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President Kenny asks UCBC for $7 million

Any connection between this photo and today's main story is purely coincidental; destruction of University buildings is not President Kenny's solution to the financial crisis. In fact, this is the 56-year-old "semi-permanent" structure at the corner of West Mall and University Boulevard, home until recently of the department of Mining and Mineral Process Engineering, now located in the Frank Forward building for metallurgy. Old building was bulldozed earlier this month.

UBC's president, Dr. Douglas Kenny, has asked the Universities Council of B.C. for an additional $7,236,450 to meet the shortfall in its annual operating budget resulting from the 18 per cent faculty salary arbitration award handed down last month.

The president's request for the additional funds is likely to be discussed (Wednesday) when UBC's Board of Governors holds its annual meeting with UCBC for preliminary discussions of operating estimates for the 1982-83 fiscal year, which begins next April 1.

President Kenny will also make a statement on UBC's current financial situation to the Senate, UBC's academic parliament, when that body holds its first regular meeting of the 1981-82 academic year tonight.

President Kenny said he had been authorized to make the request to UCBC for additional funds at a special meeting of the Board of Governors on Thursday (Sept. 10).

He said the $7,236,450 was the amount required on an annualized basis to meet the shortfall in UBC operating funds and to "enable the University to maintain the integrity and excellence of its existing programs."

President Kenny said he had been "shocked and surprised" by the 18 per cent salary award to faculty by Duncan lawyer Richard Bird because it ignored the University's ability to pay.

"UBC this year received an 11.83 per cent increase in its general-purposes operating grant," the president said, "and accordingly our salary offer of 12 per cent for continuing members of the faculty bargaining unit represented the limit of the University's ability to pay salary increases in 1981-82."

He added that the arbitration award "will effect the quality of education at UBC, impair our ability to serve the province and may lead to restrictions in student enrolment."

Shortly after the arbitration award was handed down, the president imposed stringent new regulations designed to meet payroll and other expenditures until March 31, 1982, when the University's current fiscal year ends.

The short-term measures include a freeze on the hiring of all academic

Please turn to page 2
See RETRENCHMENT

"Walking Campus" to be enforced

The University is taking steps to make sure that the "walking campus" concept is preserved.

Section 9 of the revised Traffic and Parking Regulations (a copy of which is issued with every parking decal) reads as follows:

"The 'walking campus' concept is intended to keep vehicle traffic in the academic area of campus to a minimum. For this reason all holders of University parking decals or permits and visitors shall enter the campus through the gate closest to their intended parking lot. The academic campus is a pedestrian area and with the exception of service and emergency vehicles, vehicular traffic is prohibited."

All access routes to the pedestrian area are clearly marked with signs reading: "Pedestrian area. Emergency and delivery vehicles only beyond this point."

Al Hutchinson, director of Traffic and Security, said that under Section 13(1) of the Traffic Regulations, patrol persons now have the right to issue warning tickets or traffic offence notices to drivers using roads in the pedestrian area.

Mr. Hutchinson said warning tickets would be issued initially, but noted that warnings are recorded. A second warning for a similar offence becomes a traffic offence notice and carries a $5 penalty.

Woodblock prints at Centre

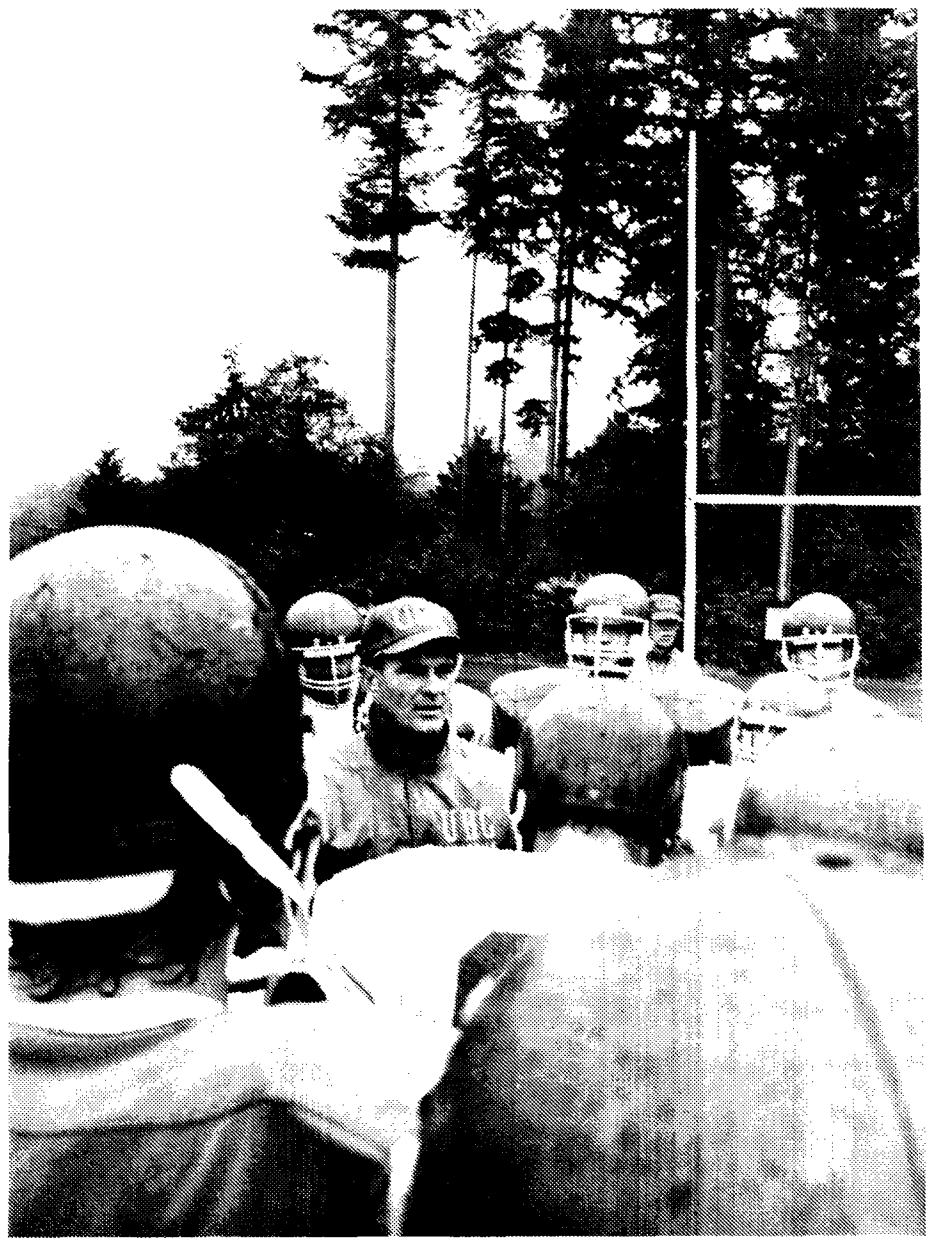
The new Asian Centre, which opened in June on campus, is presenting its first Asian art exhibition until Sept. 20.

The showing of 90 Japanese woodblock prints by artist Toyohara Kunichika marks the first one-man exhibit by a Japanese woodblock artist ever held in Vancouver.

Kunichika, a late 19th-century artist, was one of the last of the old-style purists among Japanese printmakers. Many of his prints were inspired by the Japanese performing arts such as the Kabuki and the Noh, and he is best known for his prints of great Japanese actors in their favorite roles. Kunichika's works are distinguished by a vividness of color and boldness of design.

The exhibition is being sponsored by UBC's Institute of Asian Research, the Consulate-General of Japan and the Canadian Society for Asian Art. Funding for the event was also provided by the Leon and Thea Koerner Foundation.

The exhibit is open from 2 to 5 p.m., seven days a week. Admission is free.



Football coach Frank Smith explains to his rookie-laden crop of Thunderbirds just what they'll have to do if they hope to play in the Western Intercollegiate Football League final on Nov. 14. And they must have listened. Although they lost their opener in Saskatoon, the Thunderbirds came back last Friday at home to upset the defending Canadian champion Golden Bears from the University of Alberta, 15-10. This week, 7:30 Friday night at Thunderbird Stadium, UBC hosts the University of Manitoba.

All to feel retrenchment, Kenny emphasizes

Continued from page 1

and support staff at the University unless approval is given by UBC's academic vice-president, Prof. Michael Shaw.

No new equipment may be purchased by faculties and departments from funds designated for the purchase of supplies and the payment of expenses, and no renovation expenditures will be permitted without approval. However, these restrictions do not apply to expenditures from capital funds designated by government for equipment acquisition or for renovations.

President Kenny also announced steps aimed at coping with the long-range implications of the arbitration award. Prof. Shaw will chair an Advisory Committee on Budget Retrenchment which will report to the president in December.

The committee, the president said, will consider all possible approaches to UBC's financial problem, and the nature and location of retrenchments that may be necessary.

The president emphasized that no one constituency within the University will be expected to shoulder the burden of financial retrenchment. "The short- and long-term measures are bound to affect every aspect of our operation and to be felt by everyone — faculty, staff and students alike," he said.

The arbitration award to faculty included a 14.2 per cent increase to match Vancouver's cost of living increase, plus 3.8 per cent that the arbitrator termed a 'catch-up' increase. He said UBC faculty salaries had not kept pace with other professional salaries in the Vancouver area.

Meanwhile, members of Local 116 of the Canadian Union of Public Employees (CUPE) vote tonight on a contract that provides for a 15-per-cent across-the-board increase retroactive to April 1, plus an additional 13-per-cent increase next April 1. The union executive recommends acceptance.

A similar two-year agreement has been signed between the University and the campus local of the International Union of Operating Engineers. The engineers get an across-the-board increase this year of $1.85 an hour, followed by another 13 per cent next April 1.

The University's agreement with the Association of University and College Employees (AUCE) does not expire until next April 1. AUCE last year agreed to a two-year contract that provided for an increase this year of 9.5 per cent, but has asked for a wages review in view of other settlements this year. Discussions are continuing.

Salaries of non-union administrative and professional staff also are under review.

Rachel Giese dead at 76

Dr. Rachel Giese, who inaugurated the teaching of Italian shortly after joining the UBC faculty in 1956, died on Aug. 31 at the age of 76.

Dr. Giese was a member of the UBC faculty for 14 years until her retirement in 1970, when the title of Associate Professor Emerita was conferred on her by the UBC Senate.

In addition to her teaching and research duties at UBC, Dr. Giese was active in promoting Italian studies in Vancouver. In 1960, she founded the Vancouver chapter of the Dante Alighieri Society, an organization devoted to the preservation and diffusion of Italian culture abroad.

Born in Madison, Wisconsin, Dr. Giese attended the University of Wisconsin where she was awarded the degrees of Master of Arts in 1929 and Doctor of Philosophy in 1932. She served with the Women's Army Corp of the U.S. Army during the Second World War.

She joined the UBC faculty in 1956 as a sessional lecturer and received a permanent appointment as an assistant professor in the Department of Romance Studies in the Faculty of Arts in 1958.

From 1966, she was a member of the Department of Hispanic and Italian Studies, when the teaching of Spanish and Italian was separated from the Romance studies department. She was widely known as an expert on the Renaissance scholar and humanist Desiderius Erasmus.

Dr. Giese is survived by a brother and a sister, both residents of Switzerland.

Friends and colleagues of Dr. Giese who wish to honor her memory are asked to make contributions to an existing UBC fund which provides an annual scholarship in her name. Contributions should be sent to the UBC Awards Office. Cheques should be made payable to the University of B.C. and donors should indicate that contributions are for the Rachel Giese Scholarship Fund.

Botanical Garden, Hortline unite on telephone service

UBC's two major plant and garden advisory services will amalgamate on Oct. 5.

The UBC Botanical Garden and the Department of Plant Science will unite to man the popular "Hortline," the name used by plant science for its service.

The unification "promises to offer the general public a high-quality, unbiased garden information service," Botanical Garden educational co-ordinator David Tarrant said.

The unified Hortline will retain its telephone number — 228-5858 — and will operate from 1 to 4 p.m. Monday through Thursday. Information calls will be handled only during these hours and the system of leaving messages on tape will no longer be used.

During the hours when the Hortline isn't operating, callers will hear a gardening tip that will be changed every week. Topics include lawn care, overwintering of perrenial plants, composting, care of Christmas trees and plants, fruit-tree spraying and the repotting of house plants.

Callers who want a transcript of the tips can obtain them by writing to the Botanical Garden or the Department of Plant Science.

In addition to the two UBC units, the Hortline service has the sponsorship of the B.C. Nursery Trades Association and the B.C. Ministry of Agriculture.

McGill honors UBC professor

A Visiting Professorship has been established in honor of Prof. J.H. Quastel of UBC.

The professorship is at McGill University where Prof. Quastel worked before coming to UBC, and was established by one of his former graduate students.

Nobel Prize winner Julius Axelrod is the first scientist to receive the professorship.

Prof. Quastel, of the Division of Neurological Sciences in UBC's Department of Psychiatry, is a seminal figure in brain research. He is regarded by biochemists as a founder of neurochemistry, one of the handful of scientists who made the first and therefore probably the hardest discoveries in brain chemistry.

Before his pioneering work, most scientists were simply overwhelmed by the complexities involved in sorting out the biochemical mechanisms of the brain.

War Memorial Gym was crawling with people last week, but it's a little early to know how many of them were basketball fans. The occasion was registration week, and it was the busiest one ever for the University. More than 21,000 students are enrolled now and the total for the winter session is expected to be a record 25,000-plus before the end of the month.

Record 25,000 students expected

Full implementation this year of UBC's stiffer entrance requirements hasn't kept students away.

Enrolment topped 21,000 early this week, and the Registrar's Office expects total winter session enrolment to exceed 25,000 students for the first time. Last year's total was 24,886.

The new entrance requirements were approved by the UBC Senate in 1977 and have been phased in gradually. To enter UBC this year, students from B.C. secondary schools required Grade 11 French, or a foreign language to the Grade 11 level.

Entering students also must have attained a C-plus average or better and must have taken English 11 and 12, Social Studies 11, Mathematics (Algebra) 11, a science 11, plus four more arts and science courses of which three had to be Grade 12.

First-year enrolment is expected to be up by as many as 200 students, despite the more stringent requirements.

Preliminary enrolment total is released Sept. 30; the official total for government statistical purposes is the count as of Dec. 1.

Housing continues to be a problem for UBC students. All 3400 single residence places are filled, as are the 393 units available to married students.

Residence Administrator Mary Flores said there still are 3,000 students on the waiting list for residence space, although she said many of them likely have found accommodation off campus.

She said anybody with a suite or bedroom to rent could list it at no charge with Student Housing at UBC by calling 228-2176 or 228-5825.

Average price students pay in residence at UBC for full room and board for eight months is $2338. In the Gage residence where students have cooking privileges but buy their own food, the cost for a furnished room is $1352 for the term.

Peggy looked for needle

Miss Margaret "Peggy" Willis, a 23-year employee of UBC, retired on Aug. 31, after what she describes as a "fascinating and interesting career" as a senior buyer in the University's purchasing department over the past 14 years.

Miss Willis, who describes herself as the buyer of "101 thousand miscellaneous items" for campus consumption, was responsible for purchasing in the following areas: reproduction, surveying, engineering, office supplies, reprints, publications, advertisements, field trips, animal feed and horticultural supplies.

She says that many of the things she's been asked to find have involved months of searching and were like looking for the proverbial needle in a haystack.

A peculiar piece of tubing seen by one faculty member at a conference turned out to be a sausage skin and another faculty member once asked her to find a deep-freeze unit large enough to store half a whale. It took Miss Willis two years to locate a special type of file box with a spring clip for holding papers flat; it turned out they were available through Her Majesty's Stationery office in England.

Miss Willis came to Canada from England in 1957 and joined UBC the following year as a stenographer to Dean Sperrin Chant, then dean of the Faculty of Arts and Science. She joined the purchasing department as a clerk in 1964 and in 1967 was reclassified as a buyer. She was promoted to the post of senior buyer in 1972.

Other recent retirements are those of Thomas A. Moir as a senior patrolman in the Traffic and Security Department after 17 years of employment at UBC; and Alvin R. Garnett as a carpenter in the Department of Physical Plant, a UBC employee since 1977.

Hospital needs volunteers

Volunteers are needed to support the team approach to health care in the three units of the Health Sciences Centre hospital on campus.

The hospital consists of a 240-bed acute care unit, a 60-bed psychiatric unit and a 300-bed extended care unit.

Health care in the Health Sciences Centre is based on interdisciplinary team work, and volunteers from the University and surrounding community are an integral part of the therapy program, says Mrs. Sherry Kendall, director of volunteers.

"This is an excellent opportunity for faculty, students, staff or those living near the hospital who wish to help," Mrs. Kendall said. "We have an exciting approach to health care and I'm sure that many people would like to be a part of it."

Workshops and training sessions will be available to volunteers. Among volunteer programs are exercise, gardening, gift shop, library, crafts, music and one-on-one sessions with patients.

Anyone interested should phone Mrs. Kendall at 228-7384.

Institute opens with talk on Japan

Prof. Ronald Dore, one of Britain's foremost experts on Japan, will be the leadoff speaker when the Vancouver Institute opens its 65th annual series of free public lectures at the University of B.C. on Sept. 26.

Prof. Dore, who speaks on "The Inner Mechanism of Japan Inc.," will be the first of ten speakers on the pre-Christmas roster of Saturday-night lectures, all of which take place in Lecture Hall 2 of the Woodward Building on the UBC campus at 8:15 p.m.

Other speakers in the fall lecture series include: Dr. Alexandre Minkowski, a noted French scientist and expert on early human development, who speaks on Oct. 3; Prof. Freeman Dyson of the Institute for Advanced Study in Princeton, N.J., who speaks on "Life in the Universe" on Oct. 17; Dr. Conor Cruise O'Brien, consulting editor of the British newspaper The Observer, who speaks on "The Press and the World," on Oct. 24; and Prof. John Crispo of the University of Toronto, who speaks on industrial relations in Canada on Nov.14.

The fall series ends on Nov. 28 with a lecture entitled "Canada's Economy: Prospect and Policy," by Prof. Thomas K. Shoyama of the School of Public Administration at the University of Victoria.

A brochure detailing the speakers and topics in the institute's fall lecture series is available from UBC's Department of Information Services, 228-3131.

Here's a complete listing of the institute's fall series.

Sept. 26 — Prof. Ronald Dore, University of Sussex, England, on "The Inner Mechanism of Japan Inc."

Oct. 3 — Dr. Alexandre Minkowski, Centre for Biological Research on Fetal and Neonatal Development, Paris, on "Practical Medicine and the Third World."

Oct. 10 — Prof. French Tickner, UBC Department of Music, on "The Opera: An Exotick and Irrational Entertainment."

Oct. 17 — Prof. Freeman Dyson, Institute for Advanced Study, Princeton, N.J., on "Life in the Universe."

Oct. 24 — Dr. Conor Cruise O'Brien, consulting editor, The Observer, London, on "The Press and the World."

Oct. 31 — Prof. Marketa Goetz-Stankiewicz, head of the Department of Germanic Studies, UBC, on "The Czech Theatre."

Nov. 7 — Dr. Martin Hoffman, UBC Faculty of Medicine, on "Understanding Diabetes: What Everyone Should Know."

Nov. 14 — Prof. John B. Crispo, University of Toronto, on "Industrial Relations: Mandate for Canada."

Nov. 21 — Prof. Czeslaw Milosz, Polish Nobel Laureate of the University of California at Berkeley, who will read selections from his own poems in English.

Nov. 28 — Prof. Thomas Shoyama, University of Victoria, on "Canada's Economy: Prospect and Policy."

Research stressed by new dean of Education

"Co-operation" and "communication" are two words that surface frequently in a conversation with Prof. Daniel Birch, UBC's new dean of Education, who took up his post on July 1.

The affable, soft-spoken, 43-year-old dean emphasizes both words in discussing the enhancement of the research climate in the Faculty of Education, which he says is his number one priority as head of UBC's teacher-training unit.

"Right now," he says, "there is a variety of interesting things going on in this faculty in terms of research. In fact, research and development activities are receiving external support to the extent of $2 million annually.

"But most are individual efforts and more attention has to be given to developing research programs than involve a number of faculty members with complimentary skills and graduate students co-operating in joint efforts."

He says it's important to foster a co-operative approach "because most of the big questions in education are too extensive to yield to individual efforts. If a group works within a common framework, the potential for adding to knowledge and insight, refining practice and improving policy is much greater."

And because research has implications for educational practice at one level or another, communication of research results is perhaps more important than in other areas, Dean Birch says.

"And I don't mean communication within the University community only," he adds. "It's equally important that research results and their implications be communicated to the teacher working in the schools."

In the realm of teacher training, Dean Birch believes in so-called "co-operative programs," a term used to describe academic programs which involve periods of community work to supplement on-campus study.

Student teachers, he says, can profit from "broader life experience." One way to provide it is to alternate periods of study at UBC with periods of experience in social service agencies or in the rapidly emerging world of technology based on electronics.

The aim of such a program, he says, would be two-fold: to prepare teachers capable of transmitting our increasingly cosmopolitan heritage as well as inventing new ways of challenging high school students.

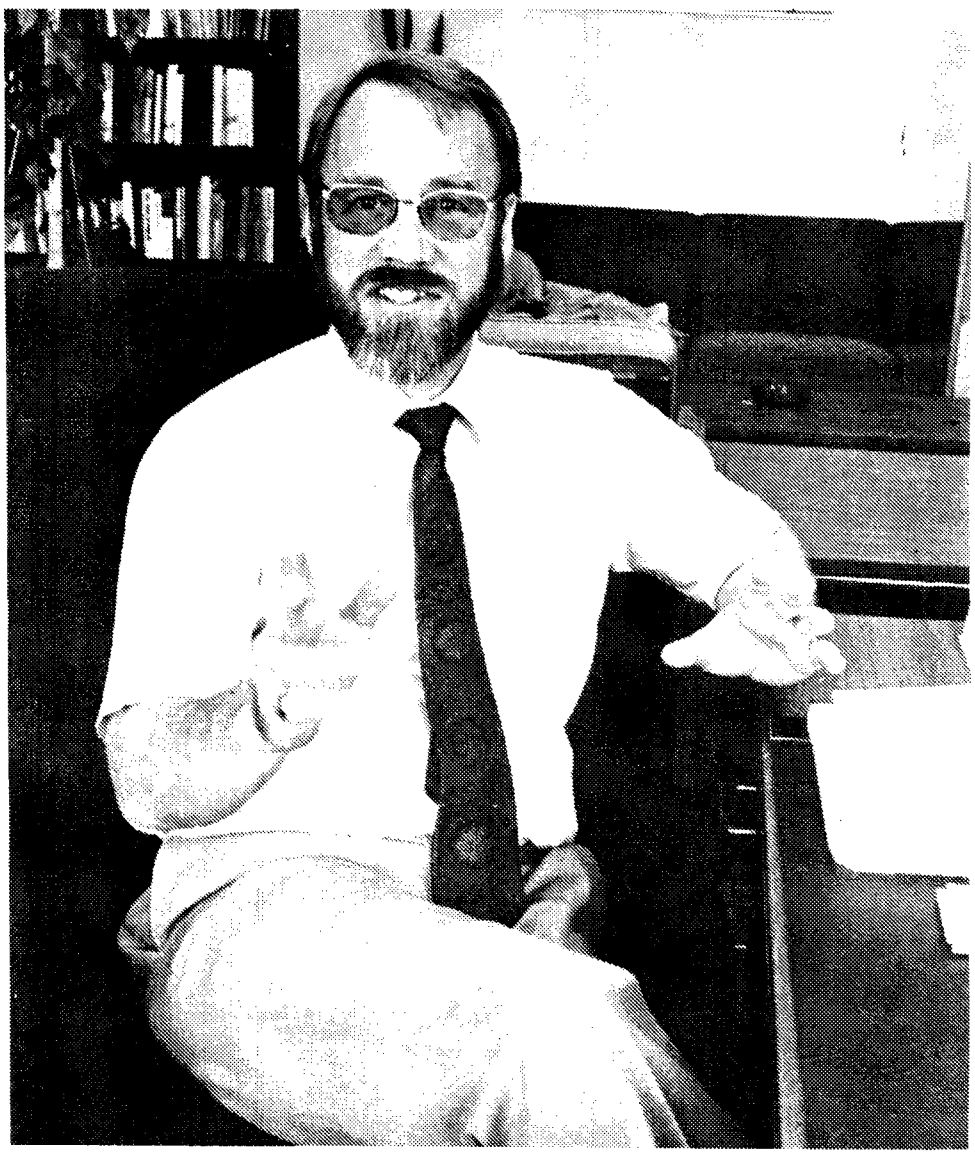
"I hope co-operative programs will be something that will enter into planning in the faculty over the next few years," he says.

Dean Birch's approach also implies co-operation within the University.

"I would like to see the student teacher able to interface with the computer," he says, "and that involves a role for the Department of Computer Science. Management and policy development are important in planning, in business administration, in sports and recreation administration as well as school administration.

"I'd like to see closer relationships between our faculty and these other fields, especially the Faculty of Commerce."

Dean Birch also feels the Faculty of Science should be concerned about scientific literacy "not just for those who will teach science at the secondary school level, but also for the elementary school teacher who will encounter youngsters enamoured of Star Wars and computer games.



Daniel Birch

"So I would like to see the Faculty of Science making a more direct contribution to the education of elementary teachers, but to have that faculty say, 'Send them over for the courses that exist for training high school science teachers or science majors,' is clearly an inadequate approach to the need.

"Teacher preparation is the responsibility of the entire University; there is no substitute for a sound liberal education."

Dean Birch says his second priority as head of the education faculty is to "reconceptualize the role of the school and the school district in teacher education," an aim which also implies both co-operation and communication.

"With the best will in the world," he says, "we tend to separate our courses in teacher education programs from actual practice in the schools. If I had to choose one way or another, I would say a teacher education program ought to take place entirely in the schools."

This concept, he adds, implies a very different role for the professor of education. He or she would help students to "analyse their perceptions of educational practice and problems to form more adequate concepts about teaching and learning. Such a role would be more challenging than many current tasks, especially if we take seriously the demands of clinical supervision."

Dean Birch says the alternative programs in teacher training now offered by the UBC faculty reflect the emphasis on putting teacher training directly into the schools. "They are among our most interesting activities as a faculty," he says.

Dean Birch isn't planning to launch any special studies or investigations in pursuit of this goal, however. "To some extent," he says, "faculties of education have studied themselves to death. I believe the goals of substantial curriculum revision and the improvement of mechanisms for planning and program development can be accomplished internally."

Turning to the question of the so-called "surplus" of teachers in B.C., Dean Birch says the stories which have caused a decline in Faculty of Education enrolments in recent years "are not based on reality."

He points out that the total output of the three education faculties from B.C. universities has seldom been 55 per cent of the positions available, which means that the province still has to import teachers each year to meet demand.

There are still a good many openings for teachers, he adds, provided they're willing to go where the jobs are and provided they're flexible in terms of their teaching field, because there are more graduates in social studies and English than there are openings in the school system.

At the same time, Dean Birch says that although the quality of education students is higher than many realize, there is room for educational faculties to be even more selective.

"I would hope over time," he says, "that we will be more selective and I know that policies have been set in train in this faculty and in the University to do just that."

He says his personal bias is that "we ought to be sending people off to easier professions like medicine and law, because I don't believe there is any profession that demands more of an individual intellectually or in terms of skill than being a really effective teacher."

Certainly, he doesn't believe that being selective will result in an enrolment decline.

"In my experience, rigorous selection enhances the attractiveness of a program and teacher education is no exception."

Dean Birch joins UBC after an academic, teaching and administrative career that began in the late 1950s in the Fraser Valley community of Maple Ridge, where he was a teacher, counsellor, social studies head and vice-principal of a secondary school.

In the late 1960s, he joined the faculty at Simon Fraser University as assistant professor of education. In 1971 he was named dean of the SFU education faculty and from 1975 was that university's associate vice-president, academic, and professor of education.

He holds the degrees of Bachelor of Arts in classics and Master of Arts in history from UBC. He was awarded the degree of Doctor of Philosophy by the University of California at Berkeley in 1969 in the field of history and social science teaching.

His recent research interests have lain primarily in the field of higher education, specifically on the impact of collective bargaining, particularly as it relates to teaching assistants.

A long-standing interest has been the development of teaching materials for schools on cultural realms of the world with SFU colleagues and in association with his wife, Arlene, who "retired" recently after a 21-year teaching career. The Birches have one daughter, Carol, who has enrolled at the University of Victoria this fall with the aim of studying law.

Many of the teaching materials developed by Dean Birch deal with Asia, which reflects the fact that he spent the first eight years of his life in China as the son of missionary parents.

Dean Birch was born in Ganges, B.C., while his parents were on furlough, but two older brothers and two younger sisters were born in China.

Dean Birch says his first responsibility at UBC will necessarily be to "get to know the faculty thoroughly, but I have let those who teach in my areas of interest know that I would like to give the occasional guest seminar," adding with emphasis, "I do want to establish and maintain contact with students."

Asian Centre, Discovery Park highlights of the summer scene

For those of you who were away from the campus this summer, here's a brief outline of some of the activities that took place at UBC:

The Asian Centre was officially opened on June 5 with more than 400 guests attending. Premier William Bennett and His Imperial Highness Prince Norihito of Mikasa, nephew of the Emperor of Japan, took part in the ribbon-cutting ceremony which opened the centre.

The Asian Centre, located just off West Mall, adjacent to the Nitobe Garden, houses UBC's Department of Asian Studies, the Institute of Asian Research and the Asian Studies Library. There is also space in the centre for the Asian interests of UBC's Departments of Music, Theatre and Fine Arts.

The four-storey building is easily identified by its roof, which is based on traditional Japanese rural design and topped with a symbolic pagoda-style skylight.

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Discovery Park UBC became a fact in June when the University signed a lease with the Discovery Foundation that establishes a 56-acre research park at the southeast corner of the campus. President Douglas Kenny said that "central to the lease is a set of development criteria designed to ensure that Discovery Park is developed and occupied in a manner consistent with the University's goals for research, as well as those of British Columbia and Canada."

Dr. Kenny said the agreement calls for tenants to emphasize the development of advanced technology related to the expertise of UBC faculty members. Other important objectives include contributing to Canadian technological developments, particularly with respect to B.C.; the enhancement of educational programs for students, particularly at the graduate level; and the fostering of collaborative research among government, industry and the University.

Discovery Park UBC is bounded by 16th Avenue on the north, the TRIUMF cyclotron project to the south, Wesbrook Mall on the west and the University Endowment Lands on the east. The area is totally UBC property.

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Prof. Jacob Biely, an internationally known poultry scientist whose association with UBC as student, teacher and researcher spanned 50 years, died on June 3 at the age of 78.

Prof. Biely was awarded the honorary degree of Doctor of Science by UBC in 1970, two years after he retired from fulltime teaching and research duties as head of the Department of Poultry Science in the Faculty of Agricultural Sciences.

Prof. Biely's name is attached to UBC's top research prize, awarded annually to a UBC faculty member. This year's winner of the prize is Prof. V.J. Modi of UBC's mechanical engineering department. Prof. Modi is internationally known for his work to ensure that earth satellites remain precisely oriented in space.

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UBC has been designated a 'Centre of Excellence' by the federal government for research into micro-electronics, and will receive up to $1 million over the next five years from the ministry of industry, trade and commerce. Senator Ray Perrault, who made the announcement June 26, said UBC was chosen "because of its proven capability in the industrial application of micro-electronics and its accessibility to the industries that will make use of its services."

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Dr. James O. Caswell, an expert on the history of Chinese art, was appointed head of the Department of Fine Arts at UBC. A UBC faculty member for 10 years, Dr. Caswell has been acting head of the department since 1979 following the resignation of Prof. George Knox, who has remained at UBC.

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UBC's Board of Governors approved the appointment of Prof. C.A. McDowell as University Professor from July 1, 1981, in recognition of his distinguished contributions to the field of chemical sciences and to the University.

As University Professor, Prof. McDowell will devote himself to scholarly work and research in association with graduate students and postdoctoral fellows and visiting scientists.

UBC biochemist Michael Smith has won the Boehringer Mannheim Canada Prize of the Canadian Biochemical Society, a new research award to be made annually. Prof. Smith's laboratory is known for pioneering work in perfecting a method of extracting genes from a living cell which is now used by some firms to try to clone the much-praised drug interferon. He has also developed a method to modify genes precisely in a strand of DNA. Prior to his work biochemists altered DNA strands in a completely random way and then hoped they would be able to change the genes they wanted.

Hospital Administrator earns top fellowship

The administrator of the University of B.C.'s Health Sciences Centre Hospital, Mr. Robert E. McDermit, has become a Fellow of the American College of Hospital Administrators during convocation ceremonies in Philadelphia.

Of the 110 who received Fellowships at the ceremony, only three were from Canada.

The Fellowship is the highest achievement in health care administration in North America. The status is conferred on senior hospital administrators who have passed thesis and other requirements.

The College is a Chicago-based North American professional society of more than 15,000 chief executive officers and their administrative staffs managing hospitals and other health service facilities.

Mr. McDermit joined the hospital at UBC Aug. 1 this year from the B.C. Ministry of Health where he was senior assistant deputy minister, professional and institutional services.

He has written numerous articles in professional journals on hospital administration and modern management methods, served as consultant to a number of hospital and health organizations, and lectured in the College of Commerce at the University of Saskatchewan and in the Faculty of Commerce and Business Administration at the University of Regina.

Before joining the B.C. Ministry of Health in 1979, he was responsible for planning and administering all health services in the Northwest Territories.

Robert McDermit

GRANT DEADLINES

OCTOBER 10

- National Defence, Canada: Military and Strategic Studies Program.
- Shastri Indo-Canadian Institute: research, study and language training in India.
- SSHRC: UBC Travel Grant.

OCTOBER 15

- Alberta Forest Service Forest Development Research Fund Grant.
- Arthritis Society Associateships and Assistantships.
- Arthritis Society Fellowships.
- Arthritis Society Research Grants.
- Canada Council Translation Grant.
- Canada Council I.W. Killam Memorial Prize.
- Canada Council Killam Research Fellowship.
- Fitness and Amateur Sport: Fitness Canada Grants.
- Kidney Foundation of Canada Research Grant.
- NSERC: Travel Grants.
- NSERC: International Relations Division Exchange: France, Brazil, Czechoslovakia, Japan, Bulgaria.
- NSERC: International Relations Division: International Collaborative Research Grant.
- NSERC: International Relations Division: International Scientific Exchange Awards.
- SSHRC: Research Grants Division.
- SSHRC: Strategic Grants Division Population Aging Research Grant.
- SSHRC: Strategic Grants Division Population Aging Research Centres.
- SSHRC: Strategic Grants Division Population Research Workshops.

OCTOBER 25

- Peterhouse Cambridge Research Fellowships.

OCTOBER 30

- Canada Mortgage & Housing Corporation Research Grants Type A (to $2,500).
- International Development Research Centre Education Research Awards Program.

OCTOBER 31

- AUCC: International Scholarships Post-Doctoral.
- Cdn. Commonwealth Scholarship/Fellowships Comm. Research Fellowships.
- Cdn. Commonwealth Scholarship/Fellowships Comm. Visiting Fellowships.
- Pepperdine University: The John and Alice Tyler Ecology Award.
- Secretary of State: Canadian Ethnic Studies Program: Professorships.
- Secretary of State: Canadian Ethnic Studies: Research.
- University of Tasmania: University Research Award.
- World Wildlife Fund (Canada) Arctic Grants.

Sloan award to Goresky

Dr. R. Mark Goresky, an assistant professor in the Department of Mathematics, is the only Canadian university teacher to be named in a list of 89 outstanding young researchers selected as recipients of prestigious Alfred P. Sloan Foundation fellowships in 1981.

The Sloan Fellowships are two-year awards valued at $20,000 each and are made to researchers working on problems at the frontiers of physics, chemistry, mathematics, neuroscience and economics.

The fellowships are seen as a means of stimulating fundamental research by young scholars at a time in their careers when government and other support is difficult to obtain.

Dr. Goresky, a member of the UBC faculty for the past three years, said he was working in a highly theoretical field of mathematics related to algebraic geometry and algebraic topology. He foresees future applications for his work in engineering and physics.

In the first year of his award, Dr. Goresky plans to visit Northeastern University in Boston, Mass., where a group is working in the same field of research.

Dr. Goresky is a UBC graduate who received the degree of Bachelor of Science in mathematics and physics in 1971. He went to Brown University in Rhode Island for graduate study and received his Doctor of Philosophy degree there in 1976.

He taught at Massachusetts Institute of Technology for two years before joining the UBC faculty.

Indian politics new study area for Tennant

University professors are sometimes thought of as men and women who spend a lifetime studying a single subject.

The truth is that the research interests of most university teachers may change direction several times during their careers, making them, in a sense, students over and over again.

One member of the UBC political science department who's experienced just such a change of direction recently is Dr. Paul Tennant, who gained a reputation in the 1970s as an expert in the field of civic politics.

His change of direction came in 1979 when, at the invitation of a federal government task force that was involved in a study of future constitutional development in the Northwest Territories, he prepared a brief overview of Native Indian organization in B.C.

Since then, months of travel on his own academic research and hundreds of hours of discussions with Native Indian leaders have made Dr. Tennant an expert on Native Indian politics in B.C.

The material he's collected is being integrated into his classroom teaching at UBC and will serve as the basis for a book entitled *Native Organizations in British Columbia*, which will concentrate on describing political developments of the last decade.

When Dr. Tennant began his work on Native Indian politics, his first "instructors" were a group of Native Indians studying at UBC, chiefly Ardyth Cooper from Sooke on Vancouver Island.

"I learned an immense amount from the students and came to realize that Native Indians are truly an important part of B.C. and Canadian politics," Dr. Tennant said, adding that he's been impressed with the "innovative nature" of much Indian political activity.

One of the major barriers which has faced B.C. Indians in undertaking political action over the years has been ethnic diversity, Dr. Tennant said. "There are 32 different Indian languages spoken in B.C. compared to only 12 in Ontario, and there are profound cultural and economic differences between Indians living in the Interior of the province and those living on the coast."

Indian political action began in earnest at the beginning of this century, he said, when the Nishga land committee took their land claims to Britain, an action which surprised and embarressed the federal government in Ottawa.

"That action," he said, "led to the formation of the organization known as the Allied Indian Tribes of B.C., which in 1926 was able to press the federal government into establishing a committee to investigate the claims of Native Indians in B.C., a significant political achievement for those days."

And, Dr. Tennant adds, the Native Brotherhood of B.C., formed in 1931, has the distinction of being the longest-lived native organization in Canada. "It has played a key role in a number of developments related to political action," he said.

Canadian governments, Dr. Tennant said, have always more or less subscribed to the "melting-pot" philosophy which assumed that Indians would gradually be absorbed into the mainstream of Canadian life, an idea that was implicit in the 1969 White Paper of the federal government, which suggested, among other things, that reservations and Indian status be done away with as legal entities.

"To almost everyone's amazement," said Prof. Tennant, "the Native Indians rejected the White Paper proposals. Shortly after that, the federal government, to its credit, began funding Native Indian organizations to enable them to work out new ways of fitting into the larger political system."

Another pivotal event for B.C. Indians was the 1973 decision of the Supreme Court of Canada on the Nishga Indian land claim. "Technically, the Nishga lost their case before the court," said Dr. Tennant, "but it was a split decision with three judges upholding the Indian claim.

"The effect of the split decision was a reversal on the part of the federal government. Ottawa agreed to negotiate the land claim, an action that was a great spiritual boost to B.C. Indians. Those negotiations have been going on fitfully and are complicated by the fact that the B.C. government is also involved since much of the contested land is provincial Crown land. But these events have given the Indians new hope for the future."

Today, Prof. Tennant said, Native Indians in B.C. are closer to unity than ever before because they've largely succeeded in separating purely local issues from provincewide issues. Since 1969, Indians have been developing local tribal councils based on language or, as in the Nicola Valley Indian Administration, creating new forms of local government.

These local groups, he said, are now handling such major issues as economic development, cultural revival and land claims. The groups meet from time to time in provincewide forums with representatives from specialized provincial organizations to exchange ideas and advise governments.

In researching Native Indian politics, Dr. Tennant has become a familiar figure to most Indian leaders in B.C. He says he hasn't encountered any serious resistance to the project, since he's taken great pains to explain fully to each group exactly what he's doing and why. His path has also been smoothed by former UBC students, he says.

"Occasionally," he said, "I've been subjected to a formal grilling lasting up to three hours about my motives. One of these sessions resulted in a written contract with a group that agreed to provide information once it was clear that I would use it only for academic purposes.

"The contract specifies that I will show them in advance everything I intend to publish that is based on their information."

This condition is no burden as far as Dr. Tennant is concerned, because he says it's "sound academic practice" to allow an information source to see a manuscript in advance of publication in any case.

"So my first draft of the opening chapter of the book on Native Indian politics has been examined by each of the Native Indians who gave me information.

"There are some inconsistencies in what I've been told and some conflicts of interpretation, which I have to deal with. But no one will be able to say that I didn't deal with material given to me or didn't take seriously what the source thought was important."

Like most research in the humanities and social sciences, Dr. Tennant's work has been carried out at low cost. "All I've needed is a few hundred dollars to enable me to travel throughout the province to talk to people," he said. "Much of the work done in this field is simply that of a single, curious individual pursuing an idea or a goal."

UBC animal care technician honored

Jan van den Broek, supervisor of animal laboratories for the Faculty of Medicine's Department of Surgery at the Vancouver General Hospital, is the recipient of one of the highest awards of the Canadian Association for Laboratory Animal Science (CALAS).

He received the Purina Technician of the Year Award at the 20th annual CALAS meeting in Montreal recently as the most outstanding laboratory animal care technician in the field of laboratory animal science in Canada.

The award, made by the Ralston Purina Co. of Canada, consists of a trophy in the form of a clock and a prize of $300.

Just two weeks prior to the June meeting of CALAS in Montreal, Mr. van den Broek attended meetings of the European Federation of Animal Science Associations in Dusseldorf, Germany, where he was recognized for his contribution to the development of training programs for animal care technicians in South Africa, Spain and Mexico by the International Council for Laboratory Animal Science (ICLAS).

Mr. van den Broek will serve as co-chairman with Dick Johl, who heads the Animal Care Facility at Simon Fraser University, of an international symposium on laboratory animal science to be held in Vancouver in the summer of 1983.

More than 600 delegates from all over the world are expected to attend the symposium on "The Contribution of Laboratory Animal Science to the Welfare of Man and Animals: Past, Present and Future." The meetings will be sponsored by CALAS and ICLAS.

Mr. van den Broek, who has been involved in animal care at UBC for 21 years, is a member of the board of directors on CALAS and the Washington State branch of the American Association for Laboratory Animal Science.

At the June meetings in Montreal where Mr. van den Broek was honored, UBC's co-ordinator of animal care, Dr. John Gregg, was elected to a three-year term on the CALAS board of directors. At the same meetings, Diane Minshall of UBC's Animal Care Unit received her Master Experimental Surgical Animal Technician certificate from CALAS.

Jan van den Broek

UBC alumnus featured in new biography

"A policy biography" is how Jack Granatstein, a York University history professor, describes his recently published biography on senior civil servant and UBC alumnus, Norman A. Robertson.

"*A Man of Influence* is more policy and less man," explained Prof. Granatstein, who has been teaching at York University for the past 15 years. He is the author of several books on Canadian history and politics.

At the request of the Department of External Affairs in Ottawa, Prof. Granatstein postponed his plans to write a book on 20 or so of Canada's most influential civil servants, to focus on a biography of Robertson, who, according to Prof. Granatstein, was at the centre of power longer than any other Canadian public servant. The book explores aspects of Robertson's life and political career, from his early years until his death in 1968.

Robertson, a Rhodes scholar who attended UBC, Oxford University and Brookings Graduate School (now Brookings Institute) in Washington, D.C., had a career with the Canadian government that included two terms as Under-Secretary of State for External Affairs and two terms as High Commissioner in London.

He also served as Clerk of the Privy Council and was Canada's Ambassador to Washington, as well as being an adviser on policy and strategy to five prime ministers — Bennett, King, St. Laurent, Diefenbaker and Pearson.

"Robertson's family asked that I keep his private life private," said Prof. Granatstein. "That's why the book focuses mainly on his role as a public servant. And since memos and minutes of meetings from files in the Department of External Affairs are the source of a lot of the information in the book, Robertson the civil servant is bound to come across stronger than Robertson the man."

Robertson was born in Vancouver and attended King Edward High School. His father, Lemuel Robertson, was educated at McGill University and came to the West Coast to teach high school.

After teaching classics for three years at Vancouver College, an institution with both secondary school and university departments, Lemuel Robertson returned to McGill University, taking up the offer of a one-year lectureship.

It was there that he inspired the principal of McGill to establish a McGill College beyond the Rockies, using the university's resources.

He became the first registrar of the McGill University College of British Columbia (later to be known as the University of B.C.), and assumed teaching duties in classics at the new institution.

"Lemuel Robertson was well-known by the students," said Prof. Granatstein. "He was something of an 'absent-minded professor' — a campus character."

Norman Robertson entered the University in 1919. It was still situated in the area of Vancouver bounded by 10th and 12th avenues and Laurel and Heather streets. The thousand or so students attending the University at this time waged a continuing campaign to move the institution to the Point Grey campus.

The first chapter in Prof. Granatstein's book deals with Robertson's years at UBC.

"About three years ago I came to UBC and spent a week doing research in the UBC archives," said Prof. Granatstein. "I was really impressed with the amount of material kept in the archives. I found papers that Robertson had written, articles written about him in *The Ubyssey*, and a great deal of information about his activities at the University."

Prof. Granatstein also interviewed people who knew Robertson during his UBC years, including UBC's current Chancellor, J.V. Clyne.

"Robertson was very active at the University," said Prof. Granatstein. "He seemed to be interested in a lot of different areas. During his years at UBC he was involved in the Men's Literary Society, the Student Parliament, the Letters Club, the Historical Society, the Classics Club, the Economics Discussion Club, the Social Science Club, the Student Council, the Literary and Scientific Department and the Student Socialist Society."

During his years as a civil servant, Robertson preferred to keep out of the public eye as much as possible. "What made him so valuable to the government officials he advised was his quiet strength," said Prof. Granatstein. "Very few civil servants were ever sought after for advice as much as Robertson was.

"He was the type of public servant whose name most people don't even recognize, yet he shaped a lot of decisions that had a great effect on the lives of these same people."

Robertson played a key role in Canada's wartime policy on Japanese Canadians, the Gouzenko spy case and the Bomarc missile crisis. He was also involved with the League of Nations, and the founding of the United Nations and of NATO.

"He never sought personal power," said Prof. Granatstein. "All he wanted was to shape the flow of events, and he did this exceptionally.

In the final chapter of the book, Prof. Granatstein describes Robertson as "the greatest mandarin of them all, a man who served his country and Canadians well."

A Man of Influence is available in hardcover for $24.95.

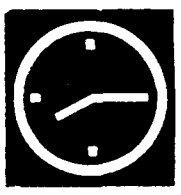
Botanical Garden staffers, left to right, Bodil Leamy, Margaret Coxon and Elaine Le Marquand will be on hand to provide advice on plant selection and care during the annual sale of house plants sponsored by the Friends of the UBC Botanical Garden. Sale begins today (Sept. 16) at 12 noon and continues until 5 p.m. Sale hours on Thursday and Friday are 12 noon to 3 p.m. Sale headquarters is Botanical Garden Office and Education Centre, 6501 Northwest Marine Drive.

UBC CALENDAR

UBC Calendar Deadlines

For events in the weeks of Oct. 4 and Oct. 11, material must be submitted not later than 4 p.m. on Sept. 24.
Send notices to Information Services, 6328 Memorial Rd. (Old Administration Building). For further information, call 228-3131.

The Vancouver Institute



Saturday, Sept. 26
The Inner Mechanism of Japan Inc. Prof. Ronald Dore, University of Sussex, England.

Saturday, Oct. 3
Practical Medicine and the Developing World. Dr. Alexandre Minkowski, Port Royal Hospital, Paris.

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

MONDAY, SEPT. 21

Cancer Research Seminar.

Normal Tissue Damage in the Legs of Mice Following Hypothermia and/or Irradiation. Rick P. Harding, Radiology and Radiation Biology, Colorado State University. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 12:00 noon.

French Lecture.

Classicism and Extravagance. Prof. Peter France, University of Edinburgh. Room 100, Buchanan Building. 12:30 p.m.

Time Management Workshop.

The Women Students' Office begins a three-week workshop on Time Management for Women. Group size is limited. Pre-registration necessary at the Women Students' Office in Room 203 of Brock Hall. For more information, call 228-2415. Room 106A, Brock Hall. 1:30 p.m.

Pathology Seminar.

New Images for Diagnostic Radiology: Positron Emission Temography and Nuclear Magnetic Resonance Imaging. Question: Resolution and Limitations? Dr. Murray Eden, chief, Biomedical Engineering and Instrumentation Branch, National Institutes of Health, Bethesda, Md. Lecture Hall 6, Woodward Library. 4:15 p.m.

Biophysics Seminar.

Kinetic Theory of Biological Morphogenesis. Dr. Lionel G. Harrison, Chemistry, UBC. Room 201, Hennings Building. 4:30 p.m.

TUESDAY, SEPT. 22

Committee on Lectures.

The Hungarian Revolution 1956: A Quarter Century Later. Prof. Bela K. Kiraly, director, Program for the Study of Society in Change, City University of New York. Room 100, Buchanan Building. 12:30 p.m.

International House.

Film Series '81. Today's films are *Bill Reid, The Ballad of Crowfoot* and *What the Hell's Going On Up There?*. Room 400, International House. 12:30 p.m.

Cecil and Ida Green Lecture.

Harmony and Democracy in Industrial Relations. Prof. Ronald Dore. Auditorium, Asian Centre. 12:30 p.m.

Committee on Lectures Seminar.

War and Society in Eastern Europe. Prof. Bela K. Kiraly, director, Program for the Study of Society in Change, City University of New York. Room 304, Brock Hall, 3:30 p.m.

Chemistry Seminar.

Recent Advances in Radioisotope Dating. Dr. D.E. Nelson, Archeology, SFU. Room 250, Chemistry Building. 4:30 p.m.

Biochemical Discussion Group/Zoology Seminar.

Mutator Genes and Insertional Elements: A Source of Genetic Variation in Wild Populations of Drosophila. Dr. M.M. Green, Genetics, University of California. Room 2000, Biological Sciences Building. 4:30 p.m.

International House.

Film Series '81. Tonight's films are *Bill Reid, The Ballad of Crowfoot* and *What the Hell's Going On Up There?*. Room 400, International House. 7:30 p.m.

WEDNESDAY, SEPT. 23

Wednesday Noon-Hour Concert.

The Baroque Viola. Hans-Karl Piltz, viola; Doreen Oke, harpsichord; and John Sawyer, viola de gamba. Recital Hall, Music Building. 12:30 p.m.

French Lecture.

Mythe et Modernite dans La *Phedre* de Racine. Prof. Peter France, University of Edinburgh. Penthouse, Buchanan Building. 12:30 p.m.

Continued on page 8

UBC Calendar

continued from page 7

Women Students' Office.
The Brown Bag Lunch Group. Weekly informal discussions focusing on topics of interest to mature women students. Returning women students invited to join. Room 223, Brock Hall. 12:30 p.m.

International House.
Fete du Vin. Sample the produce of world-famous French vineyards. This is to be the start of French Conversation evenings, to be held every Wednesday. Gate 4, International House. 7:00 p.m.

International House Folk Dancing.
Open to students, faculty, staff and community. Yearly fee is $10; $5 for students. For more information, call Marcia Snider at 224-0226 or Richard Spratley at 228-6674. Upper Lounge, International House. 7:30 p.m.

Frederic Wood Theatre.
Opening night of Harold Pinter's *The Caretaker*. Continues until Saturday, Oct. 3 (except Sunday). For tickets or information, call 228-2678. 8:00 p.m.

Organ Recital.
Gerre Hancock, organist. Co-sponsored with the Royal Canadian College of Organists. Tickets are $5; $4 for students and seniors. Recital Hall, Music Building. 8:30 p.m.

THURSDAY, SEPT. 24

Cecil and Ida Green Lecture.
The Cultural Factor in International Relations. Prof. Ronald Dore. Auditorium, Asian Centre. 12:30 p.m.

Computing Centre Open House.
A self-guided tour through the machine room of the Computing Centre can be taken, starting from Room 100 of the Computer Sciences Building. 12:30 - 4:00 p.m.

Chemical and Mechanical Engineering Seminar.
The Flixborough Disaster. Sir Frederick Warner, FRS. Room 1202, Chemical and Mechanical Engineering Building. 1:30 p.m.

Condensed Matter Seminar.
Attenuation of Second Sound in ^{4}He near the Superfluid Transition. Dr. Michael Crooks, Physics, UBC. Room 318, Hennings Building. 2:30 p.m.

French Discussion.
Aspects de la Critique Contemporaine. Prof. Peter France, University of Edinburgh. Penthouse, Buchanan Building. 3:30 p.m.

Physics Colloquium.
The Voyager Project. Torrence V. Johnson, California Institute of Technology, Calif. Room 201, Hennings Building. 4:00 p.m.

SUB Films.
The Stunt Man. Continues until Sunday, Sept. 27. Shows are at 7:00 p.m. on Thursday and Sunday and 7:00 and 9:30 p.m. on Friday and Saturday. Admission is $1.50. Auditorium, Student Union Building. 7:00 p.m.

FRIDAY, SEPT. 25

Medical Genetics Seminar.
XO/XY Gonadal Dysgenesis. Dr. B. McGillivray and B. Leighton. Fourth Floor Conference Room, Health Centre for Children, VGH. 1:00 p.m.

Faculty Club Dinner and Dance.
International Dinner and Dance featuring Mexican food. Buffet dinner at 7:00 p.m., dancing from 9:00 p.m. to midnight. Cost is $16.35 per person. Reservations required. 7:00 p.m.

AMS Concert.
The Blues Band with Paul Jones, Tom McGuinnes and Hugh Flint of Manfred Mann. No minors. Ballroom, Student Union Building. 8:00 p.m.

SATURDAY, SEPT. 26

Thunderbird Soccer.
UBC meets the University of Saskatchewan. Wolfson Field. 2:00 p.m.

MONDAY, SEPT. 28

Cancer Research Seminar.
A New Approach For the Evaluation of the Association Between Herpes Simplex Virus and Human Cervical Cancer. Dr. Jose Campione-Piccardo, Environmental Carcinogenesis Unit, BCCRC. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 12:00 noon.

Zoology "Physiology Group" Seminar.
LHRH Past, Present and Future. Dr. S.M. McCann, Physiology, University of Texas Medical Center, Dallas. Room 2449, Biological Sciences Building. 4:30 p.m.

Leon and Thea Koerner Lecture.
Architecture as a Medium of Public Relations in the Time of Alexander the Great and his Successors. Prof. Homer Thompson, Institute for Advanced Study, Princeton. Museum of Anthropology, 8:00 p.m.

Immunology Seminar.
Immunology of Coagulation. Prof. Cecil Hougie, Medicine, University of Southern California, LaJolla. Salons B and C, Faculty Club. 8:00 p.m.

TUESDAY, SEPT. 29

Leon and Thea Koerner Lecture.
Sokrates in the Agora. Prof. Homer Thompson, Institute for Advanced Study, Princeton. Room 102, Lasserre Building. 12:30 p.m.

International House.
Film Series '81. Today's films are *Folk Songs and Dances* and *Phillipine History*. Room 400, International House, 12:30 p.m.

Assertive Training Group.
The Women Students' Office begins a 5-week workshop to help women to become more assertive. Pre-registration required in Room 203, Brock Hall. For information, call 228-2415. Room 106A. Brock Hall. 1:30 p.m.

Dal Grauer Memorial Lecture.
Human Rights and Security at the Madrid Conference. Prof. H. Gordon Skilling, Political Science, University of Toronto. Penthouse, Buchanan Building. 3:30 p.m.

Chemistry Seminar.
Frustration and Elation in Natural Products Synthesis. Dr. Gordon S. Bates, Chemistry, UBC. Room 250, Chemistry Building. 4:30 p.m.

International House.
Film Series' 81. Tonight's films are *Folk Songs and Dances* and *Phillipine History*. Room 400, International House. 7:30 p.m.

WEDNESDAY, SEPT. 30

Women Students' Office.
The Women Students' Office begins a six-week workshop on Self-Management of Test Anxiety. Group size limited. Pre-registration necessary at the Women Students' Office in Room 203 of Brock Hall. For information, call 228-2415. Room 223, Brock Hall. 10:30 a.m.

Wednesday Noon-Hour Concert.
Music of Bach, Francaix and Villa-Lobos. Camille Churchfield, flute; and Chris Millard, bassoon. Recital Hall, Music Building. 12:30 p.m.

Dal Grauer Memorial Lecture.
Poland and its Repercussions in Eastern Europe. Prof. H. Gordon Skilling, Political Science, University of Toronto. Room 106, Buchanan Building. 12:30 p.m.

International House.
French Conversational Evening. No experience necessary. Gate 4, International House. 7:00 p.m.

International House Folk Dancing.
Open to students, faculty, staff and community. Yearly fee is $10; $5 for students. Upper Lounge, International House. 7:30 p.m.

THURSDAY, OCT. 1

Orchestra Concert.
Music of Bach, Mozart and Ives with the UBC Symphony Orchestra. Recital Hall, Music Building. 12:30 p.m.

Career Planning Workshops.
The Women Students' Office begins two 4-week workshops to examine career priorities, abilities and interests, and relate them to the realities of the employment situation. Resume and interview skills will be taught. Pre-registration by September 24, in Room 203 of Brock Hall. For information, call 228-2415. Room 106A, Brock Hall. 1:30 p.m.

Condensed Matter Seminar.
Observable Electron-Phonon Effects in Metals in High Magnetic Fields. Dr. Allen Wasserman, Oregon State University. Room 318, Hennings Building. 2:30 p.m.

Physics Colloquium.
Optical Echoes. Prof. Sven R. Hartmann, Physics, Columbia University, New York. Room 201, Hennings Building. 4:00 p.m.

SUB Films.
Time after Time. Admission is $1.50. Auditorium, Student Union Building. 7:00 p.m.

FRIDAY, OCT. 2

Medical Genetics Seminar.
Genetic Aspects of Tumor Formation – Melanoma Formation in Xiphphorine Fish as a Model. Dr. J. Vielkind, Environmental Carcinogenesis Unit, B.C. Cancer Research Centre. Fourth Floor Conference Room, Health Centre for Children, VGH. 1:00 p.m.

Career Planning Workshops.
The Women Students' Office begins two 4-week workshops to examine career priorities, abilities and interests, and to relate them to the realities of the employment situation. Resume and interview skills will be taught. Pre-registration by Sept. 24 in Room 203 of Brock Hall. For information, call 228-2415. Room 106A, Brock Hall. 1:30 p.m.

SUB Films.
The Bugs Bunny Road Runner Movie. Admission is $1.50. Auditorium, Student Union Building. 7:00 and 9:30 p.m.

UBC Public Affairs.
Poland: The Continuing Crisis. Prof. Jan Solecki, Slavonic Studies, UBC. Program will be repeated the following Friday at 7:30 p.m. Channel 10, Vancouver Cablevision. 7:30 p.m.

Orchestra Concert.
Music of Bach, Mozart and Ives with the UBC Symphony Orchestra. Recital Hall, Music Building. 8:00 p.m.

SATURDAY, OCT. 3

Sub Films.
Simon and The In-Laws. Auditorium, Student Union Building. 7:00 and 9:30 p.m.

Notices . . .

Today's Theatre
Today's Theatre is registering now for fall workshops in actor's performance and dance-drama for children and adults. All workshops take place at 2845 Acadia Road, UBC campus. For more information, call 228-9803.

Accommodation Needed
The Language Institute, Centre for Continuing Education, is looking for people who live near the campus and are interested in providing room and board for students learning English at UBC. For more information, call 228-2181, local 285.

University Choral Union
The University Choral Union welcomes singers from the campus community. You don't have to take Choral Union for credit to sing in the ensemble, but membership does require attendance at rehearsals on Mondays, Wednesdays and Thursdays from 3:30 to 5:00 p.m. The fall term will result in a production of Brahm's *Requiem* with the UBC Symphony Orchestra. Those interested should contact Prof. Fankhauser at 228-6539 or come to the rehearsal today (Sept. 16) at 3:30 p.m.

Student Internships '81
Senior Arts students are encouraged to participate in a non-paid study-related work experience program in their area of academic interest to develop skills and gain work experience. To apply, drop by Room 213 of Brock Hall, or call 228-3022.

Library Tours
Guided tours of Main and Sedgewick Libraries are being given until Sept. 25, Monday through Friday, at 10:30 a.m. and 12:30 p.m. Tours meet in the Main Library entrance and last about 45 minutes.

Pipers and Drummers
Pipers and drummers among faculty, staff or students at UBC interested in playing with the Thunderbirds Pipe Band on campus are asked to contact Dr. Edward Mornin, at 228-5140. Highland dancers interested in performing on campus are also asked to contact Dr. Mornin.

Language Institute Courses
Non-credit courses in conversational French, Spanish and Japanese are being offered at various levels and times beginning Sept. 22 through December. Noon-hour French sessions have been added to the regular morning, afternoon and evening sessions, and non-credit introductory courses on teaching languages to adults begin Sept. 26. For information on courses or a brochure, call 228-2181, local 227.

Faculty/Staff Exercise Class
Exercise classes for faculty and staff, men and women, will be held Mondays, Wednesdays and Thursdays from 12:30 to 1:05 p.m. in Gym E of the Osborne Centre beginning Sept. 21. Instructor is S.R. Brown. Fee is $30, which includes a membership in Recreation UBC. For more information, call 228-3996.

Indoor Plant Sale
The Friends of the UBC Botanical Garden invite all UBC students to their annual sale of indoor plants. Sale takes place at the Botanical Garden Office and Educational Centre, 6501 N.W. Marine Drive, from 12 to 5 p.m. on Wednesday, Sept. 16; 12 to 3 p.m. on Thursday, Sept. 17; and 12 to 3 p.m. on Friday, Sept. 18.

Graduate Student Centre
An Associate Membership is available in the Thea Koerner Graduate Student Centre, on an individual basis, to full-time monthly paid members of the University staff. The annual membership fee is $25 and can be obtained by direct request to the secretary of Thea Koerner House.

Woodward Library Exhibits
Exhibits currently on display at the Woodward Biomedical Library include the works of the great 16th century anatomist Andreas Vesalius and a display on the history of blood transfusion. In the Sherrington Room, fish carvings and sketches of artist Tommy Brayshaw can be viewed. For more information, call 228-4447.

AMS Whistler Cabin
The Alma Mater Society owns and operates a 55-bed cabin on Whistler Mountain just a few minutes from the gondolas. Individuals and groups from the campus community can rent the cabin year round. For information and reservations, call the AMS booking clerk at 228-3966.

1982 Rhodes Scholarships
Applications for 1982 Rhodes Scholarships are available in the Awards Office, Room 50 of the General Services Administration Building. The deadline for submission of completed applications is Oct. 26, 1981.

Student Counselling
The Student Counselling and Resources Centre has moved from Ponderosa Annex F and is now located on the main floor of Brock Hall.

Frederic Wood Theatre
Frederic Wood Theatre is presenting *The Caretaker* by Harold Pinter. Performances begin Wednesday, Sept. 23 and run through Saturday, Oct. 3 (except Sunday). Admission is $5.50; $3.50 for students. For tickets or information, call 228-2678 or drop by Room 207 of the Frederic Wood Theatre Building.

UBC Reports is published every second Wednesday by Information Services, UBC, 6328 Memorial Road, Vancouver, B.C., V6T 1W5. Telephone 228-3131. Al Hunter, editor. Lorie Chortyk, calendar editor. Jim Banham, contributing editor.

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