

# Reports



The University of British Columbia, Vancouver, B.C.

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Lori Fung (left), an Olympic gold medallist in 1984 in rhythmic gymnastics, offers advice to a member of her new club which operates in War Memorial Gym. See story on Page 2.

## Library seeks to curb long lineups for cards

By GAVIN WILSON

The UBC library is looking to improve the way library cards are issued after changes brought about by the introduction of Telereg caused long line-ups at the beginning of the term.

Under the old, in-person registration system, students with overdue fines were prohibited from registering for classes. With Telereg, however, it is up to the library to catch students with outstanding fines when they renew their cards, said Mary

Banham, head of the library's circulation division.

And although students received a registration status letter in the mail, few brought this proof of registration with them. This meant that library staff had to check their status on-line.

"We had to rush around to find extra terminals and then check three-quarters of students on-line. Some of the line-ups were really very long," Banham said.

Associate Registrar Alan McMillan said that his office was concerned that some students would be unfairly

denied registration if decisions on eligibility were based on out-of-date information on overdue library and parking fines.

"We considered holding back registration for students with outstanding library and parking fines, but without an on-line central accounting system it would have resulted in undue hardships for some students," he said.

Such information will be available to Telereg once the on-line, integrated Student Information System is in full operation, he added. Telereg is the first phase of this system.

Banham said another complication snarling card distribution is the lack of a single area large enough to do all the work. Operations were spread out in Sedgewick, Main and the Map Foyer.

Banham said the library anticipated some of the problems and took steps to ease congestion, laying on extra staff and equipment in the evenings during the first week of classes. But few students took advantage of the evening service.

Despite the setbacks, Banham said, about 10,000 new cards were produced and another 12,000 old cards updated during the first two weeks of classes.

She said library representatives will meet with staff from the Registrar's Office to propose changes in procedures to streamline next year's operations.

"The sad thing is that the new Telereg system was introduced to eliminate lineups, but it made us look worse," she said.

### Fraser River

## Leeches employed to check on pollution

By DEBORA SWEENEY

UBC researchers are using leeches as environmental policemen to monitor pollution levels in the Fraser River.

The slug-like bloodsuckers are repulsive to most people, but Ken Hall of the Westwater Research Centre said they are proving to be an invaluable tool for detecting chlorophenol levels in the river.

"Leeches can take 100,000 samples in a week, whereas a government chemist may only get out there two or three times if he's lucky," said Hall.

Chlorophenols are used to preserve lumber which is being prepared for export from B.C. Environment Canada studies have shown that run-off from wood storage areas is toxic to young fish because of concentrations of chlorophenols.

See CREEPY on Page 2

# Post-grads forgotten in Bullen study: Strangway

By DEBORA SWEENEY

A recent report on advanced education in B.C. neglects a vital segment of the student population -- graduate students, says UBC President David Strangway.

The report, prepared for the provincial government by a group headed by Dr. Les Bullen, says the post-secondary system is overcrowded, overloaded and needs are increasing. It recommends the government spend more money to improve space and equipment at colleges and universities and suggests the creation of "university colleges" -- regional colleges that could grant undergraduate degrees without the facilities of the existing universities.

While Strangway supports the document and agrees with its recommendations, he is disappointed that graduate students were ignored.

"We think we're at least 2,000 spaces short there, and that's as fundamental to the future of this province as providing enough spaces for people in undergraduate programs. Virtually every spinoff company in the Lower Mainland has come out of graduate students and \$260-million worth of business is done by UBC alumni," Strangway said.

"I hope the government will act not just on one dimension of the problem which this report suggests, but that it will consider an approach that deals with the overall question of accessibility," he added.

Demand for undergraduate places in B.C. universities went up by almost 20 per cent this year. The province is 10,000 to 15,000 spaces short of the national norm, he said.

Strangway welcomes the report's recommendations.

"As we have said in our draft Mission Statement, 'If you're going to create spaces, why not create them where it's cheaper for the students to participate?'" he said.

However, Strangway cautioned that degree-granting colleges must not be a cheap solution for the government.

"It will cost a substantial amount of money both in capital and operating grants to provide degree granting opportunities wherever the government provides them," he said.

The UBC president also stressed that by creating new places for students throughout the province, the government is still under obligation to make sure that existing institutions are adequately funded.

## Goal is in sight for United Way

By GAVIN WILSON

The United Way campaign on campus has raised \$89,937.88, or 67 per cent of its financial goal of \$134,000, results released Oct. 27 show.

The campaign on campus has been extended until late November to give staff and faculty more opportunity to contribute, organizers announced.

"The distribution of pledge cards to employees has been slower than expected," John McNeill, campaign chairman and Dean of Pharmaceutical Sciences, said Oct. 14. "Some pledge cards are just arriving now, so we've decided to extend the campaign."

Organizers hope to increase participation at UBC to 23 per cent of total employees, and are now halfway towards that goal. To date, the average donation to the campaign is \$140 per person.

Some departments have exceeded expectations, said McNeill, especially the Development Office which boasts an 85 per cent participation rate.

"The rest of us can see that as a point to strive to," he said.

Development Office staff member Karen Lindsay, who helped coor-

dinate efforts in that department, said the results were an outcome of increasing staff awareness of the United Way and its member agencies and "having a little fun" at the same time. Lindsay is the university's Loaned Representative to the United Way campaign.

McNeill added that Nov. 22 or Nov. 28 would be likely dates for completion of the campus campaign. The overall United Way campaign in the Lower Mainland continues to the end of the month. Its goal is \$12.6-million.

### Tentative dates set for talks

An arbitration panel appointed to resolve contract negotiations between the University and the Faculty Association has set tentative meetings for December, said James Dybikowski, Associate Vice-President, Faculty Relations.

Contract negotiations between the two sides have been deadlocked for several months, with monetary issues the major source of disagreement. The Faculty Association represents about 2,000 faculty members, librarians and continuing education program directors.

# Papers given poor mark for labor issue coverage

By JO MOSS

Some Canadian newspapers are not doing a good enough job in keeping the public informed about labor issues, says Commerce professor Anil Verma.

Reporters tend to cover events at the expense of explaining the issues, he said.

"The lack of informed and investigative reporting is a major weakness in the media's handling of this important sector of the economy and society," Verma said. "Especially in B.C. where industrial relations are central to the economic, social and political life of the province."

Verma charted labor coverage in two major Canadian newspapers, The Vancouver Sun and The Globe and Mail, in selected months over three years, 1985 to 1987.

He says reporters show a lack of understanding about labor issues which results in their stories trivializing, or neglecting to explain, important background information and public policy.

This kind of information is vital because newspapers play a key role in influencing public opinion, he added.

"The fact is, we're exposed to the media constantly and endlessly. How people think is based on what they know, and what they know depends a lot on what they hear from the media."

Verma's research found that 95 per cent of labor reporting in both newspapers covered events, whereas only five per cent of the stories offered analysis or commentary of those events

"The reporting generally omitted relevant details that can help readers understand the developments in bargaining," he said.

About 60 per cent of the labor stories in the three-year period were about bargaining and strikes, situations that are just one part of the industrial relations system. In 20 per cent of the reports, issues were not mentioned at all. Discussion of the background to the dispute, previous strikes, comparisons to other workers and other companies, other settlements, the costs incurred to employers, employees, the public and the economy—that information and more is usually lacking, Verma said.

"There is little in the reporting that informs the public about the role of strikes in an industrial relations

system, perhaps because the reporters themselves do not understand it," he added.

From time to time single events, such as Bill 19 and its ramifications, do receive good in-depth coverage with equal attention given to events and policy, Verma said. He would like to see that happen on an on-going basis.

And media do provide balanced coverage, getting the story from both the employer and employee, Verma said.

But more informed coverage of labor issues could have a "significant impact" on labor policies, and help prevent bitter and debilitating strikes, such as recent ones in the forest industry.

"The evidence seems to indicate that media plays a very important role in labor management relations," he added.

He would like to see newspaper managers encourage reporters to specialize in labor issues, as they do for science and business.

Verma has applied for funding from the Social Sciences and Humanities Research Council to conduct a national study of media coverage of labor issues.



This portrait is one of 30 works by Nelson, B.C. photographer Fred Rosenberg on exhibit at the UBC Fine Arts Gallery until Nov. 10. The gallery is open Tuesday to Friday 10 a.m.- 5 p.m., and Saturday from noon to 5 p.m.

## Graphics manual ready in January

Faculty and staff involved in publications and advertising will soon be able to take advantage of the university's new graphics standard manual.

Scheduled for distribution on campus in January, the manual will offer guidelines for the production of all external university communications, including stationery, promotional materials, use of logo and coat of arms, typeface and other design features.

To help fulfill the need for a more unified graphic image, an advisory committee was established early this year by the President's Office to develop a graphic standards manual which would help establish a cohesive visual identity for the university.

One of the findings of the recent communications review—carried out last year to help develop a strategic university communications program—was that the public has a confused perception of UBC, explained UBC President David Strangway. He said the campus community has expressed a similar concern.

The public receives a large number of publications from different areas of the university which display enormous variation in overall presentation. For example, not only do different versions of the UBC crest and logo appear, but they are used inconsistently.

"A unified graphic image is essential during the upcoming fundraising campaign to support UBC's identity," Strangway said.

The committee examined all UBC publications and also consulted extensively with producers of those materials to identify some of the problems and clarify individual requirements, said Sharon Rowse, Systems Administration Manager for Community Relations and co-chair of the advisory committee.

Other committee members are: Libby Kay, Information Officer, Extra-Sessional Studies and co-chair; Keith Bowler, Director of Purchasing; Les Grant, Supervisor of Administration, Biomedical Communications; Cyril Finnegan, Zoology; Ian Franks, Director of Media

Services; Maureen Garland, Director of Continuing Education and Communications, Agricultural Sciences; Lorne Koroluk, Educational Media Designing Producer for UBC Access; and Judith McLarty Larsen, Promotion Manager, Community Relations.

"Anyone planning, or intending to produce, any sort of external communication is encouraged to make use of the resources available through the committee and contact one of the co-chairs," Rowse said.

## Candidates to debate on campus

Some of the major candidates in the federal election from ridings near UBC will participate in a forum on campus Nov. 10.

On hand for the debate will be Progressive Conservative candidate Bill Clarke and New Democrat Gerry Scott, who are both running in the Vancouver Quadra riding. Tex Enemark, a candidate in Vancouver Centre, will represent the Liberal party.

The forum, scheduled for 12:30 p.m. - 2 p.m. at Woodward IRC, lecture theatre 2, is co-sponsored by the UBC Faculty Association and the Alma Mater Society.

## Meal planning? Dial-A-Menu

Campus gourmards can plan their daily meals, thanks to Dial-A-Menu.

The new phone-in service from the Subway cafeteria tells callers about each day's breakfast, lunch and dinner specials, the soup of the day, and the hours of operation at Subway.

"We thought Dial-a-Menu would be a fun way to provide information and promote our daily specials," said Christine Samson, Director of Food Services.

Call Dial-A-Menu at 228-6060.

## Rhythmic gymnastics

# Fung's pupils early risers

By GAVIN WILSON

At 7:30 on weekday mornings, the windows of university classrooms are still dark -- but one teacher on campus is already 90 minutes into her lesson.

Lori Fung, gold medal Olympian, is putting her rhythmic gymnastics students through their paces under the florescent glare in the War Memorial Gym. It's a familiar place for her to be this early in the day. She trained in War Memorial for much of her decade-long career.

Fung retired from competition this summer at the age of 25, and now operates the Vancouver Rhythmic Sportive Gymnastics Club in the gym.

This morning she has eight girls and young women, aged eight to 19, practicing routines to music played on a portable stereo.

Rolling and leaping across the mat with hoops and balls or trailing long white ribbons, they doggedly work at making difficult moves look graceful and easy. Fung alternately praises or chides them for missteps.

"What did I say about that move?" she hollers sternly at one pony-tailed student who has flubbed her routine.

"You have to be tough on the older ones -- they're at that level of competition where you have to be," Fung explains, and then laughs and shakes her head at a memory. "My coach was so tough with me."

Fung captured the hearts of Canadians with her dazzling performance at the Los Angeles games in 1984. Many looked forward to further glories at the Seoul games in September, but plagued by nagging tendinitis and

wearied by chronic Epstein-Barr syndrome, Fung withdrew from competition in August.

Without her talent leading the way, the Canadian team finished well out of the medals race.

"It was a difficult decision, it was really hard, but I had to think about what was best for my health."

# 'Creepy crawlies' show pollution high

Continued from Page 2

Hall and Christina Jacob, a masters' student in civil engineering, wanted to measure chlorophenol levels at the North Arm of the Fraser River near Mitchell Island where several forest product industries are located.

They decided to use leeches in their experiment after reviewing studies that showed leeches absorb and hold chlorophenols and other toxins which travel through the water while suffering no detrimental effects.

Hall travelled to a lake in the B.C. Interior north of Princeton to find the leeches for his research.

"I had been up there camping with my wife once and she said, 'I'd like to take a swim in this lake -- there are no creepy crawlies in it, are there?' I said, 'No problem.' Well, she just put her foot in there and all these leeches headed for her foot," said Hall.

The researchers devised a cylindrical container to carry five

Fung is now looking to the future. An agent in Los Angeles is helping to build a budding career as an actress and model. And as a coach, she has been able to attract students from as far away as California and New York.

Some of these students, she said, have a good chance of competing in future Olympic games.

leeches. A series of the containers were suspended in the river for a week.

Results showed the leeches had absorbed levels of chlorophenols in parts per million, which Hall said, is "a relatively high level of pollution to accumulate in just one week."

"More work needs to be done but these findings indicate that indeed leeches are good organisms to concentrate chlorophenols," said Hall. "I like to refer to the leech as an environmental policeman because you can hang him out in the environment for a long period of time and he'll absorb interesting information."

Previous studies had shown that quantities of chlorophenols often are determined by rainfall because rain washes the toxic chemicals off the lumber and transports them into the river. However, tides and currents in the river swirl the chemicals around and make it difficult for scientists to monitor them on an intermittent basis, said Hall.

People

# Frost awarded 3M Fellowship



Frost

Commerce professor **Peter Frost** has been awarded one of 10 3M Teaching Fellowships by 3M Canada Inc. and the Society for Teaching and Learning in Higher Education (STLHE).

Frost was selected out of 113 nominations from 44 Canadian universities.

The jointly sponsored fellowships, offered for the first time in 1986, recognize university educators who are committed to, and excel in, university teaching and provide educational leadership for their colleagues.

Frost is the only recipient from UBC. Winners receive a citation and presentation from 3M Canada at a special retreat on teaching and learning to be held at the Chateau Montebello in Quebec, in November.

STLHE is an association of academics interested in improving the quality of instruction in colleges and universities. It joined with 3M Canada, a multi-national corporation headquartered in Minneapolis, in 1984 to encourage good teaching at Canadian universities.

**Gordon Munro**, a professor of economics specializing in natural resources, has

been decorated by Peruvian President Alan Garcia Perez for his work in fostering economic co-operation among the developing countries of the Pacific.

The Order of Merit for Distinguished Service was awarded to Munro Oct. 1 in Lima, Peru by the vice-minister of foreign affairs, Felipe Valdivieso.

Munro recently helped organize a conference in Lima, sponsored by the Peruvian Fisheries Ministry, to develop practical fisheries co-operation between Pacific Latin America and Pacific island nations.

He is co-ordinator of the Task Force on Fisheries Development and Co-operation for the Pacific Economic Co-operation Conference.



Splane

**Richard B. Splane**, professor emeritus of the School of Social Work, received an honorary degree from Wilfrid Laurier University in Waterloo, Ont., on Oct. 30.

Splane, who has been called Canada's most distinguished social worker, was awarded an honorary Doctor of Laws in recognition of his national and international contributions to the field of social welfare.

A senior civil servant in Health and Welfare Canada from 1952 to 1972, Splane taught social

administration and social policy at UBC from 1973-1984.

He was a member of the United Nations expert group on social welfare policy and planning in 1973 and a member of the executive committee of the International Council on Social Welfare from 1976 to 1982.

Splane was awarded the Centennial Medal of Canada in 1966 and the first award of the Canadian Association of Social Workers in 1981.

He is now conducting an international study on health policy in 40 countries in collaboration with his wife, **Verna Huffman Splane**. He recently completed a two-year term as the first president of the North American Regional Association of Schools of Social Work.



Watt

**Norman Watt**, director of Extra Sessional Studies, has been appointed president of the North American Association of Summer Sessions (NAASS), which has more than 450 institutions as members.

Watt, a summer session administrator for 24 years, has served on numerous NAASS committees, including ethics and standards, finance, and membership.

He is a former regional vice-president and a past president of the Western Association of

Summer Sessions Administrators (WASSA). In 1982, he hosted the joint NAASS/WASSA meeting in Vancouver.

Civil engineering professor **Denis Russell** recently received the 1988 Editorial Board Award from the Association of Professional Engineers of B.C. for the best article published in the association's monthly journal, *The B.C. Professional Engineer*.

Co-authored by **Nigel Skermer**, "28th of October" described two floods along the Howe Sound that coincidentally happened on the same day, Oct. 28, 60 years apart. The first was at Britannia Mine in 1921, the second was the M Creek disaster in 1981.

**Vladimir Krajina**, a retired professor of plant ecology at UBC, was given a national award by the Canadian Council of Ecological Areas at the council's recent annual meeting in Charlottetown. The award, presented by Environment Minister **Tom McMillan**, recognizes Krajina's part in the creation of the Ecological Reserves Act in B.C. in 1971. The province has more than 100 reserves -- one of the largest is named after Krajina -- and other provinces have introduced similar programs.

WED., NOV. 16

Lectures Committee  
French Seminar

From Chretien de Troyes to the Lancelot-Grail Cycle. Prof. Elspeth Kennedy, President, International Arthurian Society, Oxford U., England. For information call 228-4036. Room 826, Buchanan Tower. 9:30 a.m.

Lectures Committee  
French Lecture

Failure in Arthurian Romance. Prof. Elspeth Kennedy, President, International Arthurian Society, Oxford U., England. For information call 228-4036. Room D244, Buchanan Bldg. 12:30 p.m.

Geophysics/Geology Seminar

Seismicity and Lithospheric Structure Along the Trans-Alaska Crustal Transect, Chugach Mountains - Cooper River Basin, Southern Alaska. Dr. Robert Page, U.S. Geological Survey, Menlo Park Ca. Coffee available. For information call 228-5406. Room 260, Geophysics & Astronomy Bldg. 4 p.m.

Recital

Jane Coop, Robert Silverman, duo pianos. Admission \$2. For information call 228-3113. Recital Hall, Music Bldg. 12:30 p.m.

Ecology Seminar

Enhancement of Marine Nearshore Food Webs by Kelp: Another Sea Otter Scenario? Charles A. Simenstad, Fisheries Institute, U. of Washington. For information call 228-4329. Room 2449, Biological Sciences Bldg. 4:30 p.m.

Academic Lecture

Psychopharmacological (Combination of Psychological and Drugs) - Treatment of Panic Disorder. Dr. Leslie Solym, MRC Psych, Dept. of Psychiatry, UBC - Shaughnessy Site. For information call 875-2025. Room D.308. Acute Care Bldg., Shaughnessy Hospital.

Forestry Seminar

Forestry in Northern China. Mr. Jack Louie, Ministry of Forestry. For information call 228-2507 or 228-4166. Room 166, MacMillan Bldg. 12:30 p.m. -1:30 p.m.

THURSDAY, NOV. 17

Information Session

UBC Academic Exchange Programs for 1989-90. Opportunities to study abroad (USA, Japan, Denmark, China). UBC undergraduates and graduate students. For information call 228-3114. Seminar Room 604, Asian Centre. 4:30-5:30 p.m.

University Singers

James Fankhauser, director. Free admission. For information call 228-3113. Recital Hall, Music Bldg. 12:30 p.m.

An Evening of Opera

French Tickner, director. Free admission. For information call 228-3113. Old Auditorium 8 p.m.

Guest Lecture - Planning Lecture

Sustainable Forestry Development. Clay Perry, Legislative Director, IWA. For information call 228-5326. Room 105, Lasserre Bldg. 12:30 p.m.

Workshop

Part 2. Creative Techniques for Reduction of Stress & Anxiety. (3 Sessions) An experiential workshop designed to introduce participants to methods of using imagery dreams and journal writing for the purpose of reducing stress. For information call 228-2415. Registration required. Women Students' Office, Brock 106 A,B & C. 12:30 - 2:30 p.m.

Panel Discussion

Bakhtin's Literacy Theory. L. Brinton, R. Cavell, G. Deer, E. Gose, K. Stockholder, English, UBC. For information call 875-5122. Room 597, Buchanan Tower. 3 p.m.

FRIDAY, NOV. 18

Pediatric Grand Rounds

Epidermolysis Bullosa - Recent Developments in Etiology & Management. Dr. Andrew Lin, Assistant Prof., Dept. of Dermatology, Rockefeller U., N.Y. For information call 875-2117. Auditorium, G.F. Strong Hospital, 26th Ave & Laurel St. 9 a.m.

Medieval Studies Lecture

Children and Adults in Medieval Germanic Jewry: A Perspective on Aries' Centuries of Childhood from Jewish Sources. Prof. Israel Ta-Shma, Dept. of Talmud, Hebrew U. of Jerusalem. For information call 228-5825. Room A106, Buchanan Bldg. 12:30 p.m.

UBC Chamber Strings

John Loban, director. Free admission. For information call 228-3113. Recital Hall, Music Bldg. 12:30 p.m.

University Singers

James Fankhauser, director. Free admission. For information call 228-3113. Recital Hall, Music Bldg. 8 p.m.

Medical Genetics Seminar

Clinical Case Presentations. Clinical Geneticists, Grace Hospital. For information call 228-5311. Parentcraft Room, Main Floor, Grace Hospital, 4490 Oak St. 1 p.m.

Health Care Rounds

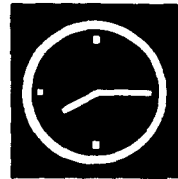
Physician Practice Profiles. Drs. Sam Sheps and Martin Schechter, UBC. For information call 228-2772. Room 253, James Mather Bldg. 9 - 10 a.m.

SATURDAY, NOV. 19

UBC Opera Workshop

An Evening of Opera. French Tickner, director. Free admission. For information call 228-3113. Old Auditorium 8 p.m.

THE VANCOUVER INSTITUTE



Saturday, Nov. 12

Nietzsche and Wagner: Their Oeuvres and Personalities. Dr. Gottfried Heilich Wagner, Author, Journalist, Stage Director, Milan, Italy.

Saturday, Nov. 19

Men of the Andes and Seals of Antarctica. Prof. Peter W. Hochachka, Dept. of Zoology, UBC.

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

NOTICES

November Book Sale

Sat. Nov. 12-Sat. Nov. 26. Regular Bookstore hours - Mon, Tues, Thurs, & Fri: 8:30-5:00; Wed: 8:30-8:30; Sat: 9:30-5:00. For information call 228-4741. UBC Bookstore.

Parents Wanted

Couples with children between the ages of 5 and 12 are wanted for a project studying parenting. Participation involves the mother and father discussing common child-rearing problems and completing questionnaires concerning several aspects of family life. Participation will take about one hour. Evening appointments can be arranged. Interpretation of questionnaire is available on request. For further information, please contact Dr. C. Johnston, Clinical Psychology, UBC at 228-6771.

XVIII Medieval Workshop

Nov. 17-18 Education in Medieval Jewish Society. Keynote Speaker: Dr. Israel Ta-Shma, Hebrew U. For information call 228-5825. Room A106, Buchanan Bldg. All Thursday and Friday a.m.

Play

Nov. 7-11. The Braggart Soldier by Titus Maccius Plautus. For information and reservations call 228-2678. Main Stage, Frederic Wood Theatre. 8 p.m.

Play

Nov. 16-26. Jacques and His Master by Milan Kundera. Tickets \$10 Adults, \$7 Students/Seniors. For information and reservations call 228-2678. Frederic Wood Theatre 8 p.m. (Oct. 24 Matinee 2 p.m.)

Language Programs & Services

Non-credit daytime, evening and weekend programs in Conversational French begin the week of November 7. Also offered is course on Language Teaching Techniques. For more information call Language Programs and Services, Centre for Continuing Education, at 222-5227.

Walter Gage Toastmasters

Wednesdays. Public Speaking Club Meeting. Speeches and tabletopics. Guests are welcome. For information call 224-9976. Room 215, SUB. 7:30 p.m.

Language Exchange Program

Ongoing. Free service to match up people who want to exchange their language for another. For information call Mawela Shamalla at 228-5021.

Language Bank Program.

Free translation/interpretation services offered by international students and community in general. For information call Teresa Uyeno at 228-5021.

International House

E.S.L. Classes and Keep Fit Classes. All classes are free. For information call 228-5021.

Native Expressions

Every Tues. night at the Extra Extra Bistro, 3347 West Broadway, from 8:00-10:30 p.m. \$3.00 at the door. Native performers & creative artist on stage. For information call Kathy at 222-8940. Proceeds to First Nations' Student Fund. Opening night performance features David Campbell and Len George.

UBC Fine Arts Gallery

Oct. 4-Nov. 10. Recent Portraits: Fred Rosenberg (33 b/w photographs). Hours: Tues.-Fri. 1:00a.m.-5:00 p.m. Sat. 12 (noon) - 5 p.m.

Keep Fit Classes

Int'l House is looking for volunteers, certified Keep Fit instructors. Please call Vivian for further information at 228-5021.

Special Issue on Africa and the French Caribbean

Contemporary French Civilization is preparing a special issue on Francophone Africa and the Caribbean for 1989. Articles in English or French, 15-20

typed pages, on any contemporary culture/civilization topic in Africa or the Caribbean, must be submitted by March 1, 1989. For more information call Dr. Claude Bouyguies, 228-2879.

Teaching Kids to Share

Mothers with 2 children between 2 1/2 and 6 years of age are invited to participate in a free parent-education programme being evaluated in the Dept. of Psychology at UBC. The 5-session programme offers child development info and positive parenting strategies designed to help parents guide their children in the development of sharing and cooperative play skills. For further information call Georgia Tiedemann at the Sharing Project 228-6771.

Fitness Appraisal

Physical Education & Recreation, through the John M. Buchanan Fitness and Research Centre, is administering a physical fitness assessment program to students, faculty, staff and the general public. Approx. 1 hour, students \$25, all others \$30. For information call 228-4356.

Surplus Equipment Recycling Facility

All surplus items. For information call 228-2813. Every Wednesday 12 noon - 3 p.m. Task Force Bldg, 2352 Health Science Mall.

Neville Scarfe Children's Garden

Visit the Neville Scarfe Children's Garden located west of the Education Building. Open all year - free. Families interested in planting, weeding and watering in the garden contact Jo-Anne Naslund at 434-1081 or 228-3767.

Badminton Club

Faculty, Staff and Graduate Student Badminton Club meets Thursdays 8:30-10:30 p.m. and Fridays 6:30-8:30 p.m. in Gym A of the Robert Osborne Sports Centre. Cost is \$15 plus REC UBC card. For more information call Bernie 228-4025 or 731-9966.

Faculty Club Art Exhibition

Photographs by Bill Keay. Until Nov. 11th. For information call the Faculty Club at 228-2708.

Department of Psychology

Individuals 18 and older are needed for a research project on changes in memory across the adult life span. For information call Jo Ann Miller at 228-4772.

Nitobe Memorial Garden

Open 10:00 a.m.-3:00 p.m., Oct. 12 - Mar. 16, 1989. Monday - Friday Free.

Botanical Gardens

Open 10:00 a.m.-3:00 p.m., Oct. 12 - Mar. 16, 1989. Monday - Friday Free.



**SUNDAY, NOV. 6**

**Language Programs & Services**  
All-day conversational French program, 10 a.m. to 10 p.m. \$60 includes lunch and dinner. On-site registration in Room D339, Buchanan D Bldg. For more information call Language Programs and Services, Centre for Continuing Education at 222-5227.

**MONDAY, NOV. 7**

**Biochemical Seminar**  
Rod Outer Segment Phagocytosis: Is This A Receptor-Mediated Process? Dr. Michael Hall, UCLA. For information call Dr. R.S. Molday at 228-6173. Lecture Hall #4, IRC Bldg. 3:45 p.m.

**Film Showing**  
North by Northwest. Tickets \$2.50 each at door. For information call the Hotline at 224-3697. SUB Theatre, SUB. 7 & 9:30 p.m.

**Lectures Committee French Lecture**  
The Scribbling of Origins: A Reading of Balzac's Unknown Masterpiece. Prof. Josue Harari, Dept. of French, John Hopkins U. For information call 228-4036. Room D-244, Buchanan Bldg. 12:30 p.m.

**Lectures Committee French Seminar**  
Approches Critiques, Avec Application a Sarrasine de Balzac. Prof. Josue Harari, Dept. of French, John Hopkins U. For information call 228-4036. Room 826, Buchanan Tower. 4 p.m.

**Astronomy Seminar**  
Evolution of Protostellar Disk. Dr. Richard Larson, Yale U. For information call 228-4134. Coffee served. Room 260, Geophysics & Astronomy Bldg. 4 p.m.

**Mech 598 Seminar**  
The Cutting Characteristics of Band Saws - John Taylor, Graduate Student and Development of an Inverse Perturbation Based Dynamic Analysis Program - Instrum - Ellis Cha. For information call 228-4350. Room 1215, CEME Bldg. 3:30 p.m.

**Medicine Seminar**  
Another Voice Speaks Up - Professional Associations & Healthy Public Policy. Ted Bruce, Policy Analyst, Registered Nurses' Assoc. of B.C. For information call 228-2258. Room 253, Mather, 5804 Fairview. 4 - 5:30 p.m.

**Cancer Seminar**  
Studies of Human GM-CSF and Its Receptor. Dr. Colm Kelleher, BCCRC. For information call 877-6010. Lecture Theatre, B.C. Cancer Foundation, 601 W. 10th Ave. 12 - 1 p.m.

**TUESDAY, NOV. 8**

**Library Colloquium**  
The Documentation of Science and Technology. Helen Samuels, Institute Archivist & Head of Special Collections, Massachusetts Institute of Technology. For information call 228-2404 or 228-2898. Room 835, Main Library, North Wing. 11:30 a.m.

**Lectures Committee Music Lecture**  
Song and Story in the Medieval Monastic Office. Prof. Richard Crocker, Music History, U. of Berkeley, Ca. For information call 228-5683. Room 113, Music Bldg. 12:30 p.m.

**Asian Research Film**  
B&W - First in Satyajit Ray's Apu Trilogy: Panther Panchali. Free admission. 112 min. For information call 228-2746. Seminar Room 604, Asian Centre. 12:30 p.m. & 5:30 p.m.

**Graduate Student Seminar**  
Development of a Sensitive, Quantitative HPLC Assay for the Measurement of Digoxin in Patient Groups with High Digoxin-Like Immunoactive Substances. Leanne Embree, Ph.D., Candidate, Division of Pharmaceutical Chemistry. For information call 228-4887. Lecture Theatre #3, Instructional Resources Centre. 12:30 - 1:30 p.m.

**Assertiveness for Women - Basic**  
Free Workshop. An introduction to basic communication skills. Participants to learn more effective methods of expressing themselves and their needs in a wide range of social settings - from classroom to relationships. Enquiries 228-2415. Registration required. Brock 106A. 12:30 - 2 p.m.

# calendar

Nov. 6 - Nov. 19



These smiling workers from Corrections Canada were on display at UBC's Health Sciences Recruitment Fair to attract UBC grads to join up. Representatives from hospitals across the province sang the praises of their communities in an attempt to persuade students to work outside the Lower Mainland.

**CALENDAR DEADLINES**

For events in the period Nov. 20 to Dec. 10, notices must be submitted on proper Calendar forms no later than 4 p.m. on Tuesday Nov. 8 to the Community Relations Office, 6328 Memorial Rd., Room 207, Old Administration Building. For more information call 228-3131. The deadline is one day early due to the Remembrance Day holiday.

**Oceanography Seminar**  
Plumbing Geological Oceanographic Mysteries Near Papua: The Paclark Expedition to the West Woodlark Basin, South Western Pacific Ocean. Dr. R.L. Chase, UBC. For information call 228-5210. Room 1465, Bio-Sciences Bldg. 3:30 p.m.

**Botany Seminar**  
Fluorescence Microscopy on Earth and in Space. Dr. Emilia Klut, UBC. For information call 228-2133. Room 2000, Biological Sciences Bldg. 12:30 p.m.

**Chemistry Seminar**  
Studies in Biotechnology Synthesis and Biosynthesis of Biologically Active Compounds. Prof. J.P. Kutney, UBC. Refreshments served. Room 250 Chemistry Bldg. 1 p.m.

**WEDNESDAY, NOV. 9**

**Mathematics Seminar**  
Asymptotics of Infinite Horizon Optimal Control Problems. Dr. Malte Sieveking, Dept. of Mathematics, U. of Frankfurt, FRG. For information call 228-4584. Room 229, Mathematics Bldg. 3:45 p.m.

**Geophysics Seminar**  
A Multichannel Seismic Reflection Profile Across Juan de Fuca Ridge: Implications for Formation of Oceanic Crust. Dr. Kristin Rohr, Pacific Geoscience Centre, Sydney, B.C. Coffee available. For information call 228-5406. Room 260, Geophysics & Astronomy Bldg. 4 p.m.

**Recital**  
Alan Rinehart, guitar. Admission \$2. For information call 228-3113. Recital Hall, Music Bldg. 12:30 p.m.

**Ecology Seminar**  
Quantitative Genetics and Disease Resistance. Thomas Mitchell-Olds. Zoology, U. of Montana. For information call 228-4329. Room 2000, Biological Sciences Bldg. 4:30 p.m.

**Geography Colloquium**  
Geography in a Health Care Setting: Context, Culture and the Client. Isabel Dyck. For information call 228-2663. Room 201, Geography Bldg. 3:30 p.m.

**Public Lecture**  
Beyond Intentionalism and Functionalism: A Re-appraisal of Nazi Jewish Policy From 1929 to 1941. Christopher Browning, Prof. of History, Pacific Lutheran U., Tacoma. For information call 228-5825. Room A104, Buchanan Bldg. 12:30 p.m.

**THURSDAY, NOV. 10**

**Endocrinology Seminar**  
Physiological & Biochemical Determination of the Rat LH Surge. Dr. R. Lustig, Post-Doctoral Fellow in Neuroendocrinology, Rockefeller U., N.Y. For information call 875-2117. Room 1F10, Children's Hospital. 8 a.m.

**Philosophy Visiting Speaker**  
Radical Naturalistic Conceptions of Agency. Prof. Clifford A. Hooker, Dept. of Philosophy, U. of Newcastle (Australia). For information call 228-3292. Room D330, Buchanan Bldg. 4 p.m.

**Philosophy Lecture**  
Normative Issues in Macro-Economic Allocations of Health Care Systems. Prof. Clifford A. Hooker, Dept. of Philosophy, U. of Newcastle (Australia). For information call 228-3292. Room A102, Buchanan Bldg. 12:30 p.m.

**Special Lecture**  
Communicating the Gospel in a Multi-Media Age. Dr. Pauline Webb, Murrin Scholar in Residence. For information call 224-3245, local 321. Regent College. 11:30 a.m.-12:30 p.m.

**Murrin Lecture**  
The Role of the University in the Nuclear Age, UBC President David Strangway. Dr. Strangway will be discussing a recent meeting of university presidents in Talloires, France on this issue. For information call 228-6249. Room A104, Buchanan Bldg. 12:30 p.m.-1:20 p.m.

**Election Forum**  
W. Clarke (P.C. Quadra), G. Scott (NDP, Quadra), T. Enemark (Lib. Centre). For information call 228-5897. Room #2, IRC Bldg. 12:30-2 p.m.

**Biotechnology Seminar**  
Nuclear Retinoic Acid Receptors. Martin Petkovich, Laboratoire de Genetique, Moleculaire des Eucaryotes du CNRS. For information call 228-4838. Room #3, IRC Bldg. 4 p.m.

**Medical Grand Rounds**  
Fibrinolysis Update. Dr. C. Carter, Lab Medicine - Haematology, UBC. For information call Kathy Blackwood at 228-7737. Room G-279, HSCH - ACU. 12 noon

**Info Meeting**  
Information Meeting for 1st and 2nd Year Electrical Engineering Students. Janet Land, Acting Director, Cooperative Education Programs. For information call 228-3022. Room 200, Computer Science Bldg. 12:30 - 1:30 p.m.

**Collegium Musicum Ensembles**  
John Sawyer, Morna Russell, directors. Free Admission. For information call 228-3113. Recital Hall, Music Bldg. 12:30 & 8 p.m.

**Guest Lecture - Planning Lecture Series**  
Resettlement Along the Yangtze River: The Three Gorges Project. Fred Dawes, Head, Human Settlements Division, Canadian International Development Agency. For information call 228-5326. Room 105, Lasserre Bldg. 12:30 p.m.

**Workshop**  
Part 1. Creative Techniques for Reduction of Stress & Anxiety. (3 Sessions) An experiential workshop designed to introduce participants to methods of using imagery dreams and journal writing for the purpose of reducing stress. For information call 228-2415. Registration required. Women Students' Office, Brock 106 A,B & C. 12:30 - 2:30 p.m.

**Physics Colloquium**  
Wimps & Dark Matter. G. West, Los Alamos National Lab. For information call 228-3853. Room 201, Hennings Bldg. 4 p.m.

**Fine Arts Guest Lecture**  
Learning from Mt. Hua: Wang Lu's Painting and Theory. Kathryn Liscomb, Dept. of History in Art, U. of Victoria. For information call 228-2757 or 228-4306. Room 102, Lasserre Bldg. 12:30-1:30 p.m.

**Burgess-Lane Memorial Lecture**  
The Changing Directions in Labor Management Relations. Mr. Donald A. Saunders, Chairman & CEO of Forest Industrial Relations Ltd. & the Pulp & Paper Industrial Relations Bureau. For information call 228-4935. Room 166, MacMillan Bldg. 12:30 p.m.-1:30 p.m.

**FRIDAY, NOV. 11**

**Remembrance Day Service**  
Rev. Alan Reynolds - Minister, University Hill. Congregation will conduct service, address by Professor Emeritus Robert F. Osborne, Scripture will be read by President David Strangway. For information call Joan King at 228-2484. Foyer, War Memorial Gym, UBC Campus. 10 a.m. Troop Inspections. 10:45 a.m. - Service

**MONDAY, NOV. 14**

**Mathematics/Management Science Seminar**  
Travelling Salesman Polytope: Use in Solving Large Travelling Salesman Problems and Associated Mathematical Challenges. Dr. Denis Naddef, Artemis-Imag., U. of Grenoble, France. For information call 228-4584. Room 229, Mathematics Bldg. 3:45 p.m.

**Biochemical Seminar**  
Structure-Function of Cytochrome C by Semisynthesis. Dr. Carmichael Wallace, Dalhousie, Halifax. For information call Dr. Ian Clark-Lewis at 228-7810. Lecture Hall #4, IRC Bldg. 3:45 p.m.

**Lectures Committee History Lecture**  
Maps, Land and Society in Early Modern England. Sarah Bendall, Emmanuel College, Cambridge. For information call 228-5163. Room A-106, Buchanan Bldg. 12:30 p.m.

**Lectures Committee History Seminar**  
The Rise of the Surveying Profession in England, 1600-1850. Sarah Bendall, Emmanuel College, Cambridge. For information call 228-5163. Room B316, Buchanan Bldg. 3:30 p.m.

**Film Showing**  
Orson Welles' The Magnificent Ambersons. Tickets are \$2.50 each at door. For information call the Hotline at 224-3697. SUB Theatre, SUB. 7 & 9:30 p.m.

**Percussion Ensemble**  
John Rudolph, Director. Free admission. For information call 228-3113. Recital Hall, Music Bldg. 12:30 p.m.

**Astronomy Seminar**  
Stellar Content of Young Star Clusters in the LMC. Dr. Rebecca Elson, Institute for Advanced Studies. Coffee served. For information call 228-4134. Room 260, Geophysics & Astronomy Bldg. 4 p.m.

**Dow Lecture**  
Tools and Rules for the Determination of Chemical Structures by Tandem Mass Spectrometry. Prof. Christie G. Enke, Dept. of Chemistry, Michigan State U. For information call 228-3299. Room 225, Chemistry Bldg. 2:30 p.m.

**Cancer Seminar**  
Cohort Study of Aluminum Workers in Kitimat. Mr. John Spinelli, BCCRC. For information call 877-6010. Lecture Theatre, B.C. Cancer Foundation, 601 W. 10th Ave. 12 - 1 p.m.

**TUESDAY, NOV. 15**

**Film Showing**  
For English 100 - Frankenstein (30's version). Tickets \$2.50 each at door. For information call the Hotline at 224-3697. UBC Theatre, SUB. 12:40, 7 & 9:30 p.m.

**Live Teleconference via Satellite**  
1. The Uniqueness of University Education. 2. How to Strengthen the University Academically. 3. What Should be Taught in the University Today. What is it Worth? Dr. Lloyd Elliot, Former president of George Washington U. 1965-1988, currently president, National Geographic Society Education Fdn. Additional information available by fax at (604) 687-6656. 8 a.m. - 1 p.m.

**Oceanography Seminar**  
Ice Ages, Carbon Dioxide, Trade Winds and Plankton: Intimate Linkages. T.F. Pederson, UBC. For information call Dr. S.E. Calvert at 228-5210. Room 1465, Bioscience Bldg. 3:30 p.m.

**Faculty Women's Club**  
Extraordinary General Meeting. The Free Trade Agreement. Dr. Robert Clark, retired member of Economics Department at UBC. If you wish to attend call Margaret Quick at 224-8895 or 261-7851. Open to members, spouses and guests. Cecil Green Park House. 7:30 p.m.

**Asian Research Film**  
Zen Buddhism - Documentary. Satori In The Right Cortex. Free admission. 29 mins. For information call 228-2746. Auditorium, Asian Centre. 12:30 and 5:30 p.m.

**Faculty Concert Series**  
Geoffrey Michaels, violin; Charles Abramovic, piano. Tickets \$8 - Adults, \$4 - Students/Seniors. Information lecture 7:30 p.m. For information call 228-3113. Recital Hall, Music Bldg. 8 p.m.

**Botany Seminar**  
Aspects of Iron and Nitrogen Nutrition of Red Tide Dinoflagellates. Greg Doucette, UBC. For information call 228-2133. Room 2000, Biological Sciences Bldg. 12:30 p.m.

**Dow Lecture**  
Time-of-Flight Mass Spectrometry: Meeting Chromatography's Challenge. Prof. Christie G. Enke, Dept. of Chemistry, Michigan State U. Refreshments served. For information call 228-3299. Room 250, Chemistry Bldg. 1 p.m.

UBC Reports is published every second Thursday by the UBC Community Relations Office, 6328 Memorial Rd., Vancouver, B.C., V6T 1W5. Telephone 228-3131.  
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