, left, and Rosie Hanbury. Larger of the two paintings, "Happy Bushes," was a gift by Miss Carr to Dr. Gage, who first met the B.C. painter-writer while he was a teacher at Victoria College from 1927 to 1933. Dr. Gage and Dr. Ruth Humphrey, a former UBC faculty member who was also teaching at Victoria College then, put Miss Carr in touch with Dr. Ira Dilworth, a Victoria College colleague, who encouraged Miss Carr's writing activities and edited them for publication. Dr. Gage visited Miss Carr and wrote to her from time to time until her death in 1946. The smaller painting shown above is entitled "Summer—Mount Douglas 1942." A third Carr painting owned by Dr. Gage, entitled "Quiet," was donated to UBC in 1963.

## UBC chemical engineer dies

Prof. Kishan B. Mathur of the Department of Chemical Engineering has died at the age of 49. He had been with UBC for 11 years.

His invention of the "spouted bed" process, which has been applied in a number of industries, won him "The Inventor" award of Canadian Patents & Development Ltd. in 1969.

Dr. Mathur was born in Delhi, India, where he received a diploma in chemical engineering in 1949. A year later he received his master's degree in chemical engineering from the University of Michigan. He took his doctorate from the University of Birmingham in 1958.

Dr. Mathur had extensive experience in industry. He held research positions with Dominion Tar & Chemical Co. and Imperial Oil Ltd. in Ontario, and with Imperial Chemical Industries in both India and Scotland.

It was while with the National Research Council from 1951 to 1955 that he invented the spouted bed process. Originally his invention was used for drying grain, particularly wheat. It has since been used by the sulphur and plastics industries. At the time of his death he and his colleagues in the department were applying the process to a problem involving B.C. coal. His UBC colleagues will continue his work.

Dr. Mathur is survived by his wife and three daughters. The Kishan B. Mathur Educational Trust has been formed to contribute to the education of his daughters. Cheques should be made out to the fund and addressed to Dr. Norman Epstein, Department of Chemical Engineering.

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Two other members of the University community died in October.

Robert Bédard, an assistant technician with the UBC Research Forest in

Haney since 1972, died Oct. 13 at the age of 35.

Hanoria Davies, who had been with the University food services department for 11 years, died last month after a short illness. She was 61.

## Pulp and paper research arm here

A research arm of the Canadian pulp and paper industry is now located at UBC.

The development is the result of a research and teaching agreement signed by the University and the Pulp and Paper Research Institute of Canada (PAPRICAN), an organization that has had a similar agreement with McGill University since PAPRICAN was established 50 years ago.

Under the agreement, a PAPRICAN research scientist will join UBC's Department of Chemical Engineering from his laboratory in Montreal. Dr. Richard J. Kerekes will be appointed an honorary professor in the UBC department, will continue his research at UBC, and will direct the research of graduate students doing work of interest to the industry.

The agreement also provides for PAPRICAN scientists to teach at the graduate level.

PAPRICAN will also be responsible for all costs associated with the institute's research conducted by its staff, and for the provision of equipment and additional supplies required for research by graduate students working under the direction of institute staff.

Ian A. Barclay, vice-chairman of PAPRICAN and chairman of the board of B.C. Forest Products Ltd., said the development "will be of benefit to the University, the institute and the western pulp and paper industry."

# UBC Calendar

## UBC CALENDAR DEADLINES

Events of the week of

Nov. 19-25 Deadline is 5 p.m. Nov. 9  
Nov. 26-Dec. 2 Deadline is 5 p.m. Nov. 16  
Dec. 3-9 Deadline is 5 p.m. Nov. 23

Send notices to Information Services, Main Mall North Administration Building, Campus. Further information is available at 228-3131.

## THE VANCOUVER INSTITUTE

SATURDAY, NOV. 11

Dr. James C. Hogg, director of the UBC Pulmonary Research Unit at St. Paul's Hospital, Vancouver, on **Environment and Breathing**.

SATURDAY, NOV. 18

Prof. Richard L. Meier, Department of City and Regional Planning, University of California, Berkeley, on **The Conserver City: Social Effects of New Technology**.

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

## SUNDAY, NOV. 12

3:00 p.m. **MUSEUM OF ANTHROPOLOGY**. Nathalie Macfarlane, a graduate student in Anthropology and Sociology at UBC, discusses **Whales: Food for Thought Among the Nootka**. Museum, 6393 Northwest Marine.

7:00 p.m. **SUBFILMS**. Neil Simon's **The Goodbye Girl**. Admission \$1 with library/AMS card. Auditorium, SUB.

## MONDAY, NOV. 13

University closed. All classes and laboratories cancelled. Main library and all branch libraries closed.

## TUESDAY, NOV. 14

12:30 p.m. **BOTANY SEMINAR**. Dr. Roy L. Taylor, director, UBC Botanical Garden, on **Role of the Botanical Garden in a University**. Room 3219, Biological Sciences Building.

1:30 p.m. **ELECTRICAL ENGINEERING SEMINAR**. Dr. R. Pomeroy, Glenayre Electronics, on **Development of an Electronic Train Location and Control System**. Room 410, Electrical Engineering Building.

3:30 p.m. **ENGLISH LECTURE**. Prof. Philip Stratford, University of Montreal, on **Aspects of English and French Writing in Canada**. Room 202, Buchanan Building.

**OCEANOGRAPHY SEMINAR**. Dr. A. Lewis, Oceanography and Zoology, UBC, on **Factors Affecting the Biological Availability of Metals in the Marine Environment**. Room 1465, Biological Sciences Building.

4:30 p.m. **CHEMISTRY RESEARCH CONFERENCE**. D. E. Brooks, Pathology and Chemistry, UBC, on **The Forces That Hold Us Together**. Room 250, Chemistry Building.

6:00 p.m. **GENETICS SEMINAR**. H. Banek and A. Colangeli on **Nucleosomes and Higher Order Chromosome Structure**. Room 5460, Biological Sciences Building.

7:00 p.m. **MUSEUM OF ANTHROPOLOGY**. Mini-film series with general title **What is Anthropology? A Visual View**. Three films in the field of cultural anthropology will be shown: **Turtle People**, **Walkabout** and **Children of Bangkok**. Admission \$2; \$1 for members, students and seniors. 6393 Northwest Marine Drive.

8:00 p.m. **BIOMEDICAL ENGINEERING**. Dr. Wendy Palmer and Dr. Nona Rowat, Preventive Medicine Centre, and Dr. John Milsom, UBC Health Systems, will address the Canadian Medical and Biological Engineering Society, Vancouver Chapter, on **Preventive Medicine and the Health Hazard Appraisal**. Salons B and C, Faculty Club.

## REMEMBRANCE DAY

Members of the University community are asked to note that UBC will be closed on Monday, Nov. 13, in observance of Remembrance Day, which this year falls on the Saturday preceding the closure. The University's traditional Remembrance Day ceremony will, however, take place on Saturday, Nov. 11, in the War Memorial Gymnasium at 10:45 a.m.

## EXHIBITS

On display at the Fine Arts Gallery in the basement of the north wing of the Main Library is **Walter J. Phillips: Works on Paper**. Mr. Phillips (1884-1963) was a Canadian artist best known for his color woodcuts. The exhibit presents sketches, water-colors, color-prints and tempera paintings as well as quotations from his unpublished manuscripts and letters. The exhibition was organized by Michael Gribbon, National Gallery of Canada, who is author of **Walter J. Phillips: A Selection of His Works and Thoughts**. Exhibit continues until Nov. 30. The gallery is open from 10:30 a.m. to 5:00 p.m. Tuesday through Saturday.

The SUB Art Gallery will display paintings and prints by UBC students from Nov. 1 (Tuesday) through Nov. 24. The gallery is open from 10:30 a.m. to 3:30 p.m. Monday through Friday.

A display of **award-winning books** including one published by UBC Press, will be set up in the Faculty Club lobby from Nov. 13 to 17, 10 a.m. to 4 p.m., and in the SUB Art Gallery from Nov. 20 to 22, 10:30 a.m. to 3:30 p.m. The show, arranged by the Association of American University Presses, recognizes work of high quality being done by university presses throughout North America.

## DRAMA

**THE BACCHAE**, a play by Euripides, directed by Donald Soule, Theatre, UBC, is playing nightly at the Frederic Wood Theatre at 8 p.m. and continues except Sundays until Nov. 22. For reservations, call 228-2678, or drop by Room 207, Frederic Wood Theatre.

## NIGHT SNACKS

The Bus Stop Coffee Shop will be open Monday through Thursday evenings from 8 to 11 p.m. starting Nov. 14, in addition to the regular hours of 7:45 a.m. to 4 p.m. Monday through Friday. The evening operation will be for a trial period.

## TUESDAY, NOV. 14 (Continued)

8:30 p.m. **UBC PUBLIC AFFAIRS** presented by the Centre for Continuing Education. Dean Kenneth Lysyk, Faculty of Law, and Dr. Murray Greenwood, History, on **The Saskatchewan Resource Taxation Cases**. Host, Gerald Savory, Channel 10, Vancouver Cablevision. The program is repeated on Friday, Nov. 17 at 1 p.m.

## WEDNESDAY, NOV. 15

12 noon **PHARMACOLOGY SEMINAR**. Dr. Judith L. Van Houten, Pharmacology, UBC, on **Membrane Electrical Changes During Chemotaxis of *Paramecium***. Room 114, Block C, Medical Sciences Building.

**CENTRE FOR CONTINUING EDUCATION** free lunch-hour lectures with the general title **The Changing World**. Dr. Marvin Lazerson, Education, UBC, on **In and Out of the Home: What Happens When Women Go to Work**. Robson Square Theatre, corner of Robson and Hornby Sts. in downtown Vancouver.

**DENTISTRY SEMINAR**. Dr. Donald M. Brunette, MRC Group in Periodontal Physiology, Faculty of Dentistry, University of Toronto, on **Behavior and Function of Periodontal Ligament Cells *In Vitro***. Room 388, Macdonald Building.

12:30 p.m. **NOON-HOUR CONCERT**. Recital Hall, Music Building.

**Varsity Outdoors Club**. Peter Schaefer, Department of Building Research, NRC, on **Avalanche Safety for Cross-Country Skiers and Ski-Mountaineers**. Room 250, Chemistry Building.

12:35 p.m. **WOMEN STUDENTS' OFFICE FREESEE** film series with general title **Romantic Versus Classic Art**. Today's film is **Joseph Mallord William Turner**. Admission free. Student Union Building Theatre.

1:00 p.m. **DEVELOPMENTAL MEDICINE SEMINAR**. Dr. S. Segal, head, Centre for Developmental Medicine, UBC, on **Current Research Approaches in Seeking Current Explorations of Mechanisms Causing Sudden Infant Death Syndrome**. Seminar Room, Centre for Developmental Medicine, 811 W. 10th Ave.

3:30 p.m. **ECONOMICS SEMINAR**. R. Allen and W. Diewert on **Bounds for Superlative Index Number Formula: Hicks vs. Leontief Aggregation Theorems**. Room 351, Brock.

**CHEMICAL ENGINEERING SEMINAR**. Dr. James W. Smith, University of Toronto, on **Heat Transfer in a Cold Climate**. Room 206, Chemical Engineering.

**APPLIED MATH AND STATISTICS COLLOQUIUM**. Prof. Mark Kac, Mathematics, Rockefeller University, on **Semi-Classical Quantum Mechanics and Morse's Theory**. Room 100, Mathematics Building.

**APPLIED PROBABILITY AND STATISTICS WORKSHOP**. Prof. Laurence Weldon, Mathematics, SFU, on **Extraction of Duration Information from Cross-Sectional Samples**. Room 214, Angus Building.

4:00 p.m. **GEOPHYSICS SEMINAR**. Dr. Stan Paterson, Department of Energy, Mines and Resources, Ottawa, on **Astronomical Theories of Ice Ages**. Room 260, Geophysics and Astronomy Building.

**HISTORY COLLOQUIUM**. Prof. Roderick Barman, History, UBC, on **The Professions and Their Status in the 19th Century World**. Penthouse, Buchanan Bldg.

4:30 p.m. **ECOLOGY SEMINAR**. Dr. Andre Dhondt, University of Antwerp, Belgium, on **Competition Between Great and Blue Tits**. Room 2449, Biological Sciences Building.

7:00 p.m. **DUPLICATE BRIDGE**. Informal game at the Faculty Club. Faculty, staff and graduate students are invited to participate. \$1.75 per person includes refreshments. For further information, call Steve Rettig, 228-4865.

8:00 p.m. **SENATE**. Tickets for the visitors' gallery can be reserved by calling Frances Medley, clerk to Senate, 228-2951. Board and Senate Room, Old Administration Building.

## SUB SNACK BAR HOURS

The SUB Snack Bar will be open on Saturday, Nov. 11, from 9:30 a.m. to 4:30 p.m., and on Sunday, Nov. 12, from 11:00 a.m. to 6:00 p.m. The Snack Bar will be closed Monday, Nov. 13, in lieu of Remembrance Day.

## LAW STUDENTS LEGAL ADVICE

The Law Students' Legal Advice Program of UBC Faculty of Law offers free legal advice for people with low incomes. Clinics are located throughout the Lower Mainland. For information about the clinic nearest you, please telephone 228-5791 or 872-0271.

## TELEPHONE REPAIR SERVICE

University telephone users are asked to call 228-2101 between 8:00 a.m. and 4:30 p.m. Monday through Friday if they experience problems with campus phones. B.C. Telephone repairmen are located on the campus and will respond more quickly than would be the case if users called 114, the trouble number listed in the B.C. Tel directory. B.C. Tel will repair emergency telephones only outside the above hours.

## UBC LANGUAGE INSTITUTE

The UBC Language Institute is sponsoring part-time courses on campus beginning Oct. 28. Courses under the general heading **English as a Second Language** include Intensive English, Spoken English, Diction, and Written English. **Modern Languages** offered at the beginners level are Arabic, Cantonese, Japanese, Portuguese, Punjabi and German. All levels of Spanish offered. Courses in **French** are offered at all levels during the day and at night. For registration information, call Centre for Continuing Education, 228-2181, local 285.

## CRAYE LIBRARY

The Craye Library for the blind in Brock Hall is seeking volunteer readers to record text and research materials for students. Readers with backgrounds in the applied and social sciences are urgently required, in addition to people willing to read in general subject areas. For an audition appointment, call 228-6111.

## THURSDAY, NOV. 16

9:00 a.m. **MEDICAL GRAND ROUNDS**. Dr. Richard C. Lillehei, University of Minnesota, Minneapolis, and Upjohn Visitor to Vancouver, on **Septic Shock**. Lecture Hall B, Faculty of Medicine Building, 700 W. 10th Ave.

11:00 a.m. **CHRISTMAS AT HYCROFT**, a showcase of Christmas ideas and small gifts, sponsored by the University Women's Club of Vancouver. 1489 McRae Avenue, Vancouver. Continues until 9 p.m. Thursday, 11 a.m. to 9 p.m. Friday, and 11 a.m. to 5 p.m. Saturday. Admission, \$2. Information, 731-4661.

12:30 p.m. **UNIVERSITY CHORAL UNION**, directed by James Fankhauser, performs **Music of Bach, Monteverdi, Tallis, Rachmaninoff and Wilson**. Recital Hall, Music Centre for Human Settlements audio-visual library presents the third in a series of video programs. This week's presentation is on **Nuclear Energy**. Room B-80, Woodward Instructional Resources Centre.

**MEDIEVAL STUDIES LECTURE**. Robert L. Benson, UCLA, on **The Ecclesiastical State: On the Iconography of the Two Powers in the Middle Ages**. Room 102, Lasserre Building.

**PHARMACOLOGY AND TOXICOLOGY SEMINAR**. Dr. Sid Katz on **Regulation of Calcium Transport in Sarcoplasmic Reticulum**. Room 237, Wesbrook Building.

**CAREER ORIENTATION FOR STUDENTS**. Second in a series of panel discussions. Today's discussion is on **Career Opportunities in Business, Finance, Real Estate and Insurance**, with panelists in these fields. Sponsored by the Women Students' Office, Student Services and Canada Employment Centre. Room 106, Buchanan Building.

2:30 p.m. **PHYSICS CONDENSED MATTER SEMINAR**. Dave Williams, UBC, on **Nuclear Cooling Materials Investigated by NMR: The Case of PrNi<sub>5</sub>**. Room 318, Hennings Building.

3:30 p.m. **APPLIED MATHEMATICS SEMINAR**. Dr. Paol-Lin Chow, Wayne State University, Detroit, Mich., on **Asymptotic Solution of Nonlinear Reaction-Diffusion Equations in a Population Model**. Room 203, Mathematics Building.

**PSYCHOLOGY COLLOQUIUM**. Dr. Kenneth Craik, University of California at Berkeley, on **Personality and Political Orientation Among Party Leaders**. Room 226, Angus Building.

4:00 p.m. **PHYSICS COLLOQUIUM** with K. Thorne, California Institute of Technology. Room 201, Hennings Bldg.

4:30 p.m. **ZOOLOGY SEMINAR**. Dr. R.O. Reeves, Zoology, UBC, on **Regulation of Gene Activity in Vertebrate Cells, Using Friend Erythroleukemic Cells as a Model System**. Room 2000, Biological Sciences Building.

7:00 p.m. **SUBFILMS** presents **Annie Hall**. Subfilms are shown at 7 p.m. Thursday and Sunday and at 7 and 9 p.m. Friday and Saturday. Admission \$1 with library/AMS card. Auditorium, Student Union Building.

7:30 p.m. **CENTRE FOR CONTINUING EDUCATION**. Fourth lecture-discussion in a series of six with the general title **New Approaches to Lifestyle Change**. Dr. Fred Bass and Judith Bass on **Your Lifestyle and Life Script**. Rooms G53-55, Woodward I.R.C. \$35; enrolment limited. Information 228-2181, local 218.

## FRIDAY, NOV. 17

9:00 a.m. **PEDIATRICS GRAND ROUNDS**. Dr. J.E. Carter, Pediatrics, UBC, on **Growth in Chronic Renal Failure**. Lecture Hall B, Heather Pavilion, VGH.

10:30 a.m. **MEDIEVAL WORKSHOP**. Registration for two-day workshop in Salons A-C, Faculty Club.

12:30 p.m. **LINGUISTICS AND RELIGIOUS STUDIES LECTURE**. Dr. Moshe Nahir, Department of Near Eastern and Judaic Studies, University of Manitoba, on **Language Planning in Modern Hebrew**. Room 205, Buchanan Building.

**KOERNER LECTURE**. Dr. Walter Horn, Fine Arts, University of California at Berkeley, on **The Plan of St. Gall: A Search for Spiritual and Architectural Unity at the Crossroads of Antiquity and the Middle Ages**. Room 104, Buchanan Building. Dr. Horn is the first speaker in the Eighth Medieval Workshop on **The Carolingians**. Sessions continue all day, and on Saturday, Nov. 18, from 9:00 a.m. For more information, call Marc Pessin, 2757.

**FACULTY RECITAL**. Dale Reubart, piano, performs **Mozart, Chopin, Debussy and Rachmaninoff**. Recital Hall, Music Building.

1:00 p.m. **MEDICAL GENETICS**. Dr. B. Dunn on **Carcinogens and Mutagens in Man's Environment**. 4th floor conference room, Health Centre for Children, 715 W. 12th.

3:30 p.m. **SOIL SCIENCE SEMINAR**. Tom Guthrie, Soil Science, UBC, on **Field Evaluation of the Effectiveness of Two Chemical Nitrification Inhibitors**. At 3:50 p.m., Dr. Hans Schreier, Soil Science, UBC, on **A Methodology for Quantitative Terrain Classification**. Room 154, MacMillan Building.

**LINGUISTICS COLLOQUIUM**. Dr. Moshe Nahir, Department of Near Eastern and Judaic Studies, University of Manitoba, on **Lexical Modernization in Hebrew**. Room 2225, Buchanan Building.

**COMPUTER SCIENCE COLLOQUIUM**. Subrata Dasgupta, Computer Science, SFU, on **Microprogramming: Some Issues in Language Design**. Room 301, Computer Sciences Building.

7:30 p.m. **WRESTLING**. UBC vs. the University of Alberta. War Memorial Gymnasium.

8:00 p.m. **UNIVERSITY CHORAL UNION**, directed by James Fankhauser, performs **Music of Bach, Tallis, Rachmaninoff and Wilson**. Recital Hall, Music Centre.

## SATURDAY, NOV. 18

10:00 a.m. **WRESTLING**. UBC invitational tournament. Competition continues all day until 9 p.m. War Memorial Gymnasium.

**CENTRE FOR CONTINUING EDUCATION** workshop on **Turning 30, what does it mean for women today?** Lori Sheckter and Sandra Yasin are professional counsellors, who will lead a weekend workshop, Nov. 18-19 from 10 a.m. to 4 p.m., for other women to explore ideas and feelings, to build new goals, and develop personally satisfying lifestyles. Women's Resources Centre, 1144 Robson St. For information, 228-2181, local 218.

2:30 p.m. **RUGBY**. UBC Thunderbirds vs. Old Boys Rugby Club. Thunderbird Stadium.