

# UBC Reports

Volume 28, Number 18

September 8, 1982

## Early decision on faculty salary award sought

A binding arbitration award on UBC faculty salaries for 1982-83 is now under review by the Compensation Stabilization Program (CSP), the body established by the provincial government to implement a wage-control scheme for the public sector.

The award, handed down last week by Vancouver lawyer Ronald Holmes, was sent to the CSP in the form of a submission worked out in consultations between the University and the Faculty Association.

The arbitration award calls for a nine-per-cent salary increase across the board, plus an additional three percent for "career progress." The increases would be retroactive to July 1.

University and Faculty Association

officials expressed the hope that the submission to the CSP within a few days of the award being handed down would lead to an early decision on faculty salaries.

The campus local of the Office and Technical Employees Union, which bargains for a group of employees in UBC's Department of Physical Plant, has ratified a tentative wage agreement reached with the University last week.

The two-year agreement calls for an 8 per cent salary increase in the first year and 5.25 per cent increase in the second year. The first-year salary increase is retroactive to April 1.

The agreement has yet to be ratified by UBC's Board of Governors and must be

submitted to the provincial Compensation Stabilization Program for review.

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UBC Registrar Ken Young says daytime winter session enrolment for 1982-83 could exceed 25,000 students for the first time in UBC's history.

He said his office has now issued just over 28,600 registration authorizations, 1,000 more than were issued at the same time last year.

"Not all the authorizations will translate into registered students," he added, "but there appear to be substantial increases in

the number of new students entering first-year programs and in the number of students who are unclassified, that is, not on a degree program."

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The dismal summer employment picture has resulted in an increased number of students seeking assistance under the B.C. Student Assistance program. For details, see story in column four below.

And if you're considering a part-time job this winter to bolster a depleted bank account, you'll find some helpful hints on where to apply in the story that begins in column one on this page.

## Part-time employment available

The summer of '82 wasn't exactly a vintage season for jobs for students . . . which means that some bank balances may be a bit short of money for tuition, rent and other expenses in the 1982-83 winter session.

The solution to the problem might be an on- or off-campus part-time job to provide a little cash to make ends meet.

UBC Reports did a survey of UBC units that list or offer part-time jobs. Here's what we found out.

Your first stop ought to be the Canada Employment Centre in Brock Hall, which centre supervisor Jill Weber says is "the best one-stop shopping centre for part-time work on campus."

Her employment advisors have been drumming up part-time jobs both on and off campus for several weeks and the centre also does the hiring for such campus units as the University Library and the Graduate Student Centre.

Check the postings on the boards at the centre and then ask at the counter for more information.

If you've been offered work-study as part of your B.C. Student Assistance Program (BCSAP) package by the Awards Office, you must take your authorization to the Canada Employment Centre, where a special section has been set up to deal with the work-study program.

If you have not or will not be applying for aid under the BCSAP and want to get in on the work-study program, you must still complete a BCSAP application, since eligibility is based on assessed financial need. Applications are available at the Awards Office in the General Services Administration Building.

When you fill out the application, make sure you mark it "Work-Study Only" in red on the front page. You're reminded, too, that to be eligible for the program you must be a B.C. resident as defined by the provincial Ministry of Education.

UBC's Food Services Department hires students to help during meal-hour rushes



While most people were still lying on the beach basking in the last of the summer sunshine, members of the Friends of the Botanical Garden were busy choosing plants for the annual fall sale of indoor plants, which takes place Sept. 15-17. The sale is being held at the Botanical Garden Office and Educational Centre, 6501 Northwest Marine Drive, from noon to 5 p.m. on Sept. 15 and noon to 3 p.m. on Sept. 16 and 17. Pictured above surrounded by possible sale items are, left to right, Sybil Jamieson, Dorothy Burling and Audrey May.

## Adult ed program tops survey

UBC has one of the best graduate programs in adult education in North America in the opinion of professors of adult education who participated in a recent survey by the Learning Resources Network in Kansas.

The professors rated the University of Wisconsin's program as the best in the United States and then selected two Canadian institutions — UBC and the Ontario Institute of Studies in Education — for the second and third places in a list of top graduate programs in the field.

The UBC graduate program in adult education is offered through the Department of Administrative, Adult and Higher Education in the Faculty of Education.

The publication of the results of the survey in the Aug. 4 edition of the *Chronicle of Higher Education* marked the second time this summer that UBC has been singled out for kudos for one of its academic programs.

Accounting professors across Canada have rated UBC as the best school in the country for accounting studies in a survey conducted by the Institute of Chartered Accountants of Alberta.

UBC also topped a second poll which asked for the professors' impressions of the quality of students graduating in accounting.

## Emergency measures in place

UBC has put in place emergency measures designed to aid students who met the July 2 deadline for submission of applications for financial aid under the B.C. Student Assistance Program (BCSAP) but have not yet received documents from Victoria.

Students who met the deadline but still lack documents can have their tuition and residence fees deferred. In addition, the UBC Awards Office will make emergency loans to this group of students after Sept. 13 to enable them to meet immediate expenses.

Awards Office director Byron Hender told UBC Reports the student aid situation at UBC has been complicated by a number of factors — a poor summer employment situation which has resulted in an increased number of applications for financial aid and delays by the provincial government in issuing documents required under the BCSAP.

Under the BCSAP, full-time single students are eligible for a maximum of \$3,800 in an academic year — \$1,800 as a federal loan and \$2,000 as a non-repayable provincial grant. The upper limit for students with dependents is \$4,200, with the province adding \$400 to the grant portion.

"Those students who have heard from Victoria have received only the loan portion of the aid package," Mr. Hender said. In order to negotiate the loan with a bank, students must have certificates signed by the Registrar's Office.

A Canada Student Loan table will be set up in the War Memorial Gym, where students must go to complete their registration this week. Next week students will have to go to the Registrar's Office in the General Services Administration Building to have the certificates signed.

Mr. Hender said that the number of applications for aid under the BCSAP was up by about 60 per cent on July 2, the

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## UBC impact on GVRD economy impressive but understated

UBC contributes more than \$467 million a year to the economy of the Greater Vancouver Regional District, according to a report prepared by the Office of Institutional Analysis and Planning.

The report shows that the University is responsible directly for an estimated \$235 million of expenditures, and that it provides more than 7,500 full-time jobs within the GVRD. Indirectly, UBC is responsible for an additional 7,425 jobs and another \$232 million in spending.

Analyst Carol Gibson, who prepared the report, said the methodology used provides a built-in understatement and that the actual economic impact is likely greater than indicated.

In the introduction to her report, Ms. Gibson notes that the economic impact of a university should be considered along with the traditional factors of teaching, research and community service.

"It is equally valid to consider a university as a service industry that provides income opportunities, creates employment and stimulates business within a community."

The report shows that in the 1980-81 fiscal year, UBC as an institution spent more than \$64 million on goods and services within the GVRD. Other UBC-related direct expenditure included more than \$118 million by faculty and staff, close to \$50 million by students, and almost \$4 million by visitors to the University, for a 'direct' total of \$234,874,000.

Expenditure by faculty and staff is broken down into a dozen categories, showing that the single biggest expense was for housing, which took 18 per cent of after-tax income. Food took 16 per cent, and transportation 12. Clothing was a distant fourth at 6 per cent.

Since this \$235 million goes as income to local residents and generates more jobs and additional rounds of spending, the indirect impact is determined through the use of an economic multiplier. The magnitude of the multiplier depends upon factors such as industrial or commercial diversity and the population.

Ms. Gibson used an economic multiplier of 1.99 to determine the additional economic impact of the University on the GVRD, based on an inter-industry study conducted within the region by Dr. H. Craig Davis of UBC's School of Community and Regional Planning.

The 1.99 multiplier shows that UBC is responsible, indirectly, for 7,425 jobs within the GVRD in addition to the 7,500 jobs actually at the University. The additional economic stimulus is \$232 million, for a total of more than \$467 million.

The report also notes that as an employer of 7,500 persons, UBC ranks within the top 10 companies in British Columbia.

President Douglas Kenny said the report clearly demonstrates the economic importance of UBC to the community.

## New survey aims to detail use of Endowment Lands

A new survey to determine how extensively the University Endowment Lands are used for teaching and research has been launched by the parks department of the Greater Vancouver Regional District.

The new survey will update a similar review of UEL teaching and research carried out a number of years ago by a graduate student in UBC's Faculty of Forestry.

A questionnaire has been sent to UBC department chairmen, together with a covering letter signed by GVRD parks department administrator Richard Hankin and Dr. Roy Taylor, director of UBC's Botanical Garden, who also chairs a UBC technical committee on the endowment lands set up by graduate studies dean Dr. Peter Larkin.

Additional copies of the questionnaire are available from the GVRD parks department, 2294 West 10th Ave., 731-1155, local 255.

The GVRD and UBC have been discussing plans and co-operative projects for a proposed Endowment Lands Regional Park over the past two years. The technical committee chaired by Dr. Taylor was established to advise on the long-range park plan, to facilitate research projects and to establish guidelines for UBC teaching and research use of the endowment lands.

The technical committee has reached agreement on a suggested name for the

park — Salish Forest Regional Park — and has adopted a set of guidelines for its use for research and training by UBC staff and students.

The GVRD parks department has also provided funds for a number of research projects within the proposed regional park, including a study of the Camosun Bog between Camosun Street and Imperial Road and a study of bird life in the park. All the studies are being carried out by UBC students and faculty.

The proposal to create a 608-hectare (1,520-acre) regional park on the undeveloped section of the endowment lands arose out of a 1977 report commissioned by the provincial government, which manages the lands.

The report proposed "to combine a highly accessible and prominent forest site with varied resources of the University of B.C. campus itself and the Marine Drive Foreshore Park, including the beaches and the north arm of the Fraser River."

The proposed boundary of the park includes two large blocks of land south of 16th Ave. and north of Chancellor Boulevard, which would be linked by a corridor from 16th Ave. to Chancellor Boulevard.

The provincial government, however, has never acted on the recommendations made in the 1977 report and the ways in which the lands will be used in the future remains uncertain.

## Explosion leads to revision of regulations

UBC has revised its regulations for the preparation of chemical wastes for disposal as the result of an explosion that did \$2,000 worth of damage to the south campus Chemical Waste Disposal Facility on July 22.

The revised regulations emphasize the need for clearly identifying and labelling all chemical wastes destined for disposal at the UBC facility, which is operated by the Department of Physical Plant.

The cause of the July explosion was a

chemical compound containing nitroglycerine, which was being disposed of because it had exceeded the shelf life recommended by the manufacturer. The plastic bag containing the compound did not indicate that one of its constituents was nitroglycerine, a highly explosive substance.

The resulting explosion in the south campus incinerator damaged its interior walls, dislodged its emission stack and blew



## Walking-campus abuse will cost drivers \$25

The "walking campus" concept at UBC is no longer just a concept.

Owners of vehicles found inside the pedestrian area are now liable to fines of \$25, whether the vehicle is moving or parked.

The UBC Board of Governors approved the penalty at its June meeting, backing a proposal by Al Hutchinson, director of Traffic and Security.

Mr. Hutchinson said abuse of the "walking campus" area had been growing, increasing the danger to pedestrians.

UBC's traffic and parking regulations have been revised, and Section 9 on the "walking campus" has a sub-section defining the region which constitutes the campus pedestrian area. Barriers and new signs have been installed at entrances to these areas.

The pedestrian area is bounded by East and West Mall, and by Agronomy Road on the south. The northern boundary is along Crescent Road between East Mall and Main Mall, and along Memorial Road from Main Mall to West Mall.

East Mall is now one-way southbound between Crescent Road and Agronomy Road, and is open to emergency and service vehicles only. Agronomy and Crescent roads remain two-way streets and are open to all traffic. West Mall is a two-way artery and open to all traffic between Marine Drive and Memorial Road, allowing access to parking, but the mall becomes one-way from Memorial Road to Agronomy Road for emergency and service vehicles only. (West Mall is now one-way southbound between University Boulevard and Agronomy Road, and one-way northbound from University Boulevard to Memorial Road.)

Another change affecting drivers this fall is the elimination of parking on Crescent Road. Parking was permitted there during construction of the Fraser River Parkade, which opened in May, and accommodates 730 cars. Holders of staff/faculty decals may use the parkade at no extra charge.

the incinerator door off its hinges. No one was injured.

The revised regulations have been distributed to deans, department heads and administrative assistants, who have been asked to ensure that all staff involved in chemical waste disposal are aware of the procedure.

Anyone wishing a copy of the new regulations should contact Robert Bray, Physical Plant, 228-4167.

## Two faculty members die on Aug. 23

Two members of the UBC faculty — one active and one retired — died on Aug. 23.

They are Dr. James M. Robinson, an assistant professor in the Department of Health Care and Epidemiology, and professor emeritus of Education Dr. F. Henry Johnson, a UBC graduate who played a major role in the development of the curriculum in the Faculty of Education during 16 years at UBC.

Dr. Robinson, who died at the age of 47, was a graduate of Queen's University in Belfast, Northern Ireland, where he was awarded the degrees of Bachelor of Medicine, Surgery and Obstetrics.

He came to Canada in 1961 as a senior intern at Shaughnessy Hospital in Vancouver and was director of provincial public health units in Prince George and Maple Ridge before joining the UBC Faculty of Medicine in 1975 as chairman of the division of public health practice in the Department of Health Care and Epidemiology.

He served as president of the B.C. branch of the Canadian Public Health Association in 1973-74 and was an active member of a number of UBC committees and a consultant to UBC's Health Sciences Centre Hospital.

Prof. Johnson, who died at the age of 74, had a varied career as an educator before joining the UBC faculty in 1956 as director of elementary teacher education and professor of the history of education.

He taught for 21 years in B.C. elementary and secondary schools and at the Victoria Normal School before joining the provincial Ministry of Education as co-ordinator of teacher education.

In addition to playing a major role in the development of the elementary curriculum at UBC from 1956 until his retirement in 1972, Dr. Johnson was the editor of a number of school readers and wrote three scholarly books, including histories of public education in Canada and B.C. He also served terms as president of the B.C. Historical Association and the Canadian Association of Professors of Education.

Dr. Johnson held the degrees of Bachelor and Master of Arts from UBC and Bachelor and Doctor of Paediatrics from the University of Toronto. He served as a member of UBC's Senate for 11 years.

## Painting display opens today

An exhibition of traditional and modern Chinese paintings by artist Ta-Tung (David) Hui opens today (Sept. 8) in the auditorium of the Asian Centre, and continues until Sept. 12.

Mr. Hui will show watercolors and oil paintings in both oriental and western styles, along with some new works using the oriental abstract techniques of spray-ink, s; ray-smoke, splash-ink and acrylic on silk.

The exhibit is open from 11 a.m. to 6:30 p.m. daily, and Mr. Hui will be on hand giving painting demonstrations and occasional performances on the yang-chin, a traditional Chinese musical instrument.

Mr. Hui has held exhibits in more than 40 countries in North America, Europe and Asia in the past six years. In addition to his painting, he has written several books and has been active in educational endeavors.

The exhibit is sponsored by UBC's Institute of Asian Research.



Helen Dunbar, an employee in UBC's Centre for Continuing Education, retired at the end of August after 20 years of service on the campus. Mrs. Dunbar operated the Xerox 9400 copier pictured above, producing about 250,000 copies of material for the centre each month.

## Student aid continued from page 1

deadline for submission of applications. By the end of August, 5,200 applications had been submitted, an increase of some 38 per cent over last year.

"In previous years," Mr. Hender said, "the BCSAP was open ended to the extent that aid was forthcoming if the University approved the application. This year, there have been indications that there may be some cuts in the grant portion of the program, that is, students may not get all the money they hoped for."

"What's still not clear is whether the cuts are to be made across the board, on a percentage-of-award basis, or by refusing money to those who apply after a certain date."

He said he hoped the provincial government would consult with the universities before making a decision on cuts in the grant portion of the BCSAP package.

However, Mr. Hender added, the University has made additional funds available to provide student aid in 1982-83.

"The Board of Governors added \$1 million to UBC bursary funds for the current year and during the summer they approved additional funds totalling \$500,000 to provide increased opportunities for summer jobs on campus (\$250,000) and for the work-study program during the winter session (\$250,000). The provincial government also provides \$175,000 for the winter session work-study program."

Bursary money ranging from \$300 to \$750 has gone to BCSAP applicants who are married or who have dependents and live off-campus, as well as to those who are single, mature and not living with parents and graduate students.

Work-study has been offered to students who were unemployed during the summer and to those whose savings were considerably less than expected. Another group of students offered work-study were those who had needs in excess of the maximum they would receive under BCSAP.

Mr. Hender emphasized that students who had been authorized to seek on-campus employment under the work-study program should go the Canada Employment Centre in Brock Hall as soon as possible to determine whether a job exists to match their skills.

"Many of jobs offered in UBC departments require special skills and will be hard to fill," Mr. Hender said. "As a result, a large number of students may be chasing a limited number of jobs."

He said work-study had been offered to

more than 700 students who have also applied for the BCSAP package. The total number of proposals received under the work-study program will provide jobs for between 750 and 800 students, he added.

## Jobs

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in campus residences, at the SUBWAY in the Student Union Building and in other campus food outlets.

There are about 100 positions available, but the department will hire about 300 students who share shifts to fit the part-time jobs into the students' academic schedules.

To apply for food service jobs, visit the food units at Totem Park and Place Vanier Residences, the SUBWAY or the central food services office on the lower floor of the Ponderosa cafeteria on the West Mall.

UBC's Athletic Office will hire up to 150 students this year to serve as referees and administrators for the campus intramural and recreation program. Apply at the Athletic Office in the War Memorial Gym.

Pay rates for the refereeing jobs vary between \$5 and \$7.50 an hour, depending on your level of expertise. If you hold a referee's certificate, you'll get the top rate of \$7.50, if you attend a referee's clinic run by the Athletic Office, you'll get \$6, and you'll get \$5 if you don't have a certificate and don't attend the clinic.

The Athletic Office also pays honoraria ranging from \$300 to \$500 for administrative work associated with the intramural and recreational program.

The Alma Mater Society also has some jobs available in The Pit in the basement of the Student Union Building and in the Gallery Lounge on the main floor of SUB. Apply directly to the managers of each of these facilities if you're interested. There's a fair turnover in personnel for these part-time jobs, apparently, and it pays to keep asking about openings.

The AMS has also started a student employment program of its own this year. It's located in Room 238 of SUB or call Terry Jackson, 228-3971.

The qualifications of students registered with the program will be advertised in campus departments and offices and with businesses near the campus. The AMS will pay the student's salary and then collect from the employer so that there's no delay in being paid.

# GRANT DEADLINES

Faculty members wishing more information about the following research grants should consult the Research Administration Grant Deadlines circular which is available in departmental and faculty offices. If further information is required, call 228-3652 (external grants) or 228-5583 (internal grants).

### Oct. 1

- American Lung Association — Training Fellowships.
- American Lung Association — Trudeau Scholar Awards.
- AUCC: International Relations — Canadian Studies Visiting Prof in Japan.
- B.C. Health Care Research Fdn. — Development and Training Fellowship.
- B.C. Health Care Research Fdn. — Research Grant.
- B.C. Health Care Research Fdn. — Research Scholar Award.
- B.C. Heart Foundation — Clinical Fellowship in Cardiovascular Disease.
- B.C. Medical Services Fnd. (BCMSF) — Research Grant.
- Bell, Max Foundation — Research Grant.
- Canadian Cystic Fibrosis Fdn. — Fellowships for Training and Research.
- Canadian Cystic Fibrosis Fdn. — Research Grant.
- Educational Research Inst. of B.C. (ERIBC) — ERIBC Research Grant.
- Guggenheim Memorial Foundation — Guggenheim Fellowships.
- Intl. Union Against Cancer — Eleanor Roosevelt Cancer Fellowships.
- Intl. Union Against Cancer — International Fellowships.
- Juvenile Diabetes Fdn. (US) — Career Development Award.
- Juvenile Diabetes Fdn. (US) — Postdoctoral Fellowships.
- March of Dimes Birth Defects Fdn. — Research Grant.
- MRC: Grants Program — Program Grants.
- MRC: Grants Program — Travel Grants.
- MRC: Special Programs — INSRM/MRC Exchange.
- MRC: Special Programs — Research for Dyskinesia and Torticollis.
- MRC: Special Programs — Symposia and Workshops.
- National Kidney Foundation (US) — Research Fellowships.
- NSERC: Major Equipment/Installation — Major Installation.
- Osgoode Society — Fellowship in Canadian Legal History.
- SSHRC: Fellowships Division — Jules and Gabrielle Leger Fellowship.
- SSHRC: Fellowships Division — Leave Fellowship.
- SSHRC: Fellowships Division — Postdoctoral Fellowship.
- SSHRC: Int. Relations Division — Bilateral Exchange: China.
- SSHRC: Int. Relations Division — Bilateral Schol. Exchange: Japan and Hungary.
- SSHRC: Int. Relations Division — Visiting Foreign Scholars.
- SSHRC: Strategic Grants Division — Population Aging: Post Doctoral Fellowship.
- St. John's College — Commonwealth Fellowship.
- Westbrook Society (UBC) — Project Grant.
- Woodward's Fnd. (Mr. and Mrs. P.A.) — Foundation Grants.
- World Wildlife Fund (Canada) — General Research Grant.

### Oct. 2

- General Motors Cancer Res. Fnd. — Research Prize.

### Oct. 4

- National Res. Council of Canada — Steacie Prize.

### Oct. 6

- National Inst. of Education (US) — NIE Research Grants.

### Oct. 10

- National Defence, Canada — Military and Strategic Studies Program.
- Shastri Indo-Canadian Institute — Research, Study and Language Training in India.
- University of British Columbia — UBC/SSHRC Travel Grant.

### Oct. 11

- NSERC: Fellowships Division — University Research Fellowships.

### Oct. 15

- Agriculture Canada — Extramural Research Grant.
- Alberta Forest Service — Forest Development Research Fund Grant.
- Arthritis Society — Associateships and Assistantships.
- Arthritis Society — Fellowships.
- Arthritis Society — International Scholarships Postdoctoral.
- Canada Council: Killam Program — I.W. Killam Memorial Prize.
- Canada Council: Killam Program — Killam Research Fellowship.
- Canada Council: Writing/Public. — Translation Grant.
- Fitness and Amateur Sport — Fitness Canada Grants.
- Kidney Foundation of Canada — Research Grant.
- NSERC: Individual Grants — Travel Grants.
- NSERC: Int. Relations Division — Exchange: France, Brazil, Czech, Japan, Bulg.
- NSERC: Int. Relations Division — International Collaborative Research.
- NSERC: Int. Relations Division — International Scientific Exchange Awards.
- SSHRC: Research Grants Division — Research Grant.
- SSHRC: Strategic Grants Division — Population Aging: Research.
- SSHRC: Strategic Grants Division — Population Aging: Research Workshops.

### Oct. 25

- Peterhouse Cambridge — Research Fellowships.

### Oct. 29

- Canada Mortg. and Housing Corp. — Research Grants Type A (to \$3,500).

### Oct. 30

- Intl. Development Res. Centre — Education Research Awards Program.
- SSHRC: Research Commun. Division — Aid to Occasional Conferences.

### Oct. 31

- AUCC: International Relations — International Scholarships Postdoctoral.
- Cdn. Common. Schol./Fell. Committee — Research Fellowships.
- Cdn. Common. Schol./Fell. Committee — Visiting Fellowships.
- Japan World Expos. Commemor. Fund International Projects.
- Pepperdine University — John and Alice Tyler Ecology Award.
- Secretary of State — Canadian Ethnic Studies Program: Professorships.
- Secretary of State — Canadian Ethnic Studies Program: Research.
- University of Tasmania — University Research Award.
- World Wildlife Fund (Canada) — Arctic Grants.

Note: All external agency grant applications must be signed by the Head, Dean, and Dr. R.D. Spratley. Applicant is responsible for sending application to agency.

## Computer courses set for fall

Long-time computer buffs and beginners alike are sure to find something of interest in the Centre for Continuing Education's fall program "Learning About Computers."

Here's the line-up of courses for the fall: Introduction to Programming Using BASIC, Sept. 25 - Oct. 30; Computers Introduced, Sept. 29 - Oct. 6; Computers Explained, Oct. 13 - Nov. 3; How to Select and Manage a Small Business Computer, Oct. 28 (one-day course); Word Processing and Microcomputers for Authors, Nov. 6; The Home Computer Revolution: What's It All About?, Nov. 13; Evaluating Software Packages: Approaches and Alternatives, Nov. 15; Using Personal Computers, Nov. 20; How to Select and Manage a Small Business Computer, Nov. 20; Database Fundamentals, Nov. 17 - 24; Selecting Personal Computers: How to Decide, Nov. 27; and Appreciating Computer Graphics, Dec. 9.

For more information about the courses, contact Jane Hutton or Cindy Noakes, Centre for Continuing Education, at 228-2181, local 276 or 278.

# UBC CALENDAR

## Calendar Deadlines

For events in the weeks of Sept. 26 and Oct. 3 material must be submitted not later than 4 p.m. on Sept. 16. Send notices to Information Services, 6328 Memorial Rd. (Old Administration Building). For further information, call 228-3131.

## The Vancouver Institute.



**Saturday, Sept. 25**  
NMR: A New Window on the Human Body: Medical Applications. Sir Rex Richards, former vice-chancellor, Oxford University. (Sir Richards is at UBC as a Cecil and Ida Green Visiting Professor).

The lecture takes place in Lecture Hall 2 of the Woodward Instructional Resources Centre at 8:15 p.m.

## WEDNESDAY, SEPT. 8

**Cancer Research Seminar.**  
New Perspectives in Epstein Barr Virus Research. Dr. Alice Adams, Wallenberg Laboratory, University of Uppsala, Uppsala, Sweden. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 12 noon.

**Chemical Engineering Seminar.**  
Fischer-Tropsch Synthesis in Dry Fluid Beds: A Story of Failure and Success. Prof. Arthur M. Squires, Chemical Engineering, Virginia Polytechnic Institute, Virginia. Room 206, Chemical Engineering Building. 3:30 p.m.

## THURSDAY, SEPT. 9

**Oral Medicine Seminar.**  
Recent Research in Oral Cancer. Prof. Crispian M. Scully, Oral Medicine and Oral Surgery, Bristol Dental Hospital, Bristol, England. Room 388, Macdonald Building. 12 noon.

## MONDAY, SEPT. 13

**Asian Studies Lecture.**  
Theories of Meaning in the Sanskrit Tradition. Dr. K. Kunjuni Raja. Room 604, Asian Centre. 10:30 a.m.

**Asian Studies Lecture.**  
Ananda-varadhana's Contribution to Aesthetics (Semantics of Poetic Literature). Dr. K. Kunjuni Raja. Room 604, Asian Centre. 3:30 p.m.

## Biochemical Discussion Group Seminar.

Left Handed and Z DNA in Solution, in Reconstituted Nucleosomes and in Polytene Chromosomes. Dr. Hans Van de Sande, Biochemistry, University of Calgary. Lecture Hall 6, Woodward Instructional Resources Centre. 4 p.m.

## TUESDAY, SEPT. 14

**Canadian Medical and Biological Engineering Society Meeting.**  
George Eisler, clinical engineer, Royal Columbian Hospital, will speak on Travels in China — Personal Impressions of a Clinical Engineer. Salons B&C, UBC Faculty Club. 8 p.m.

## WEDNESDAY, SEPT. 15

**International House.**  
International House Folk Dance Club. Traditional dances and steps from many different countries taught at beginner and intermediate levels. Open to students, faculty, staff and community. Yearly fee is \$10; \$5 for students. For further information, call Marcia Snider at 738-1246 (evenings) or Richard Spratley at 228-3652 (days). Upper Lounge, International House. 7:30 p.m.

## THURSDAY, SEPT. 16

**Amnesty UBC.**  
Introduction to Amnesty International with a panel of prominent Vancouver amnesty members. Room 207/209, Student Union Building. 12:30 p.m.

**Linguistics/Asian Research Lecture.**  
Language as an Index of Culture. Prof. Takao Suzuki, Institute of Cultural and Linguistics Studies, Keio University, Tokyo. Room 100, Buchanan Building. 12:30 p.m.

**Condensed Matter Seminar.**  
The Magnetism of Iron and Other Transition Metals. Herbert Capellmann, Institut Laue-Langevin, Grenoble and Technische Hochschule, Aachen. Room 318, Hennings Building. 2:30 p.m.

**Physics Colloquium.**  
Atmospheric Motion as a Problem in Physics. Dr. D. Steyn, Geography, UBC. Room 201, Hennings Building. 4 p.m.

## Terry Fox Cancer Lecture.

Monoclonal Antibodies to Human Breast Epithelia. Dr. Paul Edwards, Haddow Laboratories, Ludwig Institute for Cancer Research, England. Lecture Hall 5, Woodward Instructional Resources Centre. 4 p.m.

## Cancer Research Seminar.

Stimulation of Fetal Hemoglobin Synthesis by DNA Hypomethylating Agents. Prof. J. De Simone, Medicine, University of Illinois, College of Medicine and Veteran's Administration, West Side Medical Centre, Chicago. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 4 p.m.

## FRIDAY, SEPT. 17

**Cancer Research Seminar.**  
Multiple Differentiation Programs in the K562 Cell Line and Their Regulation. Dr. Michael Horton, Hematology, St. Bartholomew's Hospital, London, England. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 12 noon.

## Biochemical Discussion Group Seminar.

Arachidonate Metabolism by Stimulated Cells. Dr. Moseley Waite, Biochemistry, Bowman Gray School of Medicine, N.C. Lecture Hall 3, Woodward Instructional Resources Centre. 12:30 p.m.

## Middle East Lecture.

Egypt's Foreign Policy Today. Dr. Tahsin Beshir, His Excellency the Egyptian Ambassador, Ottawa. Room 203, Buchanan Building. 12:30 p.m.

## UBC Public Affairs.

Libraries, Intellectual Freedom and Censorship. Prof. Lois Bewley, UBC School of Librarianship. Show will be re-broadcast on Sept. 20 at 10:30 a.m. Channel 10, Vancouver Cablevision. 7:30 p.m.

## SUNDAY, SEPT. 19

**Terry Fox Run.**  
Registration for the Terry Fox Run takes place in the Osborne Centre at 1 p.m. The run begins at 2 p.m. For more information, call 734-1814.

## MONDAY, SEPT. 20

**Cancer Research Seminar.**  
A Mouse Model System for Studying Hormone Drug Interactions in Mammary Carcinoma Therapy. Dr. Joanne Emerman, Anatomy, UBC. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 12 noon.

## Hoffmann-LaRoache Special Lecture.

Sponsored by the Canadian Society for Nutritional Sciences and UBC's continuing education in the health sciences. Alcoholism and Malnutrition. Prof. Charles Halsted, Internal Medicine, University of California, Davis. A coffee reception will follow the lecture. Lecture Hall 60, School of Home Economics Building (across from the Health Sciences Parkade). 8 p.m.

## WEDNESDAY, SEPT. 22

**Noon-Hour Recital.**  
Music of Brahms performed by Gerald Stanick, viola and Robert Silverman, piano. Recital Hall, Music Building. 12:30 p.m.

## Hewitt Bostock Memorial Lecture.

Modernizing Britain: Challenges and Opportunities. Prof. Michael J. Wise, London School of Economics and Political Science. Penthouse, Buchanan Building. 12:30 p.m.

## Frederic Wood Theatre.

Opening night of Joe Orton's *Entertaining Mr. Sloane*. Continues until Oct. 2. For ticket information, call 228-2678 or drop by Room 207 of the Frederic Wood Theatre. 8 p.m.

## THURSDAY, SEPT. 23

**Condensed Matter Seminar.**  
Quantum Mechanical Description of the Orientation of Small Molecules in Anisotropic Media. Jaap Snijders, Theoretical Chemistry,

The Free University, Amsterdam. Room 318, Hennings Building. 2:30 p.m.

## Physics Colloquium.

The Semiconductor/Liquid Interface: Basic Concepts and Applications. Prof. S. Roy Morrison, Physics, SFU. Room 201, Hennings Building. 4 p.m.

## Graduate Student Society.

An orientation for graduate students, with a chance to talk with program committee members, the president of the Graduate Student Society and council and executive members. Wine and cheese will be served. Graduate Student Centre. 4 p.m.

## Cecil and Ida Green Lecture.

High Resolution NMR in Animals and Humans. Sir Rex Richards, former vice-chancellor, Oxford University. Lecture Hall 5, Woodward Instructional Resources Centre. 4 p.m.

## FRIDAY, SEPT. 24

**Soccer.**  
UBC vs. the University of Saskatchewan. Wolfson Field. 2 p.m.

## Faculty Recital.

Music of Reicha, Reinecke and Kuhlau performed by Paul Douglas, flute and Robert Rogers, piano. Recital Hall, Music Building. 8 p.m.

## Volleyball Reunion.

Grad teams reunion, competition, dinner and dance. Continues Saturday, Sept. 25 and Sunday, Sept. 26. For more information, call Sandy Silver at 228-5936. War Memorial Gym.

## SATURDAY, SEPT. 25

**Soccer.**  
UBC vs. the University of Alberta. Wolfson Field. 2 p.m.

# Notices . . .

## Crane Library

Crane Library is looking for volunteer readers to record textbooks for blind students. Readers should have a college or university background and should have good reading voices without heavy accents or dialects. For more information, contact Lynne at 228-6111.

## Faculty/Staff Exercise Class

Faculty and staff exercise classes for men and women take place on Mondays, Wednesdays and Thursdays from 12 to 1:05 p.m. Instructor is S.R. Brown. Fee for the year is \$30, payable in Room 203 of the War Memorial Gym. Classes begin Sept. 20. For more information, call 228-3996.

## Curling League

Anyone interested in joining a mixed curling league which curls at 7:15 p.m. on Fridays, should contact John Yandon, at 228-4711. Experienced and novice curlers welcome.

## Reading, Writing and Study Skills

The UBC Reading, Writing and Study Skills Centre offers non-credit courses to improve reading speed, comprehension, composition and study skills. Courses begin Sept. 18 and 27. Pre-registration is required. For information, call 228-2181, local 245.

## Library Tours

Guided tours of Main and Sedgewick Libraries will be given weekdays at 10:30 a.m. and 12:30 p.m. Sept. 13 and 14. The tours meet in the entrance of the Main Library and last about 45 minutes.

## Graduate Student Centre

Supporting memberships in the Thea Koerner House, Graduate Student Society Centre, are available to full-time monthly employees of the University. The annual membership fee is \$40 and can be obtained by direct request to the secretary of the Graduate Student Centre.

## Doctoral Orals

All doctoral orals are held in the graduate studies examination room in the Faculty of Graduate Studies office, 2nd floor of the New Administration Building unless otherwise indicated.

**TUESDAY, SEPT. 14 at 3:30 p.m. — Pamela J. Peck, Anthropology; Missionary Analogues: The Descriptive Analysis of a Development Aid Program in Fiji. (Graduate studies conference room).**

**MONDAY, SEPT. 20 at 2 p.m. — Jeffery Raymond Dahn, Physics; Structure and Thermodynamics of Li<sub>x</sub>TiS<sub>2</sub> Theory and Experiment.**

**MONDAY, SEPT. 20 at 2:45 p.m. — Kathleen Mary Harper Lymburner, Microbiology; Inhibition of the PHA Response of Normal Human Lymphocytes by Serum from Patients with Metastatic Breast Cancer. (Graduate studies conference room).**

**MONDAY, SEPT. 20 at 3:30 p.m. — Thalia Ioanna Nicas, Microbiology; Role of the Outer Membrane of *Pseudomonas aeruginosa* in Antibiotic Resistance. (Library Processing Center, 4th Floor conference room)**

**WEDNESDAY, SEPT. 22, at 3 p.m. — Lynette E. Pickard, Interdisciplinary Studies; Management of Laboratories: Examining Symbolic and Substantive Outcomes.**

## Food Service Hours

**Auditorium:** Reopens Sept. 7 — 7:45 a.m. to 4 p.m. Monday through Friday;  
**Barn Coffee Shop:** Reopens Sept. 13 — 7:45 a.m. to 3:45 p.m. Monday through Friday;  
**Buchanan Snack Bar:** Reopens Sept. 13 — 7:45 a.m. to 3:45 p.m. Monday through Friday;  
**Bus Stop Coffee Shop:** 7:45 a.m. to 4 p.m. Monday through Friday;  
**Education Snack Bar:** From Sept. 7-10 — 8:30 a.m. to 3:30 p.m. From Sept. 13 — 7:45 a.m. to 6 p.m. Monday through Thursday, and 7:45 a.m. to 3:45 p.m. Friday;  
**I.R.C. Snack Bar:** Reopens Sept. 13 — 8 a.m. to 3:45 p.m. Monday through Friday;  
**Ponderosa Snack Bar:** Reopens Sept. 13 — 9 a.m. to 2 p.m. Monday through Friday;  
**SUB-WAY:** From Sept. 7 — 7:30 a.m. to 7:30 p.m. Monday through Thursday, 7:30 a.m. to 5 p.m. Friday, and 10 a.m. to 5 p.m. Saturday and Sunday.

## AMS Orientation Events

**Wednesday, Sept. 8 — Magic World Mime Show, outside War Memorial Gym, 10:30 a.m., CITR disco, SUB Plaza, 12-2 p.m., free video games (residents only), SUB Games Area, 7 p.m., free student bowling, SUB Games Area, all day.**  
**Thursday, Sept. 9 — Magic World Mime Show, outside War Memorial Gym, 10:30 a.m., CITR disco, SUB Plaza, 12-2 p.m., free admission to *Kentucky Fried Movie*, SUB Auditorium, 7 and 9:30 p.m., the Bing Jensen Group, the Pit, 9:30 p.m.**  
**Friday, Sept. 10 — CITR disco, SUB Plaza, 12-2 p.m., free admission to *Kentucky Fried Movie*, SUB Auditorium, 7 and 9:30 p.m., the Bing Jensen Group, the Pit, 9:30 p.m.**  
**Monday, Sept. 13 — Double decker campus bus tours, starting at the Student Union Building Boulevard loading zone, 11:30 a.m. to 2:30 p.m., Peter Chabanowich, Art Gallery Lounge, 9 p.m.**  
**Tuesday, Sept. 14 — Double decker campus bus tours, starting at the Student Union Building Boulevard loading zone, 11:30 a.m. to 2:30 p.m., Punchlines Comedy Show, SUB Auditorium, 12 noon, Dee Daniels, Art Gallery Lounge, 9 p.m. (Dee Daniels will be performing all week in the lounge at 9 p.m.)**  
**Wednesday, Sept. 15 — free concert, Los Populares, MacInnes Field, 12-2 p.m.**  
**Thursday, Sept. 16 — free concert, The Best, MacInnes Field, 12-2 p.m., The Villains, the Pit, 9:30 p.m.**  
**Friday, Sept. 17 — free concert, Silverlode, SUB Plaza, 12 noon, hamburger barbeque and CITR disco, SUB Plaza, 6-8 p.m., concert, SUB Ballroom, 8:30 p.m., The Villains, the Pit, 9:30 p.m.**  
**Saturday, Sept. 18 — free bowling to residents all day, SUB Games Area.**  
**Sunday, Sept. 19 — Terry Fox Run, run or walk 10 km, Osborne Centre, 2 p.m.**

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.

