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If you think you've seen this photo before, you could be right. It ran on the front page of UBC Reports on Oct. 8, 1980, and has just been selected as the best photograph of 1980 that appeared in any publication put out by members of the International Association of Business Communicators, B.C. division. It was taken by Jim Banham, contributing editor to UBC Reports and acting head of Information Services, during Tennessee Williams' visit to UBC.

Mediator enters UBC TA dispute

A surprise move Tuesday (Dec. 8) by the provincial ministry of labor ended any possibility of job action during the Christmas exams by UBC teaching assistants.

A mediator was appointed by the ministry, without prior consultation with either side in the dispute. There was no request for a mediator by either the Teaching Assistants' Union or the University.

Negotiations now will be re-opened, with the mediator assisting. If the two sides still fail to reach agreement on a new contract, job action will not be legal until the mediator officially reports out.

Until yesterday's unilateral move by the government, members of the Teaching Assistants' Union (CUPE local 2278) had planned to vote tomorrow (Dec. 10) on a contract offer and possibly on a motion calling for a one-day strike during the Christmas exam period.

Union president Jonathan Katz said tomorrow's meeting would still be held and the University offer would go to a vote. He said the offer was not acceptable, and said the University position appeared to be "we'll take a strike rather than give you anything."

However, with the intervention of the labor ministry, Mr. Katz said the agenda for tomorrow's union meeting would have to be reconsidered.

"We'll vote on the contract offer," he said, "but what other motions might be put forward haven't been determined yet."

These were the developments last week in the protracted contract negotiations between the TAs and the University.

On Thursday, Dec. 3, the teaching assistants were asked the question "Are you in favor of a strike?" in a vote supervised by the provincial Labor Relations Board.

All one thousand teaching assistants were eligible to vote, whether they were members of the union or not. There were 388 valid ballots, with the 'yes' vote gaining a majority, 58.5 per cent to 41.5 per cent.

The following day, Friday, in a day-long negotiating session, the University placed a wage increase offer of 15 per cent on the table, up from an earlier offer of 14.2 per cent.

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See **MEDIATOR**

Sawdust will make the gas go further

Canadians are one step closer to driving their cars with the help of sawdust as a result of a biotechnical breakthrough at UBC.

A team of molecular geneticists has cloned a gene for an enzyme which will convert renewable waste products such as sawdust and straw into the sugar glucose. Alcohol produced by fermentation of glucose can already be blended with gasoline at a rate of one part alcohol to nine parts gasoline for use in conventional cars.

Other fermentation products from sawdust can easily be used in plastics to replace dwindling oil supplies. Environment Canada estimates that Canada could consume about 1400 million gallons of alcohol for automobile fuel alone this year and three times that amount by the turn of the century. Canada produces enough renewable waste products to manufacture 10 billion gallons of fuel a year.

"There are enzymes in nature that convert the cellulose in sawdust and other products to glucose," said team member Prof. Robert Miller of UBC's microbiology department. Other team members were Profs. Douglas Kilburn and Tony Warren and graduate student Daniel Whittle.

"But the enzymes, called cellulases, are produced too slowly at the moment to be commercially usable.

So, we cloned a gene for cellulase.

"We developed a method for identifying the right gene out of thousands possible and have now isolated it in a form which produces active cellulase. This means we can use established tricks for increasing enzyme production hundreds of times, at least," Prof. Miller said.

"There are several years of work ahead before the process can be

applied commercially. But we had a champagne party when the first clone was obtained. Without the cloned DNA you have nothing to work with. That's the first major step."

Also working on the next series of problems are research associate Dr. Neil Gilkes, Prof. Barry McBride, graduate student Nancy Vondette and technician Val Ruffles.

Many closures over Christmas

For all those devoted members of the University community who will be spending their Christmas holidays on campus, here's a run-down on what is open at UBC during the Christmas season.

The Bus Stop Coffee Shop, the Barn Coffee Shop and the IRC Snack Bar close on Dec. 22. The Bus Stop Coffee shop re-opens on Dec. 29 and the others remain closed until Jan. 4. The Student Union Building cafeteria will remain open until Dec. 24 and will re-open Jan. 4. Buchanan, Education and Ponderosa snack bars close Dec. 11 until the new year, and the Auditorium Snack Bar closes Dec. 18 until the new year.

The Aquatic Centre will be open from noon to 6 p.m. and from 7 to 10 p.m. daily during the Christmas season, but will be closed Dec. 24, 25,

and New Year's Day. Normal hours will resume in January.

Gym facilities in the Osborne Centre and the War Memorial Gymnasium will be open the following hours: Dec. 14 to 18 — 8 a.m. to 8 p.m.; Dec. 19 and 20 — 10 a.m. to 6 p.m.; Dec. 21 and 22 — 8 a.m. to 8 p.m.; Dec. 23 and 24 — 8:30 a.m. to 4:30 p.m.; facilities will be closed Dec. 25 to 28; open 8:30 a.m. to 4:30 p.m. on Dec. 29 through 31. The Armory will be closed because of examinations.

The Museum of Anthropology will keep its regular hours during the holidays, but will be closed on Christmas Day and Dec. 26.

Changes in Faculty Club hours are as follows: the club will close at 3 p.m. on Dec. 24 and 31, and will be closed Dec. 25, 26, 27 and 28.

Agriculture deans are concerned

Grave concern about the impact of seriously declining budgets on agriculture and veterinary education and research in Canada was expressed at a meeting of deans of Agriculture and Veterinary Medicine, held recently in Quebec.

Dean Warren Kitts of UBC's Faculty of Agricultural Sciences said his faculty is facing a serious shortage of teaching staff. "Graduates in agricultural sciences are being quickly absorbed into the production, marketing and environmental sectors of the industry. We just can't match the salaries being offered by businesses and government agencies."

Dean Kitts added that the University would have difficulty filling vacant positions within the faculty even if money were available to hire new staff. "It is extremely difficult to find qualified agricultural scientists to teach in North America, since fewer and fewer graduates are going on to post-graduate study. There are so many avenues open to agriculture graduates when they finish their baccalaureate program that they can pick and choose where they wish to work."

Dean Kitts said that it was essential to encourage graduates to consider returning to university for post-graduate study. "Without qualified academics in agricultural sciences, at UBC or other post-secondary institutions in Canada, it will be impossible to meet the manpower and research needs of Canada's multibillion-dollar agriculture and food industry."



Top scholarship winners for 1981 are, left to right, Michael McCann, Susan Oliver and James Langman.

Top scholarship winners named

The 1981 winners of three top UBC scholarships awarded for a combination of academic excellence and involvement in UBC and community service came from UBC's Faculties of Applied Science and Medicine.

The \$3,000 Sherwood Lett

Memorial Scholarship, which is named for a former UBC chancellor and Chief Justice of B.C., was awarded to second-year medicine student Michael McCann.

The \$2,000 Amy Sauder Scholarship, which is made possible by a bequest from the late Amy E.

Sauder and by contributions from the Sauder Foundation, was won by a fourth-year chemical engineering student, James Langman, and the \$1,500 Harry Logan Scholarship, named for a former head of UBC's classics department, was awarded to Susan Oliver, who is enrolled in rehabilitation medicine.

Michael McCann graduated from UBC's Faculty of Science with a first-class standing in honors biochemistry in 1980 and entered the Faculty of Medicine.

He was involved in student government during his years of undergraduate study as athletic co-ordinator and later as president of the Science Undergraduate Society. He served on the Student Council as an alternative representative of the Faculty of Science. He was elected president of the first-year class in Medicine, and now is a member of the UBC Senate representing the medicine faculty.

Susan Oliver is in her final year of rehab medicine. She graduated from UBC in 1979 with a Bachelor of Physical Education degree, and plans to combine her two areas of study by doing post-graduate study in exercise physiology and sports medicine.

Ms. Oliver has been actively involved in sports teaching programs, particularly tennis, for the Vancouver Parks Board and recreational departments throughout the Lower Mainland and has taken part in competitive volleyball and field hockey.

James Langman is a fourth-year chemical engineering student. He has been involved in intra-mural basketball, football and soccer, and was vice-president of the Chemical Engineers Club last year. He plans to return to university for post-graduate study in engineering.

Mediator continued from page 1

The UBC offer would mean a sessional payment of \$5,880 for a top-level teaching assistant, or \$15.31 an hour, retroactive to Sept. 1. The stipend as of Sept. 1, 1982, would rise to \$6,645 for the session, or \$17.30 an hour. A 'working year' for teaching assistants is 384 hours over eight months.

For category two assistants the figures are \$5,660 or \$14.73 an hour this year, \$6,395 or \$16.65 next year.

Undergraduate teaching assistants would receive \$2,840 this year, or \$7.39 an hour. Next year it would be \$3,210, or \$8.35 an hour. For markers, the sessional payment this year would be \$2,720, or \$7.08 an hour. For the '82-'83 session it would be \$3,075, or \$8 an hour.

The University offer of 15 per cent matched increases negotiated by other campus unions this year, and is the same as the increase given to the non-union Association of Administrative and Professional Staff (AAPS).

Mr. Katz said the latest UBC offer was "not significantly different from that already refused."

He said the union was disappointed that even after an affirmative strike vote, the University had refused to budge.

The union president said union security was also a key issue in the

dispute. He said both sides agreed that union membership would be optional, with the option to be exercised within 30 days of employment, but there were differences on wording.

Here is the University's proposed wording of the union security clause:

"Membership in the union shall be optional for any employee. Every employee must exercise an option within 30 days of the ratification date or employment date, whichever is later, by either joining the union or completing an authorized membership exemption card and depositing it with the union, with a copy to the employer. An authorization card may be obtained from either the union or the employing department when completing the dues check-off form." (All those eligible for membership in the union must pay union dues, whether they join the union or not.)

The union position is that those failing to join the union or sign an opting-out card within the 30 days should either be fired or told they must join the union. Mr. Katz said there also is concern that new teaching assistants would be given exemption cards to sign before they could be approached by the union.

Bob Grant, director of employee relations, disagreed. He said the University provides space in

registration areas each September to make it easier for union representatives to meet new teaching assistants. Further, following the induction/orientation meetings held with new employees, a union representative has the opportunity to meet with the group.

Mr. Grant said he believed the union had accepted the University's response to concern about markers.

"We have advised them that markers whose assignments involve judgement marking, calling for the marker to make a qualitative assessment of the student's answer and feedback contact with the student, will be appointed as teaching assistants. We agreed that the marker classification would be restricted to appointments where marking is of the key type and student contact is not involved."

Mr. Grant said the salary scale proposed by UBC recognizes the increase in the cost of living and compares favorably with increases granted by other universities.

"Further, the hourly rates show up quite favorably with those rates paid for sessional lecturers and senior technicians in the laboratories," he said.

New hiring policy not based on fact: Kenny

The recent dramatic change in federal immigration policy for the appointment of foreign academics to faculty posts at Canadian universities is based on a faulty rationale, according to UBC's president, Dr. Douglas Kenny.

The new policy, announced earlier this year by Employment and Immigration Minister Lloyd Axworthy, requires institutions to advertise first for Canadians only, before any foreign applicants can be considered for faculty positions.

"As I understand the minister's rationale," President Kenny said, "the policy is designed to ensure that qualified Canadians receive fair and equitable consideration in the filling of

university teaching positions."

But the president continued, "I have never seen any evidence that there is reason to believe that Canadians have not been given fair and equitable consideration as the result of recruitment policies at Canadian universities. I would be interested in seeing the hard data to justify this dramatic change in immigration policies."

President Kenny said it had been UBC's policy to insist that the Canadian market be thoroughly searched before any appointment is made.

"Hence, I cannot accept the underlying rationale on which the minister has based this new policy," he

said.

President Kenny went on to say that he had other reasons for objecting to the new federal policy.

"First," he said, "it will definitely slow up the recruitment of urgently needed faculty in many areas of the University."

It also negates the important principle that universities belong to an international community of scholars and that only the most outstanding person should be appointed to the faculty, the president said.

"Universities," he said, "should have an overriding insistence on excellence for all faculty appointments."

A third objection to the new policy cited by President Kenny centres on an

indication by the federal government that it might be prepared to exempt certain areas of the University because of the shortage of qualified Canadians.

"The inevitable consequence of this policy would be that only selected areas within the University are likely to maintain excellence," President Kenny said.

President Kenny said he had made his views on the new policy known to both the federal and provincial governments. He said he had urged the federal government to revert back to the policy in force previously, a policy which he said "did ensure that Canadians were given equitable consideration in filling faculty positions."



Prof. L.D. "Laurie" Hall has been awarded the Barringer Research Award from the Canadian Spectroscopy Association at its annual meeting in Ottawa.

Prof. Hall of the chemistry department is an expert on nuclear magnetic resonance spectroscopy, a technique used to analyze the structure of molecules. He is one of a handful of scientists now applying NMR spectroscopy to the study of human tissue.

McLean's BoG term extended 3 years

David McLean, one of eight government appointees to the UBC Board of Governors, has been reappointed for a three-year term.

Mr. McLean was first named to the Board in November of 1980, replacing Alan Eyre when Mr. Eyre was appointed to the Universities Council of B.C.

In addition to the eight government appointees, the 15-person Board has two student members, two faculty representatives, one member from UBC non-faculty staff, and the President and the Chancellor.

Mr. McLean's new term runs to Oct. 28, 1984.

Business schools granted exemption from 'Canadians first' regulation

The 45 business schools represented by the Canadian Federation of Deans of Management and Administrative Studies have been granted an exemption from a new government policy designed to increase the proportion of Canadians on university faculties.

The new policy requires institutions to advertise first for Canadians only, before any foreign applicants can be considered for a faculty position.

However, the business schools — including the Faculty of Commerce and Business Administration at UBC — will be able to consider Canadian and foreign applicants at the same time.

Dean Peter Lusztig said this will make "an absolutely enormous difference" to the UBC commerce faculty. He said there are close to 300 vacancies in commerce faculties across the country.

Dean Lusztig said that only about 15 people a year are graduating with business and commerce doctorates in Canada, six to eight of them from UBC. And he noted that eight to 10 doctoral graduates leave every year to take teaching positions in the U.S.

Dr. Lusztig said he supports the idea of hiring Canadians, "all things being equal."

"I feel, however, that hiring a Canadian who is not the leading applicant simply because he is a Canadian, would be doing a disservice to the University, the student and the country," Dean Lusztig said.

More than 30 members of the Department of Economics at UBC expressed a similar view recently by way of a petition to Employment and Immigration Minister Lloyd Axworthy.

The petition reads as follows: The undersigned, all members of the Department of Economics at the University of British Columbia, wish to express their opposition to the policy governing hiring and immigration of professors. Legislation and regulations require government approval of advertising for faculty from Canada and from abroad. The effect is that

only if and when it is shown that Canadians and landed immigrants cannot meet "qualifications" may outsiders be seriously considered. The "qualifications" that can be discussed between the university and the government agency must inevitably be such numerical characteristics as age, training, degrees, experience, and pages of writing. If the government agency believes that a Canadian has the requisite "qualifications" then no labor permit will be issued to an outsider.

Our opposition stems from our belief that achieving excellence in university teaching and research, and saving able students from being induced to take their general, professional or graduate schooling elsewhere, are frustrated if nationality becomes a significant "qualification." We know that important Canadians have argued otherwise, both to introduce Canadian points of view in teaching and to assure jobs for recent Canadian graduates. While we sympathize with these goals, we think that the current policy changes will weaken academic departments and lessen the quality of teaching and research about the Canadian economy. Our positions have been in the past filled by Canadians. In the period of rapid university growth, this policy has produced many departments of exceptional quality, whose members have loyally worked to produce first-rate teaching and widely-recognized research. Students, taxpayers, industry and the global society of science and scholarship have benefitted.

The new immigration policy appears to have quite different aims. Its emphasis on the availability of "qualified" Canadians makes too little room for selection according to personal quality, promise or excellence. Even if not narrowly administered, it promises eventually to

fill our university laboratories, offices, classrooms and libraries with faculty of lesser ability than those who would be willing to come.

We look forward to providing you with a more detailed commentary on the new immigration system and its effect on Canadian universities.

The primary purpose of this letter is simply to let you know that all of us, whatever our country of birth, oppose the policy. It frustrates our attempts to make the best use of the resources that the provinces and the federal government have devoted to university development. It erodes our status as a world-class centre of research. And it deprives our students of some of the first-rate teaching that they and their parents deserve.

It was signed by (in alphabetical order): R.C. Allen, G.C. Archibald, C. Blackorby, J.D. Boyd, P.G. Bradley, T.A. Cameron, R.M. Clark, J.G. Cragg, W.E. Diewert, D.J. Donaldson, R.G. Evans, D.A. Glassman, G.B. Hainsworth, J.F. Helliwell, S.P.S. Ho, J.R. Kesselman, T. Lewis, A. Kotwal, A.M. Moore, G.R. Munro, K. Nagatani, H.M. Neary, P.A. Neher, D.G. Paterson, W.C. Riddell, G. Rosenbluth, W.E. Schworm, A.D. Scott, R.A. Shearer, K. Ueda, R.S. Uhler, T.J. Wales and J. Weymark.

More than 70 per cent of UBC faculty members are Canadians.

Although business faculties are the only ones excused to date from the new regulations, a federal spokesman said last week that other changes may come.

Gerry Van Kessel, director of operational procedures for Employment and Immigration Canada, said department officials are considering whether the rules should be eased in other high-demand areas such as computer science and some types of engineering.

He said officials are consulting with the Association of Universities and Colleges of Canada.

Ed Puls steps up at FC

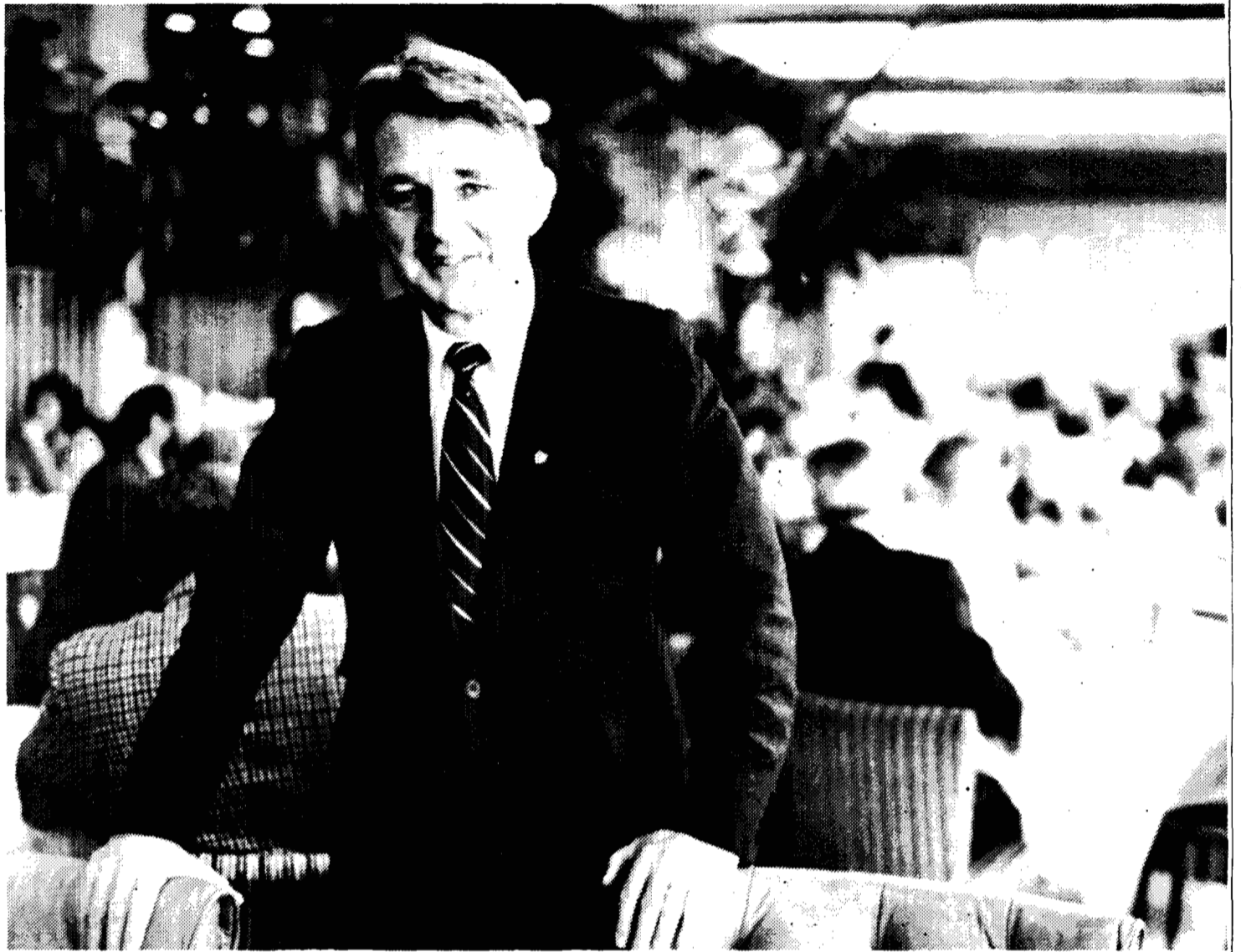
Ed Puls has been appointed manager of the UBC Faculty Club, effective Jan. 1, 1982, succeeding Richard Hansen.

Mr. Puls, associate manager of the Faculty Club for 10 years, was the unanimous choice of the selection committee, which interviewed four of the 40 persons who applied for the job.

Ed Puls graduated with honors from the Advanced School of Hotel Administration in Heidelberg, Germany, and served his apprenticeship in Germany before moving to Claridges in London in 1957.

He came to Vancouver in 1960 and spent almost seven years with Canadian Pacific Airlines as a purser. He was assistant catering manager at the Georgia Hotel before joining the Faculty Club in 1971.

Assistant managers of the Faculty Club are Geoff Tarver and Jim Kendall.



Ed Puls... new manager is no stranger to Faculty Club

'Cancer families' talk to UBC researchers

One of the biggest misconceptions about cancer patients and their families is that they don't want to talk about their situation, says Prof. Clarissa Green of UBC's School of Nursing.

Prof. Green is carrying out a research project that explores how families cope when one of the adult partners is diagnosed with cancer.

"Many health care workers tend to focus all their attention on the cancer victim and overlook the needs of the family and the support it can provide," says Prof. Green. "There has been a lot of theorizing done about how families cope with cancer, and now we're trying to determine how much of the theory is reality."

Prof. Green and her research associates interview families four to eight weeks after surgery and again six months later. The families, which are referred to Prof. Green by 19 Vancouver surgeons, participate in the project on a voluntary basis.

"We make it clear to them that we're not trying to pry into their emotional life. We're trying to find out how household responsibilities are reorganized during the crisis situation and where families turn to for personal and community support. Because there's been so little research done about what kind of help the families need, we have no way of knowing how effective community and other support services are. I'm hoping this study will give us some answers — it's really a matter of the families teaching us."

Prof. Green adds that although the interviews aren't directed toward the family's emotional reactions to the illness, most families discuss their feelings openly.

"Many of them have a need to talk. They're curious about how other

families are coping. Although the purpose of the interviews is to collect information, they seem to have a therapeutic effect as well. For some families, this is the first time the situation has been openly discussed."

During the interview, family members indicate through discussion who carried out specific household duties before the illness, and how the situation has changed.

"The family must give one collective answer, so a lot of discussion and compromises take place," says Prof. Green. "We want to ensure that the information gathered reflects the views

of the whole family and not just one member's opinion."

Ten families have been interviewed so far, and the research group hopes to talk to about 60 families before they analyze the information.

"Families don't need to be referred by a doctor to become involved in the project," says Prof. Green. "We'd really like to hear from any family who is willing to help us. Our definition of 'family' is quite broad — any couple living together, married or common law is encompassed in our definition as long as one or both of the partners has ever been a parent."

When the information is gathered, it will be analyzed by Dr. Mark Starr, a statistician in the School of Nursing. "I'm hoping the general information we collect will trigger off other, more specific studies," says Prof. Green.

"Already some graduate students have begun research into specific areas, such as how elderly couples cope, or how sex roles are affected when household duties have to be rearranged because of illness."

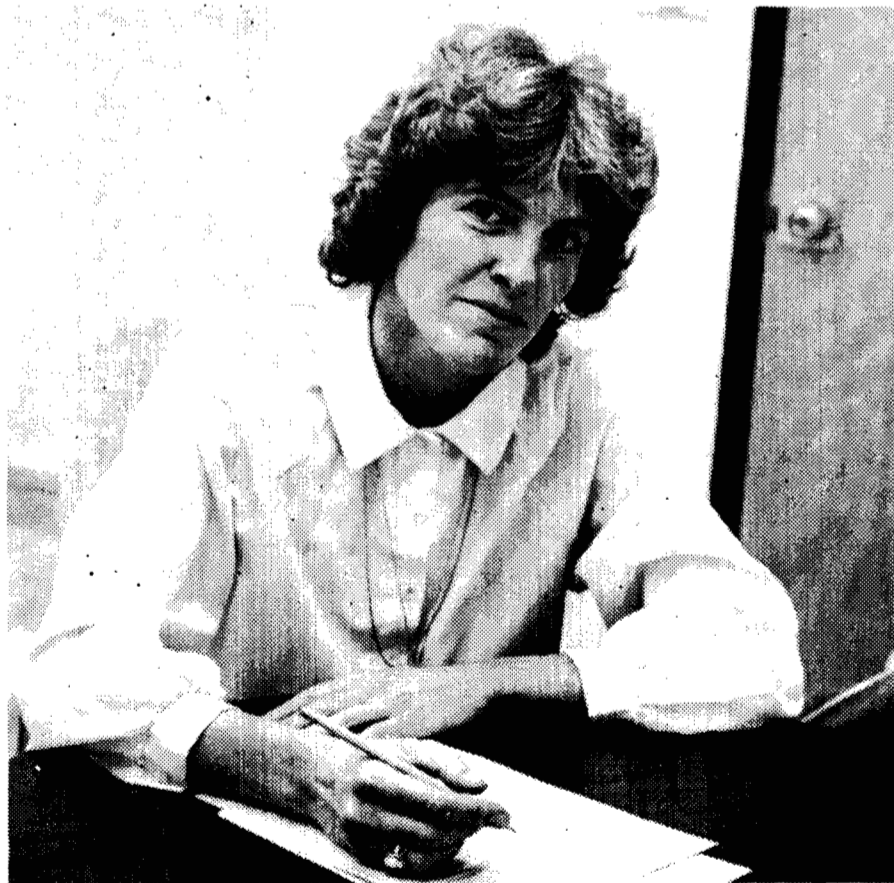
"We're hoping to have some results by the spring of 1982, and we'll probably be able to present some trends at the National Nursing Research Conference being held in Victoria in April."

Prof. Green has spent a number of years working with families who are facing 'crisis' situations. In addition to her interest in cancer patients, she has done specialized work with families coping with psychiatric illnesses and families adjusting to the addition of a child into the household.

Involved in the 'Family Focus' project with Prof. Green are Barbara Warren, nurse clinician, Cancer Control Agency of B.C.; Mary Adlersberg, head nurse, UBC Extended Care Unit; Shelley Smith, nurse interviewer; and Tina Janz and Sally Thorne, nurse interviewers and UBC graduate students.

"We would be very interested in hearing from families coping with a first diagnosis of cancer, where surgery has been performed, who would be willing to help us with our study," says Prof. Green. "The interview takes one to two hours and takes place in the family's home."

Prof. Green and her research associates can be reached by calling 228-7507.



Clarissa Green



Major new exhibition of northwest coast Indian art opened in UBC's Museum of Anthropology on Nov. 24 with an evening of dancing and music staged by the Hunt family. Exhibit, entitled *The Legacy: Continuing Traditions of Northwest Coast Indian Art*, is a travelling exhibition from the B.C. Provincial Museum. It continues until Aug. 31, 1982.

McGill honors UBC chancellor

Hon. J.V. Clyne, UBC's chancellor for the past four years, was the recipient of the honorary degree of Doctor of Laws (LL.D.) at the annual Founders' Day congregation of McGill University in Montreal on Nov. 20.

Chancellor Clyne, who was cited for his contributions to the law, Canadian industry and universities, also gave the congregation address.

Chancellor Clyne, a native of Vancouver, graduated from UBC in 1923. He was first elected chancellor in 1978 and again in 1981.

He practised law in Vancouver for 20 years before being elevated to the bench in 1950 as a justice of the Supreme Court of B.C. He was chairman of the board and chief executive officer of MacMillan Bloedel from 1957 to 1973 and also served on a number of royal commissions and in a number of other capacities, including chairman of the Canadian Maritime Commission.

Here are some excerpts from Mr. Clyne's address:

"Let me say at the outset that I am deeply honored by being made a member of the alumni body, honoris causa, of McGill University. I feel that honor more deeply because I am the present Chancellor of the University of British Columbia. Some of you may not remember that the University of British Columbia owes its origin to McGill University. It was in February 1906 that the legislature of the Province of British Columbia passed an act giving McGill the right to establish colleges within the province and to offer courses leading to McGill degrees. Thus was McGill British Columbia born, giving its first classes at Vancouver College in the fall of 1906. Later, as a result of petitions from McGill students in British Columbia that they should be permitted to take their final year of

study in Vancouver instead of coming to Montreal, the University of British Columbia was created and opened its doors in September 1915. In effect, the University of British Columbia was founded by McGill and in receiving the degree today, on the 75th anniversary of the birth of McGill British Columbia, I, as Chancellor of the University of British Columbia, feel that McGill is honoring its progeny and, as an individual, I am personally delighted to share in that honor.

"The so-called information explosion is only a part of the general technological revolution which is taking place in all parts of the world. The changes will be as fundamental as those caused by the industrial revolution in the 19th century. It takes time for these events to become generally realized but they represent an irreversible trend in the way industrialized societies will live.

"We will need more scientists and engineers and this is already a fact of life in Canada today. We will also need more people trained in business management. At the same time we

must not neglect the liberal arts courses at universities. It is necessary in our future society to continue to train people to think creatively and to exercise critical and philosophic judgments. We need people with well developed, intelligent and intellectual minds to take part in the social and political life of this country and I hope that all of you will devote at least some part of your time in that area. We have seen too much confrontation in various parts of our society in recent years and the time has come to seek co-operation and to use common sense. We need people to think and act for the common good.

"A nation cannot remain strong when the people who belong to it are individually weak. The strength of our society depends upon the individual who is prepared to work hard and to think intelligently and to act independently. I am sure that you have been given such training at this university. Whatever you choose to do now you should do to the utmost of your ability. By working at full capacity you will find that you achieve satisfaction and happiness."

Search on for new librarian

The President's Selection Committee for a University Librarian is looking for internal candidates.

Chairperson of the committee is Dean Peter Larkin, and in a letter to deans, department heads and directors, he says nominations would be welcomed.

"Because of the uncertainty about the University budget, the committee is looking for appropriate internal candidates," Dean Larkin said.

Deadline for nominations is Dec. 31, this year.

Basil Stuart-Stubbs resigned as

librarian to become head of the School of Librarianship. Acting librarian is Douglas McInnes.

On the search committee with Dean Larkin are two elected members from the library, Ms. Ann Turner and Mr. William Watson; Dr. Charles Slonecker, head of Anatomy; Dr. Peter Suedfeld, head of Psychology; Dr. William Fredeman, acting head of English; Dr. Wallace Berry, head of Music; Dr. James Richards, associate dean of Agricultural Sciences; and student Mr. S. Henderson.

CAMPUS PEOPLE

Prof. Cyril Belshaw of UBC's Department of Anthropology and Sociology has been made an honorary life fellow of the Pacific Science Association for distinguished service to the association and for furthering its objectives.

Prof. Belshaw is a long-time member of the association's standing committee on anthropology and the social sciences, which he chaired from 1968 to 1976, and took an active role in organizing the 13th Pacific Science Congress in 1975. He is also the author of a number of books on topics related to the anthropology of the South Pacific, numerous scientific articles and reports and documents on aspects of public affairs.



Prof. J. Keith Brimacombe of UBC's Department of Metallurgical Engineering has won the 1982 Extractive Metallurgy Technology Award for a paper on "Flow Regimes in Submerged Gas Injection." The paper was co-authored by Prof. Brimacombe and a former UBC graduate student, E.O. Hofe.



Prof. Robert Miura of the mathematics department will chair the 16th annual *Some Mathematical Questions in Biology* symposium, which will be held in Washington, D.C. in January, 1982. The symposium is being held in conjunction with the annual meeting of the American Association for the Advancement of Science.



Seven faculty members in the Department of Oceanography have received a total of \$278,540 in grants from the Natural Sciences and Engineering Research Council through its Strategic Grants Program. Faculty members and their research topics are as follows: Dr. S.E. Calvert, head of the oceanography department, — the geochemistry of ferro-manganese nodules; Prof. R.J. Andersen — the structure and significance of natural product organic compounds in the sea; Prof. W.J. Emery — satellite remote sensing of the ocean surface; Prof. P.J. Harrison — the production of plankton in the Strait of Georgia; Prof. P.H. LeBlond — the oceanography of Arctic straits; Prof. G.S. Pond — measurements of currents in the Strait of Georgia; and Prof. R.W. Burling — the distribution of mine tailings in local inlets.



If The Ubysey was writing the caption for this photograph, it would probably say, "Crazed UBC students threaten to leap from Library parapet unless exams cancelled." The truth is that Henry Woolf and Patricia Phillips, who are playing the roles of Quasimodo and Esmerelda in the current Playhouse Theatre version of the Victor Hugo novel, *The Hunchback of Notre Dame*, visited the campus recently to use the Main Library as a backdrop for a short promotional film aired on the CBC. The adaptation of the Hugo novel was done by UBC graduate Dennis Foon and continues at the Queen Elizabeth Theatre until Dec. 19.

New society for hospital

A new organization has been created to operate the patient care areas of the campus hospital.

A new UBC Health Sciences Centre Hospital Society will have an 11-member board which will be responsible for the patient services part of the three units making up the hospital.

Up until the creation of the society, the hospital had been the responsibility of a management committee which reported to UBC's Board of Governors.

Under the new agreement the provincial government will appoint nine members of the new board of trustees — three each from among names submitted by the University, the Minister of Health and the Minister of Universities; Science and Communications.

The president of UBC or his designate and the chairman of the hospital's medical staff are ex-officio members of the board for a total of 11.

UBC will retain responsibility for the teaching and research areas of the hospital, or about 35 per cent of the total of 720,790 square feet making up the 240-bed acute care unit, 300-bed extended care unit and 60-bed

psychiatric unit.

The Student Health Service in the Acute Care Unit will remain under the control of UBC.



Dr. Yul Y. Park, centre, director of the Korean Development Institute, recently visited UBC to discuss Canadian-Korean economic relations with Prof. Terry McGee, director of UBC's Institute of Asian Research, left, and UBC economics professor, Dr. Sam Ho.

Continuing education a 'winner' once more

British Columbians wanting to increase their knowledge have pushed registrations in continuing education programs of the University of B.C. near the 100,000 mark for the second straight year.

UBC's annual report on continuing education shows that registrations totalled 94,278 for the 12 months to Aug. 31. More than 47,000 registrations were for "off campus" programs — everything from sheep breeding in Abbotsford to a Vernon program on the medical aspects of winter sports.

Although continuing education programs are offered by most faculties at UBC, the Centre for Continuing Education is the major vehicle for taking programs and services to the public at large.

In addition to administering a growing correspondence program, the Centre offers a broadly-based, year-round series of activities, including a free summer program for senior citizens and certificate credit programs in criminology and early childhood education.

A new undertaking this year was the start of a second language program for retired people, financed by a grant from the federal government. Two courses were given in French and Spanish, at the beginner level. In the summer of 1982 it is expected that a total of six courses will be offered — in English, French and Spanish.

The language courses were among 37 courses offered this year in the summer program for seniors, which attracted more than 800 retired people from all parts of the province. All of the one-week and two-week courses were free, and the out-of-towners stayed at a student residence on campus for \$11 a night.

Centre director Jindra Kulich said UBC's continuing education program is the most extensive in Canada, ranking in programs scope with such major United States universities as

Minnesota, Wisconsin, UCLA and Michigan.

Total registrants for courses and programs offered by the Centre in 1980-81 were 53,029, an increase of just over 500 from the previous year.

In addition to the Centre for Continuing Education, the Division of Continuing Education in the Health Sciences offered programs across the province to almost 11,000 doctors, dentists, nurses, pharmacists and nutritionists.

Almost 10,000 enrolled in professional programs offered by the Faculty of Commerce and Business Administration, and more than 7,000 teachers from almost every school district in B.C. took advantage of credit and non-credit offerings of the Faculty of Education.

UBC's School of Social Work drew almost 500 to continuing education courses, the Faculty of Agricultural Sciences attracted 1,428 to courses and seminars in such centres as Kamloops, Williams Lake, McBride, Vanderhoof, Langley and Cranbrook, and there were 507 registrants for continuing education in the Faculty of Forestry.

Bowl plus national honors for 'Birds

The UBC Thunderbirds closed out their football season in spectacular fashion Nov. 28, whipping the Simon Fraser University Clansmen 33-1 in the annual United Way Shrum Bowl at Empire Stadium.

Earlier that week, two of three Thunderbirds nominated for national awards won them and the third placed second in the balloting.

Running back Glenn Steele was named top freshman player in Canada, and linebacker Mike Emery was chosen as the top defensive player.

UBC's Jason Riley was runner-up for lineman of the year honors.

All three UBC players were named to the All Canadian team.

No fat in UBC budget, Kenny tells forum

Talk of fat in the University of B.C.'s budget is "sheer rubbish," according to President Douglas Kenny.

"I don't know where the fat was in the UBC budget and I don't know where it is now," the president told about 50 students and alumni who took part in a UBC Alumni Association-sponsored forum on financial retrenchment at Cecil Green Park on Nov. 26.

The president made his remarks following statements by a number of forum participants who claimed that one of the public perceptions of the University was that there was "considerable fat in the UBC budget."

"The University," the president said, "has not had enough money to do the job that it wants to do. UBC expanded rapidly after the war on limited resources, and the result is that the fat

was never there."

(Following the meeting, President Kenny told *UBC Reports* that post-war expansion by the University into many professional areas such as medicine, law and pharmaceutical sciences had been accomplished on what he termed "shoestring budgets." He added that many academic activities remain "substantially underfunded, which makes it very difficult to accomplish all the University's goals and aspirations.")

Referring to accusations made at the forum that UBC's financial books are not available for scrutiny, the president pointed out that the University annually publishes detailed financial statements which have been audited by the provincial government, as well as a document that lists the salaries paid to faculty members and

employed staff and the amounts paid to companies which supply goods and services to the University. (The latter document is for sale in the University Bookstore).

"I can't think of a bigger operation that lives in a goldfish bowl," the president told the forum.

A participant in the forum was William Keenleyside, a member of the Senate budget committee who is sitting on the advisory committee on financial retrenchment established by President Kenny "to consider the entire spectrum of the University's programs and operations and advise the president on how best to preserve the quality of education at UBC in view of an expected annualized shortfall."

Mr. Keenleyside told the forum that the 13-member committee was made up of "informed, able, concerned

people who have the best interests of the University at heart" and who were "concerned about quality as well as quantity."

The University, he said, "is under pressure to look for internal economies... and behind it is the voice of the taxpayer."

Later in the meeting, responding to a statement by Chris Niwinski, a student member of the Board of Governors who said the surest road to mediocrity at UBC would be uniform, across-the-board cuts in faculty budgets, Mr. Keenleyside said he could not detect a mood for such a course of action in the retrenchment committee.

He added that it appeared some areas of the University would be less hard hit than others, but "all areas will have to make contributions to retrenchment."



Ms. June Lythgoe, acting director of Women Students' Office, hands piece of birthday cake to Mrs. Sherwood Lett, longtime friend of the office, during party held on Nov. 27. The occasion marked the 60th anniversary of the office, known earlier as the Office of the Dean of Women.

Volunteer Fair set for SUB

Speakeasy, the Student Counselling and Resources Centre and the Vancouver Volunteer Centre's Youth Involvement Program is sponsoring a Volunteer Fair on Jan. 11 in the lobby of the Student Union Building.

Twenty-five organizations from the Vancouver area will be setting up information booths, with printed materials, special equipment and audio-visual presentations, to give prospective volunteers an idea about what kind of work each organization does.

Cheryl Brown of the Student Counselling and Resources Centre says university students are becoming increasingly aware of the importance of volunteer work in their academic

and personal development.

"Volunteer work can help students with career decisions, and help them obtain work experience in their field. A lot of instructors are encouraging their students to take volunteer placements as a practical supplement to their course material.

"The Volunteer Fair will give students, faculty and staff an opportunity to explore various volunteer alternatives and establish agency contacts."

If you'd like more information about the fair, you can contact Mary McCullum, Speakeasy (228-3777), Cheryl Brown, Student Counselling and Resources (228-5395) or Peggy Mersereau, Vancouver Volunteer Centre (731-6168).

NITEP gets \$200,000 from Donner Foundation

The Donner Canadian Foundation has approved a grant of \$200,000 to the University of B.C.'s Native Indian Teacher Education Program.

Half of the grant has already been received by UBC and the remainder will go to NITEP for the 1982-83 academic year.

Prof. Verna Kirkness, NITEP Supervisor, said much of the grant will be used toward program expansion related to the new NITEP centres in Prince George and Vancouver East.

The program started in 1974 and the first graduates received their Bachelor of Education degrees during UBC's spring congregation in 1978. NITEP now has graduated 38 degree students, and another 17 are teaching with educational certificates after completing three years of the four-year degree program.

Prior to the start of NITEP, there were only 26 native Indians teaching in British Columbia, and only three of the 26 had degrees.

All of the NITEP students are Native Indians, either status or non-status, who will graduate from the program qualified to teach in any elementary school in the province.

"We are educating Native Indians to be fully qualified teachers, at the request of Indian parents and Indian communities," says Prof. Kirkness. "Our teachers will have the kind of preparation needed to work with Native Indian children or in multi-cultural situations."

The NITEP students spend two years in a field centre, gaining practical teaching experience and taking university-level courses, and then attend UBC for the third and fourth years of their degree programs.

There are four NITEP centres this year, in Prince George, Kamloops, Vancouver East and North Vancouver. There are 21 students at the Prince George Centre, 18 in Vancouver East, 13 in Kamloops and 12 in North Vancouver. Twenty-eight NITEP students are doing third and fourth year on campus this year. In addition, the NITEP Program is offered on a part-time basis at Bella Bella and Williams Lake, enrolling 13 and 24 students respectively.

UBC President Douglas Kenny said he was "delighted indeed" with the

\$200,000 Donner Foundation grant. "We are most appreciative of the Foundation's continued support of the various aspects of our University," Dr. Kenny said.

Koerner grant means work for students

The UBC Museum of Anthropology has received a grant from the Leon and Thea Koerner Foundation to hire students to assist in the documentation and preservation of a large collection of pre-Columbian artifacts recently donated to the museum. The grant will enable the museum to photograph and catalogue the collection, and to assess what conservation work will be required.

The museum received the 385 pre-Columbian Peruvian artifacts in May, 1981 from an anonymous donor. The collection includes metal, ceramic, wood and stone artifacts, as well as a group of 77 outstanding textiles.

"We are especially pleased to acquire these textiles, many of which have been described by a specialist as 'rare and fine examples'," said museum director Dr. Michael Ames. "Pre-Columbian Peruvian textiles are recognized as some of the finest and most technically advanced in the world, therefore this acquisition will add significantly to the museum's important textile collection."

Mary Frame, a graduate student in UBC's fine arts department and a specialist on textiles, will photograph and catalogue the collection.

Three of the most unusual pieces in the collection are a rare Paracas (900-200 B.C.) woven turban, a late Paracas tasselled band with feline motif, and a triple woven cloth with intricate, multicolored humanoid designs.

The textiles will eventually be on view in the Research Collections (visible storage) galleries. The rest of this Peruvian collection will be placed in visible storage when the cataloguing and conservation work is completed.

UBC CALENDAR

Calendar Deadlines

Because of the Christmas holidays the deadline for submission of events for the weeks of Jan. 10 and Jan. 17 has been moved up to 4 p.m. on Dec. 23. These events will appear in the Jan. 6 issue of *UBC Reports*. Send notices to Information Services, 6328 Memorial Rd. (Old Administration Building). For further information, call 228-3131.

SUNDAY, DEC. 13

International House Children's Christmas Party.

Advance tickets only — \$.50 for members; \$.75 for non-members. For more information, call 228-5021. Upper Lounge, International House. 2:30 p.m.

MONDAY, DEC. 14

Medical Genetics Lecture.

Developmental Effects of Aneuploidy. Dr. John Opitz, co-ordinator, Shodair-Montana Regional Genetics Program, Shodair Hospital, Helena, Montana. B Lecture Hall, Heather Pavilion, VGH. 12 noon.

Academic Womens' Club.

Christmas Buffet. Reservations through Eleanor Vaines, home economics, by Dec. 9. Faculty Club. 12 noon.

Cancer Research Seminar.

Radiobiology at Low Doses of Ionizing Radiation. Dr. Branko Palcic, Medical Biophysics Unit, B.C. Cancer Research Centre Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 12 noon.

Linguistics Workshop.

Perception Verb Complements in the E.S.T. R.D. DeArmond, Languages, Literature and Linguistics, SFU. Room 365, Buchanan Building. 2:30 p.m.

Physiology Seminar.

The Use of Recombinant DNA Techniques in Studying the Genes Coding for the Blood Clotting Factors. Dr. Ross MacGillivray, Biochemistry, UBC. Room 2605, Block A, Medical Sciences Building. 4:30 p.m.

TUESDAY, DEC. 15

Forestry Seminar.

Effects of Harvesting and Slashburning on Site Nutrient Budgets. Dr. Michael Feller, Forestry, UBC. Room 166, MacMillan Building. 12:30 p.m.

Oceanography Seminar.

A Simple Model of Run-Off Driven Coastal Circulation. Prof. Paul H. LeBlond, Oceanography, UBC. Room 1465, Biological Sciences Building. 3:30 p.m.

WEDNESDAY, DEC. 16

Pharmacology Seminar.

Huntington's Chorea Here and Internationally: An Update. Dr. Thomas L. Perry, Pharmacology, UBC. Room 114, Block C, Medical Sciences Building. 12 noon.

Anatomy Seminar.

Autoradiographic Investigation of Estrogen Receptors in Cultured Rat Ovarian Surface Epithelial Cells. Anne Adams, Zoology and Anatomy, UBC. Room 37, Anatomy Building. 12:30 p.m.

THURSDAY, DEC. 17

Immunology Group Seminar.

Idiotypic Interactions in the Immune Response to Ferredoxin. Michael Weaver, Biochemistry, UBC. Room 200, Westbrook Building. 4 p.m.

FRIDAY, DEC. 18

Pediatric Grand Rounds.

Rational Use of Serum Drug Levels. Dr. J.M. Wright, Pharmacology, UBC. B Lecture Hall, Heather Pavilion, VGH. 9 a.m.

Medical Genetics Seminar.

Hydrocephalus and Anti-Platelet Antibodies. Dr. Noel Buskard, Fourth Floor Conference Room, Health Centre for Children, VGH. 1 p.m.

SATURDAY, DEC. 19

Today's Theatre.

Christmas Show. Admission is \$1. For more information, call 228-9803. 2845 Acadia Rd., UBC Campus. 11 a.m.

TUESDAY, DEC. 29

Basketball.

UBC vs. the Norway Club Team. War Memorial Gymnasium. 8:30 p.m.

SATURDAY, JAN. 2

Today's Theatre.

Today's Theatre presents *The Bogus Magus Returns*. Admission is \$1. For more information, call 228-9803. 2845 Acadia Rd., UBC Campus. 11 a.m.

THURSDAY, JAN. 7

Ohira Commemorative Lecture.

Re-evaluating Lafcadio Hearn's Japanese Writings — A Romantic Lamp or a Mirror of the Soul? Dr. Sukehiro Hirakawa, Comparative Literature and Culture, Tokyo University. Room 604, Asian Centre. 2:30 p.m.

FRIDAY, JAN. 8

Pediatric Grand Rounds.

Replacing Surfactant in the Premature Lung. Dr. John Smyth, Hospital for Sick Children, Toronto. B Lecture Hall, Heather Pavilion, VGH. 9 a.m.

Medical Genetics Seminar.

Big Genes, Little Genes: Some Problems in Determining Gene Action in Humans. Dr. R. Ward, Fourth Floor Conference Room, Health Centre for Children, VGH. 1 p.m.

Basketball.

UBC vs. the University of Saskatchewan. Continues on Jan. 9. War Memorial Gymnasium. 8:30 p.m.

Notices...

Botanical Garden Firewood Sale

The Botanical Garden is having a firewood sale on Monday, Dec. 14 through Friday, Dec. 18 at the Botanical Garden workyard (just off the corner of Stadium Road and SW Marine Drive.) Firewood is \$10 for 1/8 cord; \$35 for 1/2 cord; and \$65 for a cord. The sale is limited to UBC staff members and wood will be sold on a 'cash and carry' basis — no phone orders will be taken. Hours for the sale are 11 a.m. to 4 p.m. For more information, please call 228-3928.

Lost and Found

The campus Lost and Found is located in Room 164 of Brock Hall. Hours are 10:30 a.m. to 1:30 p.m. on Mondays, Tuesdays and Thursdays; 12:30 p.m. to 3:30 p.m. on Wednesdays; and 11:30 a.m. to 2:30 p.m. on Fridays. For more information, please call 228-5751.

Chess Tournament

The UBC Chess Club is sponsoring a chess tournament at UBC, Jan. 1 to 3 in Rooms 421 and 425 of the Henry Angus Building. Two sections: top section — over 1800, lower section — under 1600; 1600 to 1800 and unrated players may choose. For registration information, contact the UBC Chess Club, Box 41, Student Union Building, UBC. Or call 228-3714.

Religious Studies Conference

UBC's Department of Religious Studies is sponsoring a conference, Dec. 15 to 18, with the theme *Consultation on Modernity and Religion*. Speakers include W. Nicholls, J.F. Wilson, R.S. Ellwood, A.T. Davies, M. Amon, I. Hexham, S. Iida, D. Prithipaul, J. Needleman and H. Smith. Registration is \$30. For information, call 228-2515.

Special Collections Display

On display in the Special Collections Division (top floor, south wing, Main Library) are the exhibits *Westbrook's Dream for a University of British Columbia* and *The Knowledge of Our Origins*.

Reading, Writing, Study Skills

The Reading, Writing and Study Skills Centre is once again offering non-credit courses for students, for those who plan to resume studies, and for others who want to improve their skills for personal or professional reasons. A wide variety of courses begin the week of Jan. 25; English Composition Workshops start Jan. 9. For more information, call Lorna at 228-2181, local 245.

Education of Young Children

The Education of Young Children Division of the UBC Centre for Continuing Education will be offering a number of workshops and short courses of interest to persons living and working with young children. For further information, call Lorna at 228-2181, local 229.

Food Service Hours

Hours for food service facilities on campus during the Christmas season are as follows: Buchanan Snack Bar, Education Snack Bar and Ponderosa Snack Bar close Dec. 11; Auditorium Snack Bar closes Dec. 18; Barn Coffee Shop, I.R.C. Snack Bar close Dec. 22 — all facilities re-open Jan. 4. The Bus Stop Coffee Shop closes Dec. 22 and re-opens on Dec. 29.

Co-operative Education Programs

The Co-operative Education Programs in Engineering and Forestry are accepting applications from all interested students in Science 1 and transfer Ap.Sc.1 and FRST 1 until Dec. 15. For more information, call 228-3022 or drop by Room 213 of Brock Hall.

Museum of Anthropology

Exhibitions: The Legacy: Continuing Traditions of Canadian Northwest Coast Indian Art, Nov 25, 1981 to Aug. 31, 1982; West Coast Graphics: Images of Change and Kwagwutl Graphics: Tradition in a New Medium, through until Dec. 31.

Guided Gallery Walks: gallery guides will introduce museum galleries to visitors. 2:30 p.m. on Thursdays.

Free Identification and Conservation Clinic: Nov. 24 from 7 to 8:30 p.m.

Snake in the Grass Moving Theatre: Clowns Garbanzo and Koko perform Sundays at 2 p.m. until Dec. 6.

The Cedar Tree: Uses of the Cedar tree demonstrated Sundays from 1 to 3 p.m. in the museum theatre.

Museum hours are noon to 9 p.m. on Tuesdays, noon to 5 p.m. Wednesdays through Sundays, and the museum is closed Mondays. For information on museum activities, please call 228-5087.

Nitobe Garden Hours

From Nov. 9 to Feb. 28 the garden will be open from 10 a.m. to 3 p.m. on weekdays and will be closed weekends.



100.1 on cable fm

Program Notes for the Christmas holidays...

SUNDAYS

8 a.m. *Music of Our Time.* Modern classical music is used as a base for exploring the links between various genres of music.
12:30 p.m. *The Folk Show.* Particular emphasis on Canadian folk music ranging from Acadian fiddle to pure acoustic folk.
2:30 p.m. *Laughing Matters.* An in-depth look at recorded comedy. Each week CITR explores a different theme.

MONDAYS

3 p.m. *The Melting Pot.* This weekly show looks at the huge wealth of research that is being done by UBC professors and graduate students.
4:30 p.m. *Making Waves.* Every week a different issue of concern to the UBC community is explored.
7 p.m. *Off Beat.* A comic round-up of the week's off-beat news stories plus a street-level review of cheap entertainment in Vancouver.
9:30 p.m. *The Jazz Show.* Emphasis on swing, big band, modern, and free-form experimental jazz.

TUESDAYS

3 p.m. *Gay Issues.* This weekly show is produced by the Gay People of UBC.
5 p.m. *Thunderbird Report.* A look at intercollegiate and intramural sport at UBC.
9 p.m. *Airstage.* Drama for the radio. Written and produced by homegrown UBC talent.

WEDNESDAYS

3 p.m. *Still Ain't Satisfied.* The focus of this weekly program is on womens' issues.

THURSDAYS

3 p.m. *Cross Currents.* Environmental and consumer issues are analyzed every week.
5 p.m. *Thunderbird Report.* A look at intercollegiate and intramural sport at UBC.

FRIDAYS

3 p.m. *Dateline International.* This weekly show looks at world political issues.

SATURDAYS

3 p.m. *Behind Four Walls.* Rental issues as they effect UBC students are explored.
6 p.m. *Import Show.* The newest releases from Europe. Features mainly modern dance music.

CITR-UBC Radio hopes to be broadcasting on regular FM frequency 101.9 early in the new year.

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