

UBC REPORTS



UBC Bookstore employee Motoko Tannasee flips through one of the 16-month UBC calendars now available at the Bookstore. The calendars, which feature color photographs of the campus and a listing of campus events each month, can be purchased for \$6.95.

Gov't grant rolled back

It's still too early to say what effect the \$6.9 million rollback in UBC's 1982-83 general operating grant, announced last week, will have on University operations in the current fiscal year.

Just how difficult the financial position will be can't be determined until the

Federal grant agency meets here Oct. 21

The Social Sciences and Humanities Research Council (SSHRC), a federal granting agency which promotes research and scholarship in the humanities and social sciences, will visit British Columbia universities this month to discuss its programs with faculty, students, and administrative staff.

The 22-member council will hold talks at Royal Road Military College and the University of Victoria Oct. 20, the University of British Columbia Oct. 21, and Simon Fraser University Oct. 22.

A discussion paper, focusing on major program issues facing the council, has been prepared by two council members — Douglas Kenny, president of UBC, and Gerald Kristianson, a public affairs consultant from Victoria.

Open meetings will be held with faculty and students in which council members and staff will respond to questions about SSHRC programs and also learn about the special needs of researchers and universities in British Columbia. The meeting at UBC will be held in Room 106 of the Buchanan Building, starting at 2 p.m. on Oct. 21.

question of salaries and wages for UBC's faculty and employed staff has been settled.

An arbitrated salary award for faculty is currently under consideration by Ed Peck, the commissioner for the provincial Compensation Stabilization Program, and negotiations are continuing with the Association of University and College Employees and the teaching assistants' union.

Instead of receiving \$179.2 million in the 1982-83 fiscal year, UBC will get \$172.3 million. In addition to the general cut of \$6.9 million, UBC's grant for expansion of its medical school was reduced by \$300,000, to \$8.3 million.

Work-study forms must be returned

Students who have been offered work-study by the Awards Office are advised to return their completed application forms as soon as possible.

Close to 900 students were told they met eligibility requirements, but only about 250 have responded.

Byron Hender, director of Awards and Student Aid, said the unfilled jobs can't be held open much longer.

Drivers cautioned

If you drive to UBC via University Boulevard, you are urged to take special care at Acadia Road.

Mrs. Marjorie Allen, who volunteers her services every morning to help 50 school children cross University Boulevard, says the biggest problem is motorists who don't use their lights on foggy mornings.

Although there is a traffic light at the intersection (installed after a child was killed) it is still a hazardous corner, especially when visibility is bad.

Enrolment: 25,000 and still going up

Winter session enrolment at the University of B.C. has topped the 25,000 mark for the first time ever.

Registration figures to Sept. 30 show a daytime and evening total of 25,370 students, an increase of 3.33 per cent over last year's Sept. 30 total of 24,551.

Daytime enrolment stood at 24,419 on Sept. 30, up 3.5 per cent from last September's 23,591.

"There is no doubt that daytime enrolment will approach 25,000 by December," said associate registrar John Piercy.

Official enrolment figures for universities across Canada are compiled on Dec. 1 each year for government statistical purposes. Mr. Piercy said more graduate students would register during October and November.

The undergraduate total to Sept. 30 was 21,929 — 11,230 men and 10,699 women. On Sept. 30 last year there were 10,952 men registered and 10,466 women for a total of 21,418.

Graduate enrolment is also running well ahead of 1981, standing at 3,441 Sept. 30, up from 3,133 a year ago.

Enrolment in the 'core' faculties of Arts and Science is up more than 5 per cent this year. Biggest percentage increase is in the Native Indian Teacher Education Program (NITEP) which this year has 108 students, up 27 per cent from last year's total of 89.

New registrations totalled 6,263 at Sept. 30, down slightly from last year's 6,298. New registrations include students coming from secondary schools, plus all those transferring to UBC from community colleges and other universities.

First-year enrolment is 3,612, up just

three students from last year's Sept. 30 total of 3,609.

Enrolment is also higher this year at the University of Victoria and at Simon Fraser University.



One of four recipients of \$25,000 Canada Council awards is UBC political science professor Allan Cairns, at Harvard University this year on leave of absence. Canada Council said Dr. Cairns "has attained the highest levels of excellence as a teacher and scholar and at the same time 'demythologized' his discipline for the Canadian public."

Dean Larkin stepping down

UBC's dean of Graduate Studies, Peter Larkin, will step down as head of that faculty on June 30 next year. He will continue as professor of animal resource ecology and as UBC's associate vice-president, research.

Dear Larkin, who is known internationally for his research in the areas of fish populations and fisheries management, joined UBC in 1948 and since that time has served in a number of different capacities at the University.

He joined UBC on a joint appointment with the B.C. Game Commission as their first full-time fisheries biologist, and in 1955 was named director of UBC's Institute of Fisheries (which was later incorporated into the Institute of Animal Resource Ecology).

Prof. Larkin left UBC in 1963 to become director of the federal government's Fisheries Research Board of Canada Biological Station in Nanaimo. He rejoined the University three years later as a professor of zoology and was reappointed director of the Institute of Fisheries the

following year.

In 1972 Prof. Larkin was named head of the Department of Zoology, a post he held until 1975 when he became dean of the graduate studies faculty.

He has served as the University's associate vice-president, research, for the past two years.

Prof. Jorgen Dahlie has been named head of the education faculty's Department of Social and Educational Studies. He has been the acting head of the department since 1980.

Prof. Dahlie joined UBC in 1968 in what was then the Department of Educational Foundations. He is an expert in the areas of the history and philosophy of education, ethnic studies, the history of immigration and Canadian studies.

Prof. Dahlie did his undergraduate work in secondary education at UBC and received his Ph.D. from Washington State University. Before joining UBC, he taught at Michigan State University and Washington State University.

Earle MacPhee dead; he was 'conscience of Canadian business'

Dr. Earle Douglas MacPhee, former dean of Commerce and Business Administration at UBC who was dubbed "the conscience of Canadian business," died on Sept. 25 in Vancouver General Hospital at the age of 88.

During a career that bridged the worlds

Seven UBC exhibits at fair

UBC will have seven exhibits at the third annual Discovery Fair at Robson Square Media Centre this month.

Sponsored by the Ministry of Universities, Science and Communication, the science fair aims at showing off research achievements of B.C. universities, research institutes and industry.

Most of the UBC exhibits are interactive visitors will be able to participate in the displays themselves.

Visitors will be able to take home an analysis of acid rain (chemistry department exhibit), have themselves tested for diabetes (School of Nursing), operate an innovative submarine motor (electrical engineering department), and enjoy free food samples from the Food Science display on a new food processing method.

Other UBC displays will cover forest genetics (forest science department), the "light pipe" — an exciting invention from the physics department now being introduced to the market place, and find out the latest from the occupational disease research team in the Faculty of Medicine.

The University will share an exhibit with TRIUMF concerning PET for positron emission tomography — a new method of taking three-dimensional images of the brain while patients are fully alert and conscious.

The fair runs from Oct. 20 to 28 with the official opening at 5 p.m. on Tuesday, Oct. 19.

Toronto author gets UBC medal

Elspeth Cameron, a teacher of Canadian studies at the University of Toronto, has been named the winner of the 1981 medal for Canadian biography awarded annually by the University of B.C.

Ms. Cameron, who graduated from UBC in 1964 with the degree of Bachelor of Arts with honors in English, received the medal for her book *Hugh MacLennan: A Writer's Life*, published by the University of Toronto Press.

Canadian Literature, the UBC-published journal which annually announces the award, describes the book as "a substantial, candid portrait of a living figure, a fact that can often cause a problem for a biographer but does not appear to do so in this case."

The announcement continues: "The mixture of psychology and literary criticism in this finely written work reveals the essence and the fundamentals of the artist; this is a deftly drawn and well-rounded assessment of Hugh MacLennan, a great Canadian writer, by a careful and uncompromising critic."

The announcement notes that the 1981 submissions for the medal "suggest that the field of biographical writing either in Canada or by Canadians seems to be broadening out . . . The books were not so much concerned with Canadian politicians as they have been in past years; rather, the range represented many aspects of Canadian life."

Some of the other volumes cited in the announcement are: Claude Bissell's biography of Vincent Massey; a study of

of business and higher education, Dean MacPhee taught at the Universities of Alberta and Toronto from 1920 until 1929, when he embarked on a 20-year business career in Canada and in England as a management consultant and company director.

He returned to Canada in 1950 to head what was then the Department of Commerce at UBC. He became the first dean of the Faculty of Commerce in 1956. Dean MacPhee was also one of UBC's senior administrators for many years and continued as dean of administrative and financial affairs until 1963 after retiring as commerce dean in 1960.

He was the sole royal commissioner in the late 1950s on B.C.'s tree fruit industry and wrote a report that is still regarded as the "bible" of the industry.

"E.D.," as he was known to his faculty colleagues was an omnipresent figure in UBC's financial affairs and was equally famous for his unvarying style of dress, wing collar and bow tie, dark business suit and homburg hat.

In retirement, Dean MacPhee led a busy life as an author, producing an autobiography entitled *Footsteps*, and several volumes on the MacPhee clan. In November, 1981, he was named commander of the Clan MacFie by the Lord Lyon, the King of Arms of the United Kingdom.

Dean MacPhee is survived by his wife, Jennie, two sons and two daughters.

Frank Keetley, a 13-year employee of the University who was supervisor of operations and maintenance in the physical plant department, died on Sept. 23 at the age of 59.

Mr. Keetley joined the UBC department in 1967 after a career as a maintenance engineer for Atomic Energy of Canada and graduation in mechanical engineering from the University of Saskatchewan. He resigned from his UBC position in 1980.

Mr. Keetley is survived by one son and two daughters.

Wilder Penfield by his grandson, Jefferson Lewis; and Raymond Fraser's study of boxer Yvonne Durrelle, described as "journalism at its best."

'Birds make it five in a row

UBC Thunderbirds meet the University of Manitoba in Winnipeg this Saturday (Oct. 9) and a victory will assure the 'Birds of a first-place finish in the Western Intercollegiate Football League.

The sudden-death playoff for the league championship will be played Nov. 6 at the home field of the first-place team.

The Thunderbirds wiped out the University of Calgary Dinosaurs 45-4 Friday night at Thunderbird Stadium, leaving the 'Birds with a record of five wins and no losses as they head for Winnipeg. Second-place Manitoba has lost only one game — to UBC.

Calgary Dinosaurs went into Friday night's game knowing they were the only team to have scored a touchdown against UBC this season, but it became evident early that history was not about to be repeated. There were no holes in the UBC defence and no flaws in the UBC offence as the 'Birds outplayed Calgary at every position. UBC led 30-1 at half-time.

Next home game at Thunderbird Stadium is Oct. 15, with the defending champion University of Alberta Golden Bears providing the opposition.



Winners of \$7,500 scholarships from B.C.'s Heritage Trust, a provincial-government body, are these three B.C. university students. Shelley Sweeney, left, a student in UBC's archival studies program, got the Willard Ireland Scholarship for the study of B.C. history; Sandra James, right, is enrolled in UBC's School of Community and Regional Planning where she is specializing in heritage planning; and UBC graduate Joanne Curtin (BA'78), a graduate student in anthropology at Simon Fraser University, was the recipient of the Charles E. Borden Scholarship, named for the late UBC scientist who is known as the "father of B.C. archaeology."

Week of celebration marks trek anniversary

Oct. 18 through 23 has been designated Great Trek Week at UBC, to mark the 60th anniversary of the historical 1922 trek that resulted in the construction of the University.

UBC students and alumni have organized a series of events to commemorate the spirit of '22, culminating on Saturday, Oct. 23, with a parade through downtown Vancouver to the University.

"Great Trek '82 is a celebration of all that UBC has accomplished since the original trek," said AMS vice-president Cliff Stewart, who chaired the Great Trek committee. "We want to make people aware of the value of higher education to the province."

The Great Trek of 1922 was organized by UBC students at the overcrowded quarters of the Fairview campus, to increase public awareness about the need for a university at Point Grey. The government had set aside land for UBC at Point Grey in 1911, but construction was halted during World War I, and when the University opened in 1915 classes were held in a group of small buildings on the site where the Vancouver General Hospital stands today.

In 1922 the students brought attention to the situation with a parade through downtown Vancouver to the Point Grey site, later to be named the "Great Trek." They also travelled throughout the province gathering 56,000 signatures on a petition to Victoria. Their efforts resulted in a government announcement the following week of a \$1.5 million grant to build the University.

If you'd like to take part in Great Trek

Week '82, here's the lineup of events:

Monday, Oct. 18 — Wine and cheese gathering (by invitation) in the gallery lounge of the Student Union Building at 7 p.m.

Tuesday, Oct. 19 — '20s film night in the auditorium of the Student Union Building at 7 and 9 p.m.

Wednesday, Oct. 20s — '20 "gin and sin" night in the partyroom of the Student Union Building at 7 p.m.

Thursday, Oct. 21 — Arts '20 relay race, starts at 1 p.m. at Vancouver General Hospital. Old bathing suit competition and funny diving at the UBC Aquatic Centre at 7 p.m.

Friday, Oct. 22 — Founders dinner and dance with the Wildroot Orchestra (winner of the 1982 Great Trek Award will be announced) in the ballroom of the Student Union Building at 6:30 p.m.

Saturday, Oct. 23 — Great Trek parade, leaves at 11 a.m. from the Queen Elizabeth Theatre. Barbecue following the trek at the south plaza of the Student Union Building. Free to all parade participants.

The parade leaves the Queen Elizabeth Theatre at 11 a.m., travelling north on Georgia to Burrard, along Burrard to Comox and then along Comox to Bute, where participants on foot will be transported by bus to the University. The floats and vehicles will continue on to 16th and Blanca.

For more information about Great Trek activities, call 228-3092.

Sopron alumni celebrate 25th anniversary

Antal "Tony" Kozak, associate dean of UBC's Faculty of Forestry, doesn't hesitate for a moment when he's asked if he has any regrets about fleeing from his native Hungary in 1956 during the abortive uprising that was suppressed by the Soviet army.

"I wouldn't hesitate to do it again," he said, "and I know that the vast majority of the others who escaped at the same time have never regretted the decision to come to Canada."

The "others" referred to by Tony Kozak are 200 fellow students and 28 faculty members of Hungary's Forest Engineering University of Sopron, who in the winter of 1956 were languishing in Austria with some 200,000 other Hungarian refugees.

Before the year was out, however, the 200 students and 28 faculty members, as well as some 65 wives and children, were on their way to Canada to become, in the fall of 1957, the Sopron division of the Faculty of Forestry at UBC.

Four years later, a total of 141 of the exiles had earned their forestry degrees and begun to integrate themselves into Canadian society and the forestry profession.

On Saturday (Oct. 9) the Sopron alumni will mark the 25th anniversary of the start of their association with UBC with a homecoming ball in UBC's Graduate Student Centre, which is under the management of one of the Sopron alumni, Edmund Vlaszaty. (For details, see story below).

The word "freedom" crops up frequently whenever a Sopron alumnus talks about the events of 1956 and the ensuing years.

Prof. Kozak says there had been agitation at Sopron for a loosening of government controls prior to the 1956 rebellion. Beginning in 1954, he says, there had been some easing of regulations. In the year prior to the uprising the Sopron students held a number of meetings to formulate requests for the easier importation of scientific literature and travel outside Hungary for study, as well as political freedom generally.

On the whole, however, life in Sopron,

which is 240 kilometres west of Budapest and 10 kilometres from the Austrian border, was tranquil, and there were no marches or street demonstrations.

The uprising which centred on Budapest began on Oct. 23, 1956. In Sopron, over the next day or two, the Sopron students took over various functions associated with running the town in which the university was located. Tony Kozak spent one day monitoring phone calls coming in to the university and the next day left for Budapest in a truck with a load of relief supplies for that beleaguered city.

On Nov. 4, the day he got back to Sopron (he had to hitchhike back because the truck he'd ridden in to Budapest was confiscated), the students learned that Russian tanks were headed in their direction. The students were determined to defend the town with a number of anti-tank guns, which they knew how to operate as the result of compulsory military training.

The students got the guns in place, loaded them up and then discovered that the army, which had made the guns available to them, had removed their firing pins. The students, their position hopeless, decided to flee to Austria.

When Tony Kozak, aged 20, crossed the border into Austria that night ("We told the Austrian border guards that all we wanted was a little freedom and they let us right through") he had with him only the clothes he wore and about \$3 in his pocket.

"It was our assumption," he says, "that the move wasn't permanent. It was hoped the United States would come to Hungary's assistance and that there would be a free election."

But the hopes of the Sopron students, who were gradually brought together in a centre near Salzburg, proved illusory and by Christmas their prospects looked bleak, despite the efforts of Dean Kalman Roller, the head of the Sopron forestry program, who tirelessly wrote to some 20 countries explaining their plight.

In Austria at that time was Jack Pickersgill, then Canada's minister of citizenship and immigration, who took up the cause of the Hungarian students. He

contacted cabinet colleague James Sinclair who, in turn, asked the then president of UBC, Dr. Norman MacKenzie, if the University had room for the refugees.

UBC itself had severe space problems at that time but decided to extend an invitation to the students to migrate as a group. It dispatched the late Dean George Allen, then head of the Faculty of Forestry, and an official of the Powell River Company, one of B.C.'s largest newsprint producers, to Austria to talk to the students.

Tony Kozak says there was mixed reaction to the Canadian offer. "Many argued that going to Canada meant a definite break with our homeland because of the distance," he says, "whereas if we stayed in Europe we would at least be able to get home occasionally."

"Then Dean George Allen appeared and spoke to us about the almost unlimited opportunities for practising forestry in Canada. That, plus the political freedom we knew we'd enjoy there, tipped the balance in favor of going."

The Sopron students and faculty and their wives and children were first housed in a camp at Abbotsford Airport and later moved to a recently vacated construction camp in Powell River, owned by the company of the same name. There they began intensive courses to learn English, which was no easy task for the refugees, whose native tongue bears no resemblance to any major language spoken in Europe.

The Sopron division of the Faculty of Forestry began its academic work on the campus in September, 1957. The decision to allow the division to remain a separate entity unintegrated in the UBC forestry

faculty was, Tony Kozak believes, a good one, chiefly because of the language barrier.

"I could not have passed a single course in our first year here if I had had to use English," Prof. Kozak says. "It took most of us two or three years to get to the point where we could pick up any book and read it with full comprehension."

By 1961, 141 of the Hungarians had received their forestry degrees and the majority are today employed in almost every province of Canada at the technical and professional levels.

Thirty-four of the exiles left the forestry profession after graduation but most of them gained professional status in their chosen field. One of them later graduated from UBC's medical school.

For Tony Kozak, life at UBC was a steady progression from Bachelor of Forestry to Master of Forestry to Doctor of Philosophy. Even before he'd completed his Ph.D. thesis on the application of statistics and the computer to forestry, he was hired by the then Forest Products Laboratory (now Forintek) on Northwest Marine Drive on the western edge of the UBC campus.

In 1965, two years after joining the lab, he accepted an invitation from UBC forestry dean Joseph Gardner to join the faculty as an assistant professor. He still returns to Hungary occasionally as a tourist to visit his mother and other members of his family.

"I'm sure the vast majority of the Sopron alumni feel the decision to come to Canada was a good one," he says. "In Europe we would never have enjoyed as much freedom and opportunity in the forestry industry as we have in Canada."

They'll come from across Canada

The 25th anniversary of the Sopron forestry school's association with UBC will be celebrated in UBC's Graduate Student Centre on Saturday (Oct. 9).

More than 250 people are expected to attend the homecoming ball, which begins with a 6 p.m. reception followed by dinner at 7 p.m. Reminiscences and an evening of dancing will follow.

Graduates of the Sopron division of the Faculty of Forestry and their spouses from

all parts of Canada are planning to attend the celebration.

Special guests at the dinner will be James Sinclair and Jack Pickersgill, former federal cabinet ministers who were instrumental in arranging for the Hungarian refugees to come to Canada; Dr. Norman MacKenzie, who was UBC's president at the time Sopron came to Canada; and Dean Kalman Roller, who was head of the Sopron forestry division.

UBC CALENDAR

Calendar Deadlines

For events in the weeks of Oct. 14 and Oct. 31, material must be submitted not later than 4 p.m. on Oct. 14. Send notices to Information Services, 6328 Memorial Rd. (Old Administration Building). For further information, call 228-3131.

The Vancouver Institute.

Saturday, Oct. 9
Energy: Growing and Engineering Hydrocarbons. Prof. Melvin Calvin, Chemistry, University of California, Berkeley.

Saturday, Oct. 16
Canadian Youth and the Developing World. Jacques Hebert, president, Canada World Youth.

Both lectures take place in Lecture Hall 2 of the Woodward Instructional Resources Centre at 8:15 p.m.

MONDAY, OCT. 11

Thanksgiving Day. University Closed.

TUESDAY, OCT. 12

Cancer Research Seminar.
Gene Products of Murine Leukemia Viruses: Their Effects on Hematopoiesis by Dr. Sandra K. Ruscetti, National Institutes of Health, Bethesda, Md., and The Regulation of Proliferation and Differentiation of Hematopoietic Stem Cells in Long-Term Suspension Cultures by Dr. Frank Ruscetti, National Institutes of Health, Bethesda, Md. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 12 noon.

Science in Society Series.

How Environmental Standards are Set and Enforced. Prof. Robert Franson, Law, UBC. Lecture Hall 3, Woodward Instructional Resources Centre. 12:30 p.m.

Botany Seminar.

Douglas Fir and Post-Glacial Washington Fire History in the Southern Puget Lowland. Dr. Leopold, University of Washington. Room 3219, Biological Sciences Building. 12:30 p.m.

Leon and Thea Koerner Lecture.

The State of the Economy: Implications for Women Students. Wendy Dobson, C.D. Howe Institute. For more information, call 228-2415. Room 205, Buchanan Building. 12:30 p.m.

Architecture Video Show.

Journey to the Gates, an account of impressions of urban life in the old city of Ahmedabad in Gujarat State, India. Prepared by students in the study abroad program of UBC's School of Architecture. Lecture Hall 4, Woodward Instructional Resources Centre. 12:45 p.m.

Chemistry Lecture.

Aspects of Drug Research. Prof. H. Parolis, Rhodes University, South Africa. Room 250, Chemistry Building. 4 p.m.

Cancer Research Seminar.

Studies on the Mechanisms of Resistance of Mice to Friend Murine Leukemia Virus-Induced Erythroleukemia by Dr. Sandra K. Ruscetti, National Institutes of Health; and The Role of T-Cell Growth Factor and Human T-Cell Leukemia Viruses in the Growth of Mature T-Cell Neoplasias by Dr. Frank Ruscetti, National Institutes of Health. Lecture Hall 1, Woodward Instructional Resources Centre. 4 p.m.

Astronomy Seminar.

Transient Spirals and the Heating of Disk Galaxies. Dr. Ray Carlberg, Room 260, Geophysics and Astronomy Building. 4 p.m.

Gerontology Graduate Seminar.

Disease Processes - Age-Related Mental and Physical. Talmadge Hunt, Geriatric Medicine,

UBC. Lecture Hall 3, Woodward Instructional Resources Centre. 7 p.m.

International House Film.

Germany Key to Europe. Admission is free. International House. 8 p.m.

Canadian Medical and Biological Engineering Society Meeting.

Rehabilitation Engineering. Dr. Colin A. McLaurin, Rehab. Engineering Centre, University of Virginia, and Dr. Robert N. Scott, Bioengineering Institute, University of New Brunswick. Salons B and C, Faculty Club. 8 p.m.

WEDNESDAY, OCT. 13

Pharmacology Seminar.

Pharmacological Agents in Studies of the Interrelations Between Cation and Amino Acid Transport Processes in the Brain *in vitro*. Room 114, Block C, Medical Sciences Building. 12 noon.

Noon-Hour Concert.

Music of Beethoven, Wilder and Schumann. Martin Hackleman, horn, and Robert Holliston, piano. Recital Hall, Music Building. 12:30 p.m.

English Lecture.

Trollope: 100 Years After. Prof. N. John Hall, English, City University, New York. Sponsored by the Committee on Lectures. Room 204, Buchanan Building. 12:30 p.m.

Ethnic Studies Lecture.

Prejudice and Discrimination in Winnipeg High Schools. Dr. Leo Driedger, Sociology, University of Manitoba. Room 203, Buchanan Building. 12:30 p.m.

Zoology Lecture.

Cariboo - A Year of Life on the Barren Lands. Dr. George Calef, Yukon Territories. Room 2000, Biological Sciences Building. 12:30 p.m.

Geography Colloquium.

China's Urban Modernization. Dr. Marwyn

Samuels. Room 201, Geography Building. 3:30 p.m.

Statistics Workshop.

Line Transect Sampling. Dr. Richard Routledge, Mathematics, SFU. Room 308, Angus Building. 3:30 p.m.

Geophysics Seminar.

Lateral Inhomogeneities in the Upper Mantle of Alpine Orogenic Belts. Dr. Ewa Gens, Geophysics and Astronomy, UBC. Room 260, Geophysics and Astronomy Building. 4 p.m.

English Colloquium.

Choosing Writing Topics: How Johnny Fails. Nancy Carlman, English, UBC. Penthouse, Buchanan Building. 4 p.m.

Economic Theory Seminar.

Nonparametric Tests for Separability in Consumer Theory. Erwin Diewert. Room 351, Brock Hall. 4 p.m.

Animal Resource Ecology Seminar.

Phenotypic and Genotypic Variation in Physiological and Growth Parameters of *Macoma balthica* from an Arctic Intertidal Community. Dr. Roger Green, Zoology, University of Western Ontario. Room 2449, Biological Sciences Building. 4:30 p.m.

THURSDAY, OCT. 14

Faculty Recital.

Music of Hindemith, Mozart and Shostakovich. Hans-Karl Piltz, viola, and Ailsa Zaenker, piano. Recital Hall, Music Building. 12:30 p.m.

Physical Education and Recreation Lecture.

Sport and Activity for the Disabled Person. Doug Mowat, director, International Year of Disabled Persons, Marshal Smith, administrator, I.Y.D.P. and Rick Hanson, international competitor. Lecture Hall 6, Woodward Instructional Resources Centre. 12:30 p.m.

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THURSDAY, OCT. 14 (Continued)

Educators for Nuclear Disarmament. Alternative International Security Systems. Dr. Hannah Newcombe, president, World Federalists of Canada. Room 200, Computer Science Building. 12:30 to 2:30 p.m.

Pharmaceutical Sciences Lecture. Effects of Thyroid Hormone Pretreatment on Certain Rat Myocardial Characteristics. Lynn Marriott, Pharmaceutical Sciences, UBC. Lecture Hall 3, Woodward Instructional Resources Centre. 12:30 p.m.

Condensed Matter Seminar. Properties of Gallium Arsenide. John Blakemore, Oregon Graduate Center. Room 318, Hennings Building. 2:30 p.m.

SUB Films. *Gallipoli*. Continues until Sunday, Oct. 17. Admission is \$1. Second show is at 9:30 p.m. Auditorium, Student Union Building. 7 p.m.

FRIDAY, OCT. 15

UBC Contemporary Players. Music of Stravinsky. Eugene Wilson and Stephen Chatman, co-directors; with French Tickner, guest narrator, and Carolyn Cole, guest violinist. Recital Hall, Music Building. 12:30 p.m.

Medical Genetics Seminar. Reports from American Society of Human Genetics Meetings and Paediatric Pathology Conference. Medical genetics faculty members. Parentcraft Room, main floor, Grace Hospital. 1 p.m.

Linguistics Colloquium. Focus, Presupposition, Discourse. Dr. Michael Rochemont, Linguistics, UBC. Room 121, Buchanan Building. 3:30 p.m.

Football. UBC vs the University of Alberta. Thunderbird Stadium. 7:30 p.m.

UBC Contemporary Players. Music of Stravinsky. Eugene Wilson and Stephen Chatman, co-directors; with French Tickner, guest narrator, and Carolyn Cole, guest violinist. Recital Hall, Music Building. 8 p.m.

Amnesty UBC Folk Night. A folk night for the Prisoners of Conscience. A.I. Human Rights Information. Admission is \$1.50; \$1 for students and International House members. International House. 8 p.m.

Education Lecture. Can Public Schools Create a Compassionate Society? Jonathan Kozol, teacher and author. Admission is \$5; \$4 for students, and free for those attending the Oct. 16 workshop with Mr. Kozol. For more information, call the Centre for Continuing Education at 228-2181, local 261. Lecture Hall 2, Woodward Instructional Resources Centre. 8 p.m.

Graduate Student Society. Folk Dance. For more information, call 228-3202. Graduate Student Centre. 8:30 p.m.

SATURDAY, OCT. 16

Education Workshop. Teacher and author Jonathan Kozol will lead a lecture-discussion and workshop on the public school system. For more information, call the Centre for Continuing Education, at 228-2181, local 261. Auditorium, Chancellor Building. 9:30 a.m.

SUNDAY, OCT. 17

Scholarship Benefit Concert. Music of Liszt. Robert Silverman, piano. Tickets, \$5; \$3 for students and seniors. For further information, call 228-3113. Recital Hall, Music Building. 8 p.m.

MONDAY, OCT. 18

Pharmaceutical Sciences Lecture. Experimental Approaches to Reyes Syndrome. Dr. Ken Renton, Pharmacology, Dalhousie University. Lecture Hall 3, Woodward Instructional Resources Centre. 12:30 p.m.

History of Medicine Lecture. Womanhood As A Disease. Dr. Esther Fischer-Homberger, History of Medicine, University of Bern. Lecture Hall 1, Woodward Instructional Resources Centre. 12:30 p.m.

Mechanical Engineering Seminar. A Method for the Reduction of Drag on Bluff Bodies. F. Lesage. Room 1215, Civil and Mechanical Engineering Building. 3:30 p.m.

Applied Mathematics Seminar. On Mapping Linear Partial Differential Equations to Constant Coefficient Equations. Prof. George Bluman, Mathematics, UBC. Room 229, Mathematics Building. 3:45 p.m.

Medical Lecture. Interferon as a Therapeutic for Man. Prof. Thomas Merigan, Infectious Diseases, Stanford University Medical Centre. Lecture Hall 2, Woodward Instructional Resources Centre. 4 p.m.

Terry Fox Cancer Seminar.

Transforming Genes from Human Tumor Cells. Dr. M. Wigler, Cold Spring Harbor Laboratory, New York. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 4 p.m.

Biochemistry Colloquium.

Genetic and Evolutionary Considerations Among Corynebacteria and Its Relationship to Diphtheria. Dr. Neal Groman, Microbiology, University of Washington. Lecture Hall 6, Woodward Instructional Resources Centre. 4 p.m.

Economic Theory Seminar.

Nonparametric Techniques in Economics. Hal Varian. Room 351, Brock Hall. 4 p.m.

Zoology "Physiology Group" Seminar.

The Backbone: Function in the Body Axis. Dr. Steve Wainwright, Zoology, Duke University, North Carolina. Room 2449, Biological Sciences Building. 4:30 p.m.

TUESDAY, OCT. 19

Botany Lecture. Systematics and Evolution of North American *Coreopsis* (Compositae). Dr. D.J. Crawford, Botany, Ohio State University. Room 3219, Biological Sciences Building. 12:30 p.m.

Practical Writing Lecture. Developing a Writing Style that Gets Results. Donald Townson, Comino Ltd. Room 200, Computer Science Building. 12:30 p.m.

Forestry Seminar. Research in Wood Engineering. Dr. Ricardo Foschi, Forintek. Room 166, MacMillan Building. 12:30 p.m.

Oceanography Seminar. Observations on the North East Pacific Seamounts. Dr. R. Chase, Oceanography and Geology, UBC. Room 1465, Biological Sciences Building. 3 p.m.

Terry Fox Cancer Seminar. How Does the Extracellular Matrix Direct Gene Expression? Dr. Mina J. Bissell, University of California, Berkeley. Lecture Hall 1, Woodward Instructional Resources Centre. 4 p.m.

Chemistry Lecture. Electrochemistry of Metal Sulphides. Prof. E. Peters, Metallurgy, UBC. Room 250, Chemistry Building. 4 p.m.

Gerontology Graduate Seminar. Physical and Psychological Factors in Rehabilitation and Care. Ginny Fearing, Rehabilitation Medicine, UBC. Lecture Hall 3, Woodward Instructional Resources Centre. 7 p.m.

International House Films. *Iceland - Westmanna Island and Focus of Finland - Architecture in Finland.* Admission is free. International House. 8 p.m.

WEDNESDAY, OCT. 20

Pharmacology Seminar. Excitation-Contraction Coupling in Smooth Muscle. Dr. David Saint, Pharmacology, UBC. Room 114, Block C, Medical Sciences Building. 12 noon.

Noon-Hour Concert. Music of Schubert, Bizet, Dvorak, Verdi, R. Strauss and West Indian Folk Songs. Eileen Brodie, mezzo-soprano, and Harold Brown, piano. Recital Hall, Music Building. 12:30 p.m.

History Lecture. Fact and Fiction in the Sagas. Prof. Jonas Kristjansson, Icelandic Literature and director, Manuscript Institute of Iceland, University of Iceland. Sponsored by the Committee on Lectures. Room 204, Buchanan Building. 12:30 p.m.

Pharmaceutical Sciences Lecture. Interferon Mediated Depression of Drug Biotransformation. Dr. Ken Renton, Pharmacology, Dalhousie University. Lecture Hall 3, Woodward Instructional Resources Centre. 12:30 p.m.

Ethnic Studies Lecture.

Language and Ethnicity in Canadian Society. Dr. Philip M. Smith, Psychology, UBC. Room 203, Buchanan Building. 12:30 p.m.

Statistics Workshop.

Ridge Estimation in Regression Problems with Autocorrelated Errors. Dr. Martin Puterman and Barbara Gosling, Commerce, UBC. Room 308, Angus Building. 3:30 p.m.

Geography Colloquium.

Paleohydrology and the Multiple-Process Nature of Alpine Ephemeral Streams in Southwestern Alberta. Joe Desloges. Room 201, Geography Building. 3:30 p.m.

Animal Resource Ecology Seminar. Homage to Alfred E. Neumann, or 'Why Are There So Many Kinds of Uncertainty?' Dr. Don Ludwig, Animal Research Ecology, UBC. Room 2449, Biological Sciences Building. 4:30 p.m.

THURSDAY, OCT. 21

Urban Land Economics Lecture. Technician's Model of Housing Prices. Prof. Dennis Capozza, Urban Land Economics, UBC. Room 319, Angus Building. 11:30 a.m.

UBC Symphony Orchestra. Music of Stravinsky, Mozart and Prokofiev. Douglas Talney, director, and Joanne Opgenorth, violin soloist. Recital Hall, Music Building. 12:30 p.m.

Physical Education and Recreation Lecture.

Exercise Stress, Fitness Evaluation and Training of Wheelchair Users; and Microprocessor Control of Paralyzed Muscle. Prof. Roger Glaser, Physiology, Wright State University School of Medicine, Ohio. Lecture Hall 6, Woodward Instructional Resources Centre. 12:30 p.m.

Educators for Nuclear Disarmament. Changing People's Minds - Sorting Out the Ethical Issues. George Hermanson, campus minister. Room 200, Computer Science Building. 12:30 p.m.

Women Shaping the City. Panel discussion sponsored by the Women Students' Office. Five women who shape Vancouver's politics, environment, culture and education discuss their careers. For more information, call 228-2415. Room 302, Brock Hall. 12:30 p.m.

Essay Skills Workshop. Nancy Horsman of the Women Students' Office will give three one-hour workshops to help students increase their skills in preparation of essays. They will be held three Thursdays beginning Oct. 21. For more information, call 228-2415. Room 303, Brock Hall. 12:30 p.m.

Condensed Matter Seminar. Kinetics of Bound Multi-Exciton Formation. Brian Sullivan, UBC. Room 318, Hennings Building. 2:30 p.m.

Graduate Student Society. Looking over the Fence: Technology vs. Humanities. For more information, call 228-3202. Graduate Student Centre. 7 p.m.

FRIDAY, OCT. 22

Medical Genetics Seminar. Epidermolysis Bullosa: Thoughts Regarding Current Therapies. Dr. M. Johnston. Parentcraft Room, main floor, Grace Hospital. 1 p.m.

Linguistics Colloquium. Beginnings of Duality of Patterning in Language. Prof. Edwin Pulleyblank, Asian Studies, UBC. Room 121, Buchanan Building. 3:30 p.m.

Cryptozoological Lecture. From the Congo to the Cordillera: Clues in the Search for the Mokele-Mbembe and the Sasquatch. Dr. Roy Mackal, University of Chicago, and Dr. Grover Krantz, Washington State University. Lecture Hall 1, Woodward Instructional Resources Centre. 7:30 p.m.

UBC Symphony Orchestra. Music of Stravinsky, Mozart and Prokofiev. Douglas Talney, director, and Joanne Opgenorth, violin soloist. Recital Hall, Music Building. 8 p.m.

SATURDAY, OCT. 23

Football. UBC vs the University of Saskatchewan. Thunderbird Stadium. 2 p.m.

Notices . . .

Language Study
Do you speak Hindi? If you have a baby 10 to 12 months old, and Hindi or other Indian languages are spoken at home, researchers in UBC's psychology department would appreciate your help in a speech and language study. For information, please call Dr. Richard Tees at 228-2874 or Kathy Seary at 228-6789.

Agriculture
Mixed curling league, Tuesdays from 5 to 7 p.m. beginning Oct. 12 in the Thunderbird Winter Sports Arena. Beginners and experienced curlers welcome. For information, call Jim Sheldford at 228-6587 or Roy Taylor at 228-4186.

Food Service Units
All Food Service units will be closed on Monday, Oct. 11 for the Thanksgiving holiday.

Lost and Found
The Lost and Found, located in Room 208 of Brock Hall, is open the following hours: Monday and Friday - 1:30 to 3:30 p.m.; Tuesday - 11:30 a.m. to 1:30 p.m.; Wednesday and Thursday - 11:30 to 3:30 p.m. For more information, call 228-2415.

Nitobe Garden Hours
The Japanese Nitobe Garden, adjacent to UBC's Asian Centre, will be open Monday to Friday from 10 a.m. to 3 p.m. beginning Oct. 12. Current hours are 10 a.m. to half an hour before sunset, seven days a week.

Roots of Wisdom Series
The Centre for Continuing Education is sponsoring a five-part series entitled "Exploring the Roots of Wisdom." The first four sessions will be given by Prof. William Nicholls, Religious Studies, UBC, and Prof. Michael Ovenden, Astronomy, UBC, on the topic "Does Spirit Matter? Spirituality in a Scientific and Critical Age." Sessions will be held on four Fridays, beginning Oct. 8. The fifth session will be given by Jacob Needleman on the topic "Whatever Became of Wisdom? A Call for the Return of Philosophy." For more information, call 228-2181, local 261.

Lecture cancellation
The Middle East lecture by Elias Freij, scheduled for 12:30 p.m. on Thursday, Oct. 7, has been cancelled.

Pacific Rim Conference
The third annual conference of the Pacific Rim Association for Higher Education will be held in UBC's Asian Centre on Oct. 12 and 13. This year's theme is Developing Linkages Around the Pacific Rim. For more information, call Phil Moir, 228-2181, Stephen Foster at 228-2000 or 228-2955, or John Dennison at 228-5252.

Amnesty UBC
Amnesty UBC will have information booths in various locations on campus Oct. 12 to 17 to provide information on Amnesty, and about international violations of human rights.

UBC Pipes and Drums
UBC Pipes and Drums needs pipers, drummers and dancers for the coming year. Practices are 4 to 6 p.m. on Mondays at International House. For more information, call Bill McMichael at 228-5762.

Fine Arts Gallery
The exhibit *Empyrean Elevation: A Quest for Proximity* by fibre artist Lynn Mauser-Bain continues at the Fine Arts Gallery until Oct. 23. The gallery, which is located in the basement of Main Library, is open from 10 a.m. to 5 p.m. Tuesday through Saturday.

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