

More to life than gross national product — Kenny

One of the greatest challenges facing education in the next decade will be to maintain the integrity of a liberal arts education in the face of demands for more professional and vocational education, UBC president Douglas Kenny said last night (Nov. 7).

"Economic success may appear to come through vocational specialization," Dr. Kenny told the Canadian Club of New Westminster and the Fraser Valley, "but if our civilization is to endure, it must be through the realization that there is more to life than the gross national product."

Dr. Kenny described students as one of the oldest and most sensitive consumer movements of all time, and

he said they know and understand that an increasingly complex society is making advanced education a necessary personal investment.

"We must have more scientists, we must have more skilled technicians, more professionals, if this country is going to compete in the world marketplace of ideas. Yet we must not allow our young people to become duped into believing that success in life necessarily comes through professional specializations."

The UBC president said a liberal education is even more crucial because of the inroads on our lives made by science and technology.

"Is society going to set the goals for technology, or are we going to allow

technology to set the goals for society?"

Dr. Kenny said both sides could learn from mission-oriented research conducted on a university campus and said the industrial research parks to be established at the three B.C. universities were a good example of this.

"The mere fact that this new research presence is there will force the liberal arts community to focus on and understand its activities," he said.

"In fact, I strongly suspect that those firms which do locate their research in the Discovery Parks will be stealing a step on their competitors by getting a much more perceptive idea about the directions society wants technological research to follow."

The UBC president said he was convinced the public supported his university's increasingly stiffer entrance requirements.

"There is no question but that citizens expect our universities to be efficiently run while providing academic excellence," he said. Universities will be in trouble if they ever forget those two expectations."

Dr. Kenny said a liberal education is designed to liberate the mind, with the goal of preparing the more able for leadership and the less able for intelligent citizenship.

"The human mind, when it looks beyond the short term, remains the one resource that will not fail us," he said.

UBC reports

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UBC Board to counter UCBC report

UBC's Board of Governors has voted to counter accusations by the Universities Council of B.C. that the University is not making efficient use of public funds.

The Board voted Tuesday to ask its chairman, Leslie Peterson, to write to the Council after UBC's president, Dr. Douglas Kenny, commented for nearly 15 minutes on UBC's annual report to the provincial government, which included funding recommendations for the current fiscal year.

In its report to the provincial government the Council said that while it appreciated the difficulties the universities face in taking appropriate action "to meet the widespread demand for the greater efficiency in the use of all public funds, it has been presented with only slight evidence of the need to do so by the University of British Columbia...."

President Kenny told the Board that the Council has received a great deal more than "slight evidence" from UBC about the efficient use of public funds.

The Council, he said, had been made aware of the discrepancies between the perceived needs of the universities and what they actually receive in terms of annual operating grants and that the percentage increase received by the universities was not equal to the rate of inflation.

The Council, he continued, was also well aware that the university system was highly labor intensive and that salary increases were subject to bargaining under collective agreements.

He said UBC had not received funds to enable it to maintain library purchases or to offset the costs of increased supplies resulting from inflation and the declining value of the Canadian dollar.

President Kenny continued that the Council had received evidence that UBC is actually underfunded and that the inequitable distribution of the annual operating grant was "detrimental to this University."

He said the Council was aware of the way in which UBC allocated its resources and that for the past six years UBC had ranked first in a list of the 23 largest Canadian universities in terms of the percentage of money allocated for academic purposes and last in terms of the percentage of funds allocated for administration.

UCBC, the president said, also knew that over the three fiscal years from 1976-77 to 1978-79 UBC had removed a total of \$3,804,401 from its continuing operating costs.

He termed the Council's statement "unfortunate" and said it could have an effect on funding for the next fiscal year.

Mr. Peterson will include evidence of UBC's efficient use of funds in his letter to the Universities Council.



Jim Banham photo

"Is it ticking?" asks Tony Galloway, a 27-year UBC employee who retired recently as superintendent of new construction. The contents of the box turned out to be a large mantel clock for his new retirement home.



Jim Banham photo

Alison Law, left, and Ruth Pearcey, two long-time members of the Registrar's Office and familiar faces on campus, retired last week after serving UBC for a combined total of 56 years. Both have new ventures in mind for the future.

Three long-time UBC employees retire

Friends, colleagues and representatives of most of B.C.'s major construction companies and architectural firms gathered in UBC's Graduate Student Centre recently to pay tribute to Tony Galloway, a well-known campus figure who has retired from the post of superintendent of new construction at UBC.

Since 1956, when he was appointed clerk of works for new construction, Tony Galloway has served as the liaison man between the University and the construction companies which were awarded contracts for new UBC buildings.

In this capacity he was responsible for ensuring that contracting firms constructed new buildings according to architect's specifications. Only when Tony Galloway signified that the work had been completed satisfactorily would the contractor be paid.

Born in Belfast, Northern Ireland, Tony Galloway joined the Department of Physical Plant in 1952 as a carpenter after serving for six years with the Royal Engineers. Four years later, in 1956, he became clerk of

works for new construction. In the ensuing years he's had a number of job titles — supervisor of new construction from 1963 to 1967, assistant superintendent of new construction from 1967 to 1978 and, laterally, superintendent of new construction.

With his wife, Mary, Mr. Galloway has retired to the Okanagan town of Summerland, where he recently built a retirement home.

"The work I can leave behind without regret," said Ruth Pearcey, on her last day of work at UBC before retirement, "but it's the people that I'm going to miss."

Mrs. Pearcey, administrative assistant in the Registrar's Office, retired from UBC Oct. 31 after more than 23 years here. She joined the Registrar's Office in 1956 as secretary to the registrar, when the office was housed in what is now known as the Old Administration Building. Also in the building at that time were the purchasing department, the finance department, the data processing centre and a branch of the Bank of Mon-

treal, which should indicate how the University has grown.

Besides the physical changes at UBC, Mrs. Pearcey has also seen changes in the student body. "There's a lot more older students now," she notes, and that gives her courage for her next venture after retirement. She's going to come back to UBC as a student.

She had been out of high school three years when she first was a student at UBC. "But my first year I discovered the Players' Club, and came out of the year with only nine units."

Her recent trip to Iran and Turkey sparked in her an interest in ancient history, and that's what she hopes to study at UBC next spring. She'll be taking credit courses, not just courses for interest, though, because, as she says, "I need the commitment."

Another long-time member of the Registrar's Office staff retired Nov. 1. Alison Law, an admissions officer for the University, left last Thursday after

Continued on p. 2
See RETIREMENTS

W5 show on foreigners brings protest

A recent CTV program investigating the presence of foreign students in Canada contained many "distortions and inaccuracies," the Association of Universities and Colleges of Canada (AUCC) has charged.

A strong protest has been filed by the AUCC with the president of CTV network and the producers of its "W5" show. The program in question was aired Sept. 30.

Host Helen Hutchison claimed that "thousands of Canadians are being kept out of our universities by foreign students," citing such subjects as engineering, medicine, pharmacy, and computer science.

"The program was built around a particular case which was entirely unfounded," stated Alan Earp, president of Brock University (St. Catharines) and current president of the AUCC.

Against a backdrop of scenes of Chinese students at the University of Toronto (in fact, it was a meeting of the Chinese Students' Association), W5 interviewed a Canadian student from St. Catharines who was not admitted to the University of Toronto's pharmacy program. The implication was made that she was refused admission because the space was taken by a foreign student. In fact, not one single visa student has been admitted to the pharmacy faculty.

The program also implied that there are large numbers of "foreigners" in medicine at the University of Toronto. The fact is that there are only two visa students in a class of 256.

At UBC, visa students in 1979-80 account for less than one per cent of all undergraduate and professional program students. (Professional programs include law, medicine, dentistry, architecture and pharmacy.) Of the total 21,097 undergraduate and professional enrolment, 203 are visa students this fall. At the graduate level, 16 per cent are on student visa, bringing the total of all visa students to 2.88 per cent of the total enrolment.

Visa students are not admitted to UBC unless they have gone as far as they can in the education system of their own countries. Each application for admission is assessed individually.

Much of the problem, the AUCC states, lies in confusion between landed immigrants and those with student visas. Under Human Rights legislation landed immigrants cannot be differentiated from Canadians for the purposes of university admission. Visa students account for less than five per cent of the total enrolment in Canadian universities.

Service set

A Remembrance Day service will be held at 10:45 a.m. Sunday, Nov. 11, in the foyer of the War Memorial Gymnasium at the University of B.C.

The address will be given by E.C. Wilkinson, a member of the 196th Western Universities Battalion Association, and the scripture will be read by J.V. Clyne, the University chancellor.

Reverend L.R. Pocock will conduct the service which is open to the public.

Music will be provided by the UBC Wind Symphony. Students, staff, faculty and interested members of the University community are all welcome.



Jim Banham photo

It was standing room only in the Great Hall of UBC's Museum of Anthropology last week for the opening of the museum's major fall show, a display of the graphic art of Haida artist Robert Davidson. His work will be on display at UBC until February, 1980, and then will travel to the Queen Charlotte Islands Museum and the Provincial Museum in Victoria. Another feature of the opening-night ceremony was the presentation of a book on Davidson prints, written by B.C. author Hilary Stewart.

Chinese scholars studying here as part of education exchange

Nine Chinese scholars will be studying at UBC this fall and winter as part of an agreement to further the development of educational exchanges and co-operation between Canada and the People's Republic of China.

The exchange is part of a Canada-wide program which follows negotiations between the Chinese Ministry of Education and the Council of Ministers of Education, Canada.

Six of the nine scholars have now arrived on campus, the latest arriving last weekend. During their stay they'll be living in the low-rise complex of the Gage residence. Before coming to Canada, they had to complete intensive courses in English comprehension and conversation, and most of the visitors expect to stay in Canada between one and two years. The Chinese government is covering their living costs.

Two of the Chinese scholars have

come to UBC to study medical carcinogenesis. Others are studying fish physiology, mineral engineering, electrical engineering and oceanography.

In all more than 100 Chinese scholars will study and carry out research in Canadian institutions this year. In turn, the Chinese government will promote accessibility of Canadian scholars and students to its institutions of higher learning through travel to China, access to research materials and attendance at regular courses. Discussions will be held between the Chinese ministry of education and the Canadian embassy in Peking to promote access for Canadian students, postgraduates, and university professors, including specialists in social sciences, humanities and science and technology.

A number of UBC people have recently been to China to study and travel

Construction to start soon on UBC's Asian Centre

Van Construction of Burnaby, the lowest of six bidders, has been given the job of completing construction of the Asian Centre at the University of British Columbia.

The Van bid of \$2,797,187 was within budget.

C.J. (Chuck) Connaghan, UBC vice-president administrative services, said he was encouraged by the number of bids, and by the highly competitive bidding. He said work would start immediately, with the building expected to be ready for occupancy early in 1981.

The UBC Board of Governors had set a budget of \$3,591,952 for completion of the Asian Centre, including landscaping and furnishings.

The centre will house UBC's Asian

Studies library of more than 200,000 books, as well as offices for members of the Department of Asian Studies and the Institute of Asian Research. There will also be a 250-seat auditorium for performances of Asian music, theatre and dance, and an exhibition area.

Work on the Asian Centre began in 1974, following donation to UBC by the Sanyo Corporation of the massive roof used on Sanyo's pavilion at Expo '70 in Osaka, Japan. But with the exterior walls up and the roof on, funds ran out in 1975 and work was halted.

The Asian Centre is located on the West Mall at UBC, adjacent to the Nitobe Memorial Garden, just off Marine Drive.

Chair in Accounting to be funded

The accounting profession is in need of well-trained university graduates, and at least one major firm, Arthur Andersen & Co., is putting substantial capital money into the university system to encourage them.

R. Beverley Harrison, managing partner of the firm's Vancouver office, has announced the funding of the Arthur Andersen & Co. Alumni Chair in Accounting at UBC.

"We look upon it as an investment to help meet the continuing need for accountants who have been taught by business faculties staffed with the best teachers available," Mr. Harrison said. "Our firm and our employees have had a long-term relationship with UBC in the funding of accounting development. The establishment of the chair is a new and interesting departure which we feel will help to satisfy a real need."

Peter Lusztig, dean of Commerce and Business Administration at UBC, says endowed "chairs" are relatively new in Canadian business schools but points out that this is his faculty's fourth.

The others are the United Parcel Service Chair in Transportation, the Philip H. White Chair in Urban Land Economics, and the Albert E. Hall Chair in Finance.

Establishment of a chair is a major financial undertaking because it can require an endowment large enough to fund the teaching and research costs of a senior professor on an annual basis. "Each case is different, depending on whether or not the income is designed to cover both salary and related expenses," Dean Lusztig says. "If it covers both, we would be talking about funds well up in the six-figure range to generate the required income."

"But the endowment offers tangible benefits to the firm involved. It meets their desire to aid in the development of recruitable talent as well as supporting research and teaching in their particular field. It also allows them to plan for financing of such support on a long-term basis, targeted to a very specific field of study," Lusztig added.

RETIREMENTS Continued from p. 1

more than 33 years with the Registrar's Office.

She, too, has seen a lot of changes over her years at the University. When she first joined the staff of the Registrar's Office, there were five people in the department. In 1949, three years after she joined UBC, the University got its first IBM to store student records, she recalled. There were about 9,000 students on campus at the time, many of them ex-service people whose education had been interrupted by the war.

Ms. Law started out at UBC as a stenographer, gradually moving up to graduate assistant, administrative assistant, and most recently, admissions officer examining the records and applications of students wishing to come to UBC.

She plans on retirement to follow her early interests in art and pottery making. She'll be moving in December to her old family home on Gabriola Island, a part-time home on weekends and holidays for many years. She's looking forward to perhaps getting a kiln and taking summer courses at the Banff School of Fine Arts.

"I look on retirement as the start of something new," Ms. Law said, "not the end of something."



Ken Young

New registrar appointed

Kenneth Gordon Young, 41, has been appointed registrar of the University of British Columbia, effective Jan. 1, 1980.

He succeeds Jack Parnall, 65, UBC's registrar since 1957.

Ken Young joined UBC in 1965 as assistant registrar, after spending two years as assistant registrar at the University of Calgary. He was named associate registrar at UBC in 1973.

He was born in Edmonton and holds Arts and Commerce degrees from the University of Alberta, with majors in psychology and personnel administration.

Young will also succeed Parnall as secretary of the UBC Senate.

"The challenge of the '80s will be to respond to the needs of a changing student population," Young said. "Although the traditional 18-to-24-year-old full-time student will continue to occupy the majority position, the special needs of the older, part-time student who is attending university in increasing numbers will have to be addressed."

Shuttle bus at your service

The shuttle bus service to take students studying on campus at night back to the residences and to their cars in B-lot has started up again, now that the darker nights are approaching.

However, the Traffic and Security service is not being as well used as it might be. The greatest number of users in an entire evening so far has been 17, in spite of the fact that the 17-seater bus runs for more than three hours each evening.

The bus service, instigated three years ago at the request of women students on campus, runs from 7:30 to

Accidents will happen, but safety people on the lookout

Every year on this campus, between three and four hundred accidents are reported to the University's safety committee. That's roughly one a day, if you average the total over a year.

But an accident isn't necessarily as serious as it sounds. "Accidents" can be anything from tripping over a filing cabinet or catching fingers in an elevator door, to more serious things like being bitten by an animal or splashing chemicals into eyes.

Back injuries are very common, occurring when people slip on wet floors or try to lift heavy articles.

Most accidents on campus are relatively minor. And, according to Cal Barber, Employee Relations' safety co-ordinator, carelessness, not unsafe conditions, is the cause of more than 60 per cent of them.

How many accidents happen on campus, and why, is a concern to Cal Barber and the University's safety committee, because it affects the rates that UBC must pay to the Workers' Compensation Board for insurance.

"Special consideration is given to UBC because of its very low accident

rate," Mr. Barber explained, "though our record now is not as good as it has been." Every employer must contribute to the Workers' Compensation Board so that every employee who is injured on the job can be covered by accident insurance.

How much an employer must pay is, of course, determined by the number of employees, but also the type of business carried out. A mill, for example, has a very high hazard rate and thus generally pays a very high insurance rate. In UBC's case, the low insurance rate is partly because of the nature of the business carried out here, but not entirely. If you stop to consider the diversity of work done on campus, there is no one category that UBC would fit into nicely.

To keep the number of accidents on campus to a minimum, every department has a safety officer who should be on the lookout for potential dangers. And they in turn can report to the University's Safety, Security and Fire Prevention Committee.

Since just after World War II this

committee has been in operation, recommending changes to make a safer campus. Recently, for example, better railings and lights were placed on the stairwells leading down into the Sedgewick library, on the committee's recommendation. In the General Services Administration Building, renovations to the stairs will be made and new railings will be installed after a couple of recent accidents. Although the stairs in the GSAB met the national building code standards and the Workers' Compensation Board regulations, the committee still recommended for safety's sake that the changes be made.

Because safety more often than not crosses departmental lines and it's unlikely that any one department has enough money in its budget for upgrading what might be problem areas, money for recommended changes comes directly from the President's Office.

Besides recommending changes when accidents do occur, the safety committee is also concerned with prevention. An extensive program of brochures, films and talks, developed by the Workers' Compensation Board, is available to campus groups through Cal Barber in Employee Relations. Not long ago, the people working at the UBC Botanical Garden were given a special accident prevention program. Members of the Workers' Compensation Board came to campus and showed films on such subjects as how to lift properly or how to use ladders.

If you think your department could benefit by such a program, give Cal Barber a call at local 5811.

UBC tops \$25 million mark for research funding last year

UBC received \$25,923,392 for research in the 1978-79 fiscal year, an increase of 23 per cent over the previous year, UBC's Board of Governors was told at its November meeting on Tuesday.

The increase means that UBC has "emerged from the lean years" that characterized research funding in the early 1970s, says Dr. Richard Spratley, UBC's research administrator in his annual report to the Board.

Highlights of research funding during the 1978-79 fiscal year pointed to by Dr. Spratley include the following:

- Continuation of the gradual decrease in the proportion of funds provided by the federal government

from a peak 78 per cent in 1972-73 to 64 per cent in 1978-79;

- A dramatic increase in provincial government support, largely as a result of awards from the B.C. Health Care Research Foundation (\$883,854) for projects in the health sciences;

- A continuation of the trend toward "mission-oriented" research to a point where research contracts now make up 15 per cent of the total funds received by UBC as opposed to 10 per cent in 1972-73; and

- A gradual increase in research programs carried out in collaboration with industrial companies.

The Faculty of Medicine received more than any other UBC faculty for research in 1978-79, edging out the Faculty of Science \$7,699,106 to \$7,453,173. The Department of Chemistry was the departmental leader, topping \$2 million for the first time in 1978-79.

Faculties which have shown major increases in research funding over the past four years are Commerce and Business Administration, Education, Pharmaceutical Sciences and Agricultural Sciences.

Erosion control meeting tonight

A reminder to the people interested in the erosion control proposals for the Point Grey cliffs that public meetings to discuss the proposals will be held this week.

First meeting is set for tonight (Thursday) at 7:30 p.m. at Lord Byng School to discuss the master plan report prepared for UBC by Swan Wooster engineering company.

Friday night's meeting, also at 7:30 p.m. at Lord Byng, will hear a brief presented by the Wreck Beach Committee. Other briefs will be heard on Saturday at two public meetings in the Hebb Theatre on campus. The first meeting begins at 2:00 p.m., and an evening meeting follows at 7:30 p.m.

For further information, call 228-5311.

McGeer makes new appointments to UBC Board and Senate

New appointments to UBC's Board of Governors and Senate have been announced by B.C.'s minister of education, Dr. Patrick McGeer.

Joy McCusker, a member of the management committee of UBC's Health Sciences Centre, has been appointed to the Board of Governors, succeeding Rendina Hamilton, who has resigned to become a member of the Universities Council of B.C.

The newest UBC senator is Harry Franklin, a UBC graduate who was executive director of the University's Alumni Association for seven years until resigning recently.

Mrs. McCusker graduated from UBC in 1947 with a degree in zoology and bacteriology and pursued a career in scientific research. With her husband, Vancouver dentist Dr. Tom McCusker, she is active in the International Association of Voluntary Health Services.

Mr. Franklin graduated from UBC in 1949 with a degree in economics and was a Vancouver business executive until 1971, when he went to Ottawa to establish the national office of the Canadian Amateur Basketball Association.

Profile published on B.C. kids

- Some five per cent of British Columbia's adolescent girls will become pregnant this year and most of them will have abortions.

- In one B.C. school district, only one student in three completes Grade 12; in another district, 9 out of 10 complete Grade 12.

- Among B.C.'s secondary school students there are far more drinkers than smokers.

Those are just three of the facts culled from Child Health Profile, a collection of information about the children of British Columbia that has been prepared by pediatrician Roger Tonkin, an assistant professor in the Faculty of Medicine at UBC.

"Our children are our most precious natural resource," Dr. Tonkin says in the preface to his book. "Societies stress the value of children and nurture warm, joyful, even optimistic images of childhood. But what is the reality of being a child today?"

Dr. Tonkin then uses the most current data available, much of it previously unpublished, to present an objective picture of the status of children in B.C. today.

"By and large," says Dr. Tonkin, "the children of B.C. enjoy good health and receive a sound education. They seem well prepared to cope with the future."

Child Health Profile contains close to 50 tables, charts and graphs, covering everything from A (adolescents and the law) to W (whooping cough cases, 1952-78).

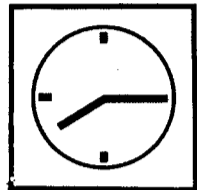
Copies of Child Health Profile are available from the UBC Division of Population Paediatrics, 250 West 59th Avenue, Vancouver, V5X 1X2, for \$3.

UBC Calendar

UBC CALENDAR DEADLINES

Events in the week of
 Nov. 18-Nov. 24 Deadline is 5 p.m. Nov. 8
 Nov. 25-Dec. 1 Deadline is 5 p.m. Nov. 15
 Send notices to Information Services, 6328 Memorial Road (Old Administration Building), Campus. Further information is available at 228-3131.

THE VANCOUVER INSTITUTE



SATURDAY, NOV. 10
 Prof. Eugene Wigner, Physics, Princeton University, on **Einstein — The Man and His Work**.
SATURDAY, NOV. 17
 Dr. Donald A. Schon, Ford Professor of Urban Planning and Education, Massachusetts Institute of Technology, on **Will the Professions Survive? The Age of Uncertainty**.
 Both lectures at 8:15 p.m. in Lecture Hall 2, Woodward Instructional Resources Centre. A brochure listing all pre-Christmas Institute lectures is available from Information Services, UBC, telephone 228-3131.

SUNDAY, NOV. 11

ASIAN STUDIES CONFERENCE on Southeast Asia: **Changing Social Structures and Levels of Living** public participation workshops. Enquiries: Asian Research Institute, 228-6401.
10:45 a.m. REMEMBRANCE DAY SERVICE in the foyer of the War Memorial Gymnasium.
2:30 p.m. McKECHNIE CUP RUGBY. UBC Thunderbirds vs. Fraser Valley. Thunderbird Stadium.
3:00 p.m. MUSEUM OF ANTHROPOLOGY presents the first of a four-part series on **Art as Language**. Robert Davidson will give an illustrated introduction to his exhibition, currently on display at the museum, 6393 Northwest Marine Dr.
7:00 p.m. SUBFILMS presents **Coming Home** with Jane Fonda, Jon Voight and Bruce Dern. Auditorium. Student Union Building. Admission with AMS card, \$1.
8:00 p.m. ICE HOCKEY. UBC vs. Delta. Thunderbird Winter Sports Centre.
ASIAN STUDIES CONFERENCE in collaboration with National Film Board world premier showing of **North China Commune**, produced by Boyce Richardson who will introduce the film. Lecture Hall 6, Woodward Instructional Resources Centre.

MONDAY, NOV. 12

University will observe Monday as a paid holiday in lieu of Remembrance Day. All campus libraries closed; all campus food service units (except residence outlets) closed.

TUESDAY, NOV. 13

9:30 a.m. ANTHROPOLOGY LECTURE. Dr. Brian Egluff on **Recent Investigations of a Lapita Pottery Complex in Northwestern Melanesia**. Room 2307, Anthropology and Sociology Building.
12:30 p.m. ASIAN RESEARCH LECTURE. Prof. Fei Xiao-Tong, vice-president, Chinese Academy of Social Sciences, and deputy director, Institute of Nationalities, People's Republic of China, on **Modernization and China's Minorities**. Room 106, Buchanan Building.
WORLD UNIVERSITY SERVICES CANADA Meeting, with a report from the general meeting in Toronto, a slide show on Colombia, and information on summer projects. Room 205, Buchanan Building.
ANTHROPOLOGY LECTURE. Dr. Brian Egluff on **The Development of a National Museum in Papua New Guinea**. Theatre Gallery, Museum of Anthropology, 6393 Northwest Marine Dr.
BOTANY SEMINAR. Dr. Michael S. Foster, Moss Landing Marine Labs., California, on **What Controls Algal Distribution in Central California Kelp Forests?** Room 3219, Biological Sciences Building.
FREESEE FILM SERIES presents a seven-part series on **Civilization** with Kenneth Clark. This week's film is **The Hero as Artist**. Auditorium, Student Union Building. Free.
1:30 p.m. ELECTRICAL ENGINEERING SEMINAR. Dr. P. Gilmore, Computer Science, UBC, on **Computer Science and Electrical Engineering at UBC — How Can They Relate?** Room 402, Electrical Engineering Building.
3:30 p.m. OCEANOGRAPHY SEMINAR. Dr. C.S. Wong, Ocean Chemistry Division, Institute of Ocean Sciences, Fisheries and Oceans Canada, Sidney, B.C., on **Atmospheric Carbon Dioxide — A Burning Issue?** Room 1465, west wing, Biological Sciences Building.
ENGLISH COLLOQUIUM. Dr. A.B. Dawson on **Shakespeare's Messengers: or Much Ado About Signifying.** Penthouse, Buchanan Building.
4:30 p.m. CHEMISTRY COLLOQUIUM. Dr. Anthony Rest, University of Southampton and UBC, on **Matrix Isolation Studies of Organometallic Intermediates**. Room 250, Chemistry Building.
7:30 p.m. CUSO INFORMATION NIGHT on Bolivia. Upper Lounge, International House.
8:00 p.m. THE INUIT WORLD. Dr. Ian Whitaker, Anthropology and Sociology, SFU, on **Problems of Survival**. Room 100, Scarfe Building. Admission, \$5.
AMS SPEAKERS FORUM. The second in a four-part series on **Computers for the '80s**. Party Room, SUB.

WEDNESDAY, NOV. 14

12 noon PHARMACOLOGY SEMINAR. Dr. Ralph Keeler, Physiology, UBC, on **Renal Effects of Endotoxin**. Room 114, Block C, Medical Sciences Building.
FAMILY RELATIONS ACT noon-hour series. Fifth of six speakers is Prof. D.J. MacDougall, Law, UBC, on **Matrimonial Property — Who Gets What?** Theatre, Robson Square Media Centre, downtown Vancouver.
12:30 p.m. HISTORY LECTURE. Geoffrey Parker, visiting professor, History, UBC, and Reader in Modern History, University of St. Andrews, on **Philip II and the Decline of Spain**. Room 104, Buchanan Building.

WEDNESDAY, NOV. 14 (Continued)

12:30 p.m. NOON-HOUR CONCERT. Pawel Chęcinski, piano; John Loban, violin; and Eric Wilson, cello, perform **Music of Haydn and Brahms**. Recital Hall, Music Building.
HABITAT LECTURE. Dr. Ramiro Cardona, scholar-in-residence at UBC's Centre for Human Settlements, on **Population Distribution and Strategies for Development in Latin America**. Room 107, Lasserre Building.
LAW STUDENTS' ASSOCIATION Film Committee presents **Union Maids**, a documentary on three Chicago women, rank and file labor organizers in the '30s. Rooms 101 and 102, Law Building.
2:30 p.m. GEOLOGICAL SCIENCES COLLOQUIUM. D. Pounder, Chevron Standard Ltd., Calgary, on **The Geology, Geophysics and Significance of the Nisku Reef Discoveries, West Pembina Area, Alberta**. Room 330A, Geological Sciences Centre.
3:30 p.m. ASIAN RESEARCH SEMINAR. Prof. Fei Xiao-Tong, vice-president of the Chinese Academy of Social Sciences, and deputy director, Institute of Nationalities, People's Republic of China, on **Social Sciences in China Today**. Penthouse, Buchanan Building.
STATISTICS WORKSHOP. Dr. J. Collins, Mathematics and Statistics, University of Calgary, on **Some Minimax Variance Problems in Robust Estimation Theory**. Room 214, Angus Building.
APPLIED MATHEMATICS AND STATISTICS Seminar. Prof. R. Helleman, La Jolla Institute and Twente University of Technology, Netherlands, on **Chaotic Behavior in Non-Linear Mechanics**. Room 104, Mathematics Building.
ECONOMIC THEORY WORKSHOP. C. Riddell on **The Length of Economic Contracts**. Room 351, Brock Hall.
CHEMICAL ENGINEERING SEMINAR. M. Kennard on **Degradation of Amine Treating Solutions**. Room 206, Chemical Engineering Building.
4:30 p.m. ECOLOGY SEMINAR. Dr. Alan Chambers, Forestry and Animal Resource Ecology, UBC, on **Toward a Synthesis of Mountains, People, and Institutions**. Room 2449, Biological Sciences Building.
6:00 p.m. CHRISTMAS AT HYCROFT sponsored by the University Women's Club of Vancouver. Admission, \$2; children 11 and under, 50 cents. Information 731-4661. Hycroft, 1489 McRae Avenue. Continues until 9:30 p.m. Wednesday; Thursday and Friday, 11:00 a.m. till 9:30 p.m.; Saturday, 11:00 a.m. till 5:00 p.m.
7:00 p.m. SPORTS MEDICINE SEMINAR. Dr. Jack Taunton, Vancouver Sports Medicine Group, on **Running and Stress Related Injuries**. Lecture Hall 6, Woodward Instructional Resources Centre.

FINAL ORAL EXAMINATION FOR THE DEGREE OF DOCTOR OF EDUCATION

Listed below are scheduled final examinations for the degree of Doctor of Education at the University. Unless otherwise noted, all examinations are held in the Faculty of Graduate Studies Examination Room, General Services Administration Building. Members of the University community are encouraged to attend the examinations, provided they do not arrive after the examination has commenced.
Tuesday, Nov. 13, 3:45 p.m.: NICHOLAS RUBIDGE, Education: **The Effects of Learning and Instructional Style Congruence in an Adult Education Learning Environment**.

DRAMA

Occupational Hazard, a play by Nora D. Randall, directed by Moira Mulholland, opens Monday, Nov. 12, and continues until Saturday, Nov. 17, at the Dorothy Somerset Studio, 8 p.m. Admission, \$3. For ticket information and reservations, call 228-2679.

NITOBE GARDEN HOURS

From Sunday, Nov. 11-Feb. 28, the Nitobe Garden will be open weekdays only between 10 a.m. and 3 p.m.

MEDIAEVAL WORKSHOP

The ninth Medieval Workshop, an activity of the UBC Medieval Studies Committee, will be held on Friday and Saturday, Nov. 15 and 16. This year's workshop will concentrate on **St. Basil and Byzantine Culture**. Programs and registration information are available by calling 228-4306 or 228-2757. Registration fee of \$20 covers the cost of Friday and Saturday luncheons and a Friday night dinner.

SUMMER JOBS FOR STUDENTS

Representatives from the Ministry of Labour — Employment Opportunity Program are visiting UBC to accept applications for full-time summer employment with provincial ministries and other employers who use the Youth Referral Service in 1980; Nov. 5-16, excluding Nov. 12; 8:30 a.m.-4:30 p.m. Brock Memorial Hall.

CEREMONY OF CAROLS CHORALE

Faculty and students are invited to join in the last five rehearsals of Benjamin Britten's Ceremony of Carols with harp accompaniment. Either Tuesdays, 12:30-1:20 p.m., or Thursdays, 2:30-3:20 p.m. Music Education Hut 0-16, 6488 Old Orchard Rd. Further information, 228-5206, 228-5367.

MUSEUM OF ANTHROPOLOGY

The museum has introduced a "touchable" exhibition for the visually handicapped, involving objects from Northwest Coast Indian culture. Explanatory labels are provided in braille and in audio-cassettes. The program is offered on Tuesday, Nov. 20, from 7 to 9 p.m.; and on Saturday, Nov. 17, from 2 to 4 p.m. Participation is by appointment. Call 228-5087 for bookings.

MUSEUM EXHIBITS

Cycles: The Graphic Art of Robert Davidson, Haida, continues until Feb. 3, 1980.
 Three student exhibits are on display in the museum — **Design Elements in Northwest Coast Indian Art; The Evolution of Bill Reid's Beaver Print and Kwagiutl Masks: An Expression of Transformation**.

THURSDAY, NOV. 15

12:30 p.m. UBC COLLEGIUM MUSICUM. John Sawyer and John Chappell, co-directors. Recital Hall, Music Building.
NOON-HOUR TRAVELS WITH ZOOLOGISTS. Dr. C.L. Gass and K. Lertzman, Zoology, UBC, on **Getting High on California**. Room 2000, Biological Sciences Building.
BURGESS-LANE MEMORIAL LECTURE. Dr. Peter Koch, Southern Forest Experiment Station, Pineville, Louisiana, on **A Concept for Operation of Southern Pine Plantations in Year 2020**. Room 166, MacMillan Building.
WEEKLY WEATHER BRIEFING for previous seven days and previews of weather for coming five days in Room 215, Geography Building.
12:45 p.m. PHYSICAL EDUCATION AND RECREATION Seminar. Dr. Ken Balmer, president, Canadian Parks and Recreation Association, on **Physical Education and Recreation in Canada in the 1990s**. Lecture Hall 5, Woodward Instructional Resources Centre.
1:00 p.m. FACULTY ASSOCIATION INFORMATION Meeting concerning outside professional activities. Room 100, Mathematics Building.
2:30 p.m. PHYSICS CONDENSED-MATTER SEMINAR. Jeff Dahn on **Neutron Diffraction Studies on Li_xTiS₂**. Room 318, Hennings Building.
3:00 p.m. METALLURGICAL ENGINEERING SEMINAR. Dr. F.W. Wiffen, Research Staff member, Metals and Ceramics Division, Oak Ridge National Laboratory, Tennessee, on **Materials Problems and Alloy Development for Fusion Power Reactors**. Room 308, Forward Metallurgy Building.
3:30 p.m. MATHEMATICS COLLOQUIUM. Dr. Neal Koblit, University of Washington, Seattle, on **Analogues of Classical Analytic Constructions in p-adic Arithmetic**. Room 100, Mathematics Building.
PSYCHOLOGY COLLOQUIUM. Dr. Paul Mussen, University of California, Berkeley, on **Personality-Development and Political Attitudes**. Room 201, Scarfe Building.
4:00 p.m. PHYSICS COLLOQUIUM. Eugene Wigner, Princeton University, on **Symmetry in Nature**. Room 201, Hennings Building.
7:00 p.m. SUBFILMS presents **Midnight Express** in the Auditorium, Student Union Building. Admission with AMS card, \$1. Repeated Friday and Saturday at 7:00 p.m. and 9:30 p.m. and Sunday at 7:00 p.m.
7:30 p.m. HINDI LANGUAGE EVENING in the Coffeeplace, International House.
8:00 p.m. YOUNG ALUMNI CLUB presents an evening of relaxing live music. Full facilities. Final year and graduate students may join. Continues until 12 midnight at Cecil Green Park. Information at 228-3313.

FRIDAY, NOV. 16

9:00 a.m. PEDIATRIC GRAND ROUNDS. Dr. William Black, director, Provincial Health Laboratories, on **New Enteric Pathogens and Syndromes**. Lecture Hall B, Heather Pavilion, Vancouver General Hospital.
11:30 a.m. DEVELOPMENTAL MEDICINE SEMINAR. M.J. Taylor, Nutrition, UBC, on **The Effect of a Maternal Lysine Deficiency in Rats on Tissue Carnitine Levels**. Room 15, 811 W. 10th Ave.
12:30 p.m. KOERNER LECTURE. Father John Meyendorff, St. Vladimir's Orthodox Theological Seminary, New York, N.Y., on **Basil Messalianism and Byzantine Christianity**. Room 104, Buchanan Building.
1:00 p.m. GENETICS SEMINAR. Drs. S.L. Yong, P.M. MacLeod, B. McGillivray and house staff with **Clinical Case Presentations**. Conference room, fourth floor, Health Centre for Children, Vancouver General Hospital.
ADULT BASIC EDUCATION SEMINAR. Dan Henslowe, training consultant, Institutional Training Division, Canada Employment and Immigration Commission, on **The Federal Government's Role in ABE and Manpower Training**. Adult Education Research Centre, 5760 Toronto Rd.
2:30 p.m. GEOPHYSICS AND ASTRONOMY SEMINAR. D.W. Oldenburg, Geophysics and Astronomy, UBC, on **Geological Inferences from Ocean Bottom Magnetotelluric Measurements in the Pacific Ocean**. Room 330A, Geological Sciences Centre.
3:30 p.m. LINGUISTICS COLLOQUIUM. Patricia Shaw, Linguistics, UBC, on **Opacation of Morphology by Phonology in Dakota**. Room 2225, Buchanan Building.
8:00 p.m. UBC COLLEGIUM MUSICUM with John Sawyer and John Chappell, co-directors. Recital Hall, Music Building.
AN EVENING OF OPERA. UBC Opera Workshop, directed by French Tickner, performs **Music of Barber, Mozart, Menotti, Verdi and Floyd**. Old Auditorium.
8:30 p.m. BASKETBALL. UBC Thunderbirds vs. the University of Saskatchewan. War Memorial Gymnasium.

SATURDAY, NOV. 17

10:00 a.m. SLAVONIC AREA STUDIES SEMINAR on Intellectuals and Politics in Eastern Europe. Lyman Legters, Social Theory, University of Washington, on **The Denial of Politics. Post WW II Eastern Europe**; and Leonard Cohen, Political Science, SFU, on **Yugoslav Intellectuals Today**. Music Room, Faculty Club.
2:00 p.m. SLAVONIC AREA STUDIES SEMINAR continues with James Satterwhite, Social Theory, University of Washington, on **Karel Kosik and the Prague Spring**; and Janos M. Bak, History, UBC, on **In memoriam Istvan Bibo, 1911-1979**. Music Room, Faculty Club.
2:30 p.m. RUGBY. UBC Thunderbirds vs. Trojens. Thunderbird Stadium.
8:00 p.m. AN EVENING OF OPERA. UBC Opera Workshop, directed by French Tickner, performs **Music of Barber, Mozart, Menotti, Verdi and Floyd**. Old Auditorium.
REFUGEE BENEFIT EVENING sponsored by the Acadia Park Tenants' Association. For details, call 228-5021.
8:30 p.m. BASKETBALL. UBC Thunderbirds vs. the University of Saskatchewan. War Memorial Gymnasium.

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