

UBC Reports

Volume 31, Number 2

January 23, 1985

Faculty vote in favor of agreement revisions

The UBC Faculty Association has voted overwhelmingly in favor of ratifying revisions to the Framework Agreement for Collective Bargaining, the document which regulates formal relationships between faculty members and the administration.

In a total vote of 688 members of the bargaining unit, 87.6 per cent (603) voted in favor of the amendments, 11.8 per cent (81) voted against and there were four spoiled ballots.

The revised agreement must also be approved by UBC's Board of Governors,

which next meets on Feb. 7.

The Framework Agreement, which establishes a set of procedures for bargaining outside the B.C. Labour Code, continues to include a section that prohibits strikes by the faculty and lockouts by the University.

Major changes agreed to by the University and the Association in bargaining that began in February, 1984 are:

- A three-person arbitration panel replaces the present single arbitrator on salary matters;

- The decision of the panel is binding if unanimous; if the decision is not unanimous, the arbitrator's decision can be rejected by the UBC Board of Governors;

- If the arbitration award is rejected by the Board, the items which are awarded unanimously are binding and total compensation to the faculty shall be no less favorable than that proposed in writing by the University during negotiations.

- The criteria to be used by the

arbitration board in considering salary awards are specified in some detail.

Other framework agreement amendments relate to the following:

Discretionary Funds: In a year in which no general salary increase is negotiated, the president may allocate limited discretionary increases after informing the Faculty Association;

Grievance Procedures: Grievances concerning administrative appointments are now specifically excluded from the agreement.



Currently on display in UBC's Asian Centre is a replica of Thailand's equivalent of England's Magna Carta. The late 13th-century stone pillar has inscribed on it information about the Thai alphabet developed by King Ramkhamhaeng the Great. A Thai princess presented the replica to President George Pedersen during his pre-Christmas visit to Southeast Asia in recognition of UBC's promotion of the Thai language.

Education faculty suspends admission to first year

UBC's Faculty of Education plans to begin implementing in 1986 revised admission and program requirements for its two major undergraduate degrees — the Bachelor of Education for those planning to teach in elementary and secondary schools.

As part of a plan to implement the new requirements, the education faculty received approval Wednesday (Jan. 16) from UBC's Senate to suspend admission in September, 1985 to the first year of Bachelor of Education degree programs. The proposal also requires the approval of UBC's Board of Governors, which next meets on Feb. 7.

The fact that no new students will be enrolled in first year in September should not cause any disruption in the studies of students who intend to enter the teaching profession, Senate was told by Dr. Daniel Birch, dean of UBC's Faculty of Education.

"At present," he said, "the majority of B.Ed. students begin their University studies enrolled in other degree programs and transfer into the education faculty after a year or more of study and many regional college students will still transfer into second or third year of the B.Ed. program.

"Most year one students — there are 93 this year — who are currently enrolled for the B.Ed. degree take all their courses in the Faculties of Arts or Science."

Dean Birch added: "Those students who planned to enrol in the first year of the B.Ed. program in September, 1985 should register in some other appropriate UBC faculty in anticipation that they will be able to enter the Faculty of Education later, providing they meet the requirements that will be implemented in 1986."

He said approval would be sought for the revised admission and degree requirements at forthcoming 1985 Senate meetings.

Dean Birch also told Senate that the education faculty "does not at this time have assurance of the resources required to maintain all programs in special education." As a result, no new students will be admitted to the first or

second years of the B.Ed. degree program in special education, which trains teachers to deal with the mildly handicapped.

However, students currently enrolled in the program and those accepted for transfer to the third year will be provided with a full program if they progress toward degree completion at a reasonable rate, he said. The dean expressed a commitment to teacher education for special needs children and the hope that new students will be admitted in 1986.

New dates set for Open House

UBC's 1985 Open House, scheduled for March 8, 9 and 10, has been postponed until October, when it will be staged as part of National Universities Week.

The first National Universities Week, organized by the Association of Universities and Colleges of Canada, was held in 1983. Following the successful completion of the first NUW, a national committee co-chaired by UBC president Dr. George Pedersen recommended that the event continue every other year.

In announcing the postponement, President Pedersen said it would be more efficient, both financially and in terms of human resources, to stage a single UBC event as part of a national program of university community relations, rather than two separate events.

He said it was proposed that the faculties which were scheduled to stage the March event — Arts, Science, Education, Law and Commerce — would be open to the public on Oct. 25, 26 and 27.

\$1 million gift

David Lam library in Commerce opens

A major research facility for the business community will be officially opened at UBC tomorrow (Jan. 24). The David Lam Management Research Library will be the first of its kind in Canada and will be available to business researchers at UBC or in the private or public sectors.

Research materials and staffing of the library have been made possible through a \$1 million gift from Vancouver businessman David Lam and his family.

Mr. Lam, well-known in the Canadian real estate industry, was recently appointed to the Bank of B.C.'s board of directors and this week returned from a business trip to Hong Kong on behalf of the bank. He says he is making the gift as a visible expression of his gratitude to Canada and B.C. for the opportunities he has enjoyed here as an immigrant from Hong Kong.

Mr. Lam took a diploma in the appraisal option of the Faculty of Commerce and Business Administration's urban land economics course at UBC in 1972, and his daughter Doreen graduated with a bachelor of commerce degree from the University last year.

Taking part in the ceremony in addition to Mr. Lam will be UBC chancellor Robert Wyman, UBC President George Pedersen, chairman of UBC's Board of Governors David McLean, Dean Peter Lusztig of the Faculty of Commerce and Business Administration, and Mr. R. Bev Harrison,

chairman of the faculty's advisory council.

Major users of the library are expected to include faculty members, graduate students, senior undergraduates as well as researchers in the business community outside of the University.

The library is on the third floor of the Angus Building.

Donner grant aids native education

A three-year grant totalling \$55,500 has been approved by the Donner Canadian Foundation to help fund a Master of Education program in Educational Administration for native Indians at UBC.

Prof. Verna Kirkness, director of native Indian education at UBC, said the grant would make it possible to expand the administrative program, thereby creating further opportunities for graduates of UBC's Native Indian Teacher Education Program (NITEP) as well as for other native Indian students in B.C. and the rest of Canada.

The master's program, the only one offered in Canada, was introduced by UBC in September of 1984, with four full-time students. Enrolment is expected to increase to 11 in 1985-86.

Prof. Kirkness said a significant number of NITEP grads now have had several years of teaching experience, and some are school principals. Their need is for further education in administration. She said students need on-site experience in both native Indian and urban administrative settings.

"Native Indian people are taking charge of their educational systems," she said. "Inherent in this is the need for qualified administrators who can bring to these positions special expertise as well as the life experience of being a native Indian."

Prof. Kirkness said the Donner grant is most welcome. "The money will be used for the continuing development and evaluation of the program," she said.

Institute series opens Saturday

Author Timothy Findley, Nobel Laureates David Hubel and William Fowler, and Vancouver Sun columnist Marjorie Nichols are just four of the speakers on the roster of the 1985 spring series of lectures sponsored by the Vancouver Institute.

The lectures, which are free and open to the public, take place in Lecture Hall 2 of the Woodward Instructional Resources Centre on the UBC campus at 8:15 p.m.

The series opens on Saturday, Jan. 26, with a talk on "Asian Archaeology: Recent Discoveries" by UBC anthropology professor Richard Pearson. The series continues until Mar. 30 with Michael McCrum of Cambridge University giving the final lecture on "Elitism, Egalitarianism and Excellence."

A brochure listing all the Institute lectures is available by calling 228-3131.



Two long-time members of UBC's French department, Profs. Ruth White and Larry Bongie, were the recipients of decorations from the French government at a Faculty Club ceremony last week. For services to French culture Prof. White became a Knight of the Order of Academic Palms while Prof. Bongie was named an Officer of the Order. The award, which is made to French and foreign academics, was established early in the 19th century by Napoleon.

Science offers help for ailing forest industry

Biotechnology, an area with tremendous potential for Canada's ailing forest industry, will be the subject of an international conference being organized by UBC's Faculty of Forestry Feb. 21 and 22.

The conference, sponsored by the Science Council of Canada, will explore the application of biotechnology, gene splicing and genetic engineering to the nation's leading industry.

Biotechnology has already had a significant impact on the agriculture, pharmaceutical and energy industries. "A dollar of science is worth 10 in the forest," is the succinct view of conference organizer Les Reed, former assistant deputy minister of the Canadian Forest Service. Mr. Reed is now a professor of forestry at UBC under a special arrangement with the Natural Sciences and Engineering Research Council of Canada (NSERC).

The UBC conference will be the first of its kind held in Canada. "Canada is the leading forestry nation in the world," said Prof. Reed. "We have to direct more scientific research to its problems, especially those related to our timber supply."

Leading researchers from Scandinavia, the U.S. and Canada will participate in the conference.

"We're also going to invite some of the best young graduate students in Canada," said Prof. Reed. "Many of them haven't made up their minds about the area of research they are going to pursue yet. If we can turn on their enthusiasm we will have a generation of scientists applying biotechnology to forestry."

NSERC is providing \$12,000 for the travel expenses of about 15 graduate students invited to the conference.

Make the most of your leisure time with Recreation UBC

Sonya Van Niekerk believes strongly that not everything learned at a university should be directed toward a degree.

She also believes strongly in the Dictionary of Canadian English definition of recreation: "Any form of play, amusement, or relaxation intended to refresh the body or mind, especially after work."

Guided by these beliefs, Miss Van Niekerk has widened the scope of Recreation UBC since taking over as coordinator in 1983, and she is looking forward to even further expansion.

Although Rec UBC will still teach you how to play tennis, squash or racquetball, it will also explain the techniques of backpacking, take you to an advanced level of dance, see that you can handle a kayak, or teach you the bidding strategies of contract bridge.

Miss Van Niekerk also plans to add a program on survival techniques, a decision she made after a wilderness adventure in northern B.C. over the Christmas break. She and three colleagues from the School of Physical Education and Recreation had to spend a night in an unwinterized cabin east of Barkerville when temperatures in the area dropped to 59 degrees below zero.

"As I huddled in my sleeping bag I realized that the one thing that was missing from the wilderness activities program of Recreation UBC was a component on survival techniques," she said.

New to UBC is the Rec UBC outdoor equipment rental shop, which offers the best available — from mountain bikes to kayaks and all that's necessary for safe backpacking and tenting. It's located now in the Osborne Centre but will move soon to the War Memorial Gym.

Miss Van Niekerk, who attended university in South Africa before earning

a teaching diploma at Rhodes University in Rhodesia (now Zimbabwe), has taught dance at the post-secondary level for 17 years, the last six at UBC.

She still teaches three sections of Physical Education 242 but now spends most of her University time with Rec UBC, which she feels gives students, faculty and staff the opportunity to attain proficiency in a variety of activities at minimal cost.

Factors in the low charges for Rec UBC courses include the non-profit nature of the service and the fact that no rent is paid for gyms and other campus facilities. Rec UBC instructors, however, are among the best.

Teaching dance is Garry Semeniuk of Canada's National Ballet, and bridge instructor Allan Graves brings to his classes the experience gained internationally as a member of Canada's national team. Martial arts instructor Shoyou Liang from China, whose chair at UBC is sponsored by Vancouver's Chinese professional community, is one of only 17 grand masters in the world.

Miss Van Niekerk said some of the more popular courses help offset losses sustained in others, and that overall this year Rec UBC is 90 per cent self-supporting. "Next year, I hope, we'll be completely in the clear."

Fitness classes within Rec UBC have a total enrolment of more than 350, many of them women doing strength training.

"Fitness has become a cult on the West Coast," said Miss Van Niekerk, "and most of the gyms in Vancouver are full. Strength training is a new phase of this, but please don't confuse it with body building."

All Rec UBC courses are open to students, faculty, staff, alumni and spouses, with some also available to the general community. All but students and their spouses pay a \$35 annual membership fee.

Computing facility set up in Law

The legal profession in Canada should be signing on to the computer age. That's the feeling of Robert Franson of UBC's Faculty of Law. Mr. Franson, who teaches a course on computers and the law and who has been instrumental in the recent development of a computer laboratory in UBC's Law Building, says computers could have a dramatic effect on the efficient administration of justice in Canada.

"In the past 30 years a much more complex, intricate system of laws has emerged in Canada. The legal profession is ready for computer technology and the opportunities it presents for the creation of data bases of case law, the exchange of expertise between professionals, and continuing legal education and computer-assisted instruction for lawyers and law students.

Mr. Franson says that although computerized data bases of case law have been in existence since 1970, when Hugh Lawford, a Queen's University professor, developed a case law computer program called Quik-Law, little advancement has taken place since.

"Aside from word processing and accounting, the legal profession has not taken advantage of the advances in computer technology that have occurred in the past decade," he says. "We're hoping the initiatives we're taking at



Robert Franson

UBC will increase knowledge and understanding in this area."

The Faculty of Law received grants totalling \$65,000 from UBC and the Law Foundation of B.C. to purchase equipment for a computer lab which will be completely in place in the Curtis Building by September.

The facility will have 10 personal computers, which will be used for the most part by students taking Law 422, a course on Computers and the Law. "Unfortunately, it won't be feasible to open the lab to all students because of its limited size, but we're seeking additional funding which would make it possible to expand the facility," said Prof. Franson.

"I think it's crucial that we familiarize our students with computers and how they can apply the technology to their profession," says Mr. Franson. "The computers will also be used by faculty members to develop computer-assisted instruction for students, data bases of expertise and programs to guide students in legal research."

He adds that computer technology and its development can open new lines of communication between UBC's law school and the legal profession.

"We've had a lot of interest and enthusiasm about our work from legal organizations," says Mr. Franson. "The court system is faced with increasing backlogs and longer and more complex trials. Computer-assisted evidence retrieval, document management and automated transcription could significantly improve service in our courts."

Sportsfest '85 set for Feb. 3

Sportsfest '85, a sports day organized by students in UBC's School of Rehabilitation Medicine for 100 disabled and able-bodied young people, takes place on Sunday, Feb. 3.

Each disabled youth will be paired with an able-bodied youth between the ages of eight and 18, and they will participate as a team in a variety of special events.

"In addition to being a day of fun, we hope Sportsfest '85 will raise public awareness about the potential and need for sport opportunities for disabled youths," said coordinator Karen da Silva.

Sportsfest '85 will be held in the Thunderbird Winter Sports Centre from 9:45 a.m. to 3 p.m. For more information, call 733-9377 or 224-1115.

Thank you ...

Food Services director Christine Samson sends her thanks to members of the UBC community who donated more than \$1,300 worth of food during a food drive held on campus last month.

The week-long drive was sponsored by Food Services, the Alma Mater Society and Student Housing.

Housing opened to campus visitors

There is now room at the inn.

For many years UBC's Department of Student Housing and Conferences has had to turn away requests from campus departments for accommodation for visitors during the winter session because of a shortage of on-campus housing for students. But with the addition of the new apartment building being constructed in the Walter Gage Residence, a number of suites in the old Gage lowrise are now being set aside for campus visitors. The suites will be available in September and Student Housing is now taking reservations for the 1985-86 season. For details, call 228-5441.

Senate rejects motion on guaranteed program completion

UBC's Senate last week rejected a proposal that would have guaranteed that students would be allowed to complete an existing academic program if that program had to be eliminated in a financial emergency.

Debate on the motion, proposed by Convocation Senator Grant Burnyeat, centred on whether the motion was advisory or mandatory. Mr. Burnyeat

told Senate he considered it mandatory.

A number of Senators said the motion would have the effect of "tying Senate's hands" in that it would limit Senate's options for making recommendations to the president in the event of a financial emergency.

Following defeat of the Burnyeat motion, Senate approved the following

statement, proposed by Prof. Jonathan Wisenthal of the English department: "Although the University cannot give an absolute commitment that it will never discontinue a program before students have completed it, the University should make every responsible effort to allow students to complete the program in which they are enrolled."

UBC CALENDAR

CALENDAR DEADLINES

For events in the weeks of Feb. 10 and Feb. 17, material must be submitted not later than 4 p.m. on Thursday, Jan. 31. Send notices to UBC Community Relations, 6328 Memorial Road (Old Administration Building.) For further information, call 228-3131.

The Vancouver Institute

Saturday, Jan. 26

Asian Archaeology: Recent Discoveries. Prof. Richard Pearson, Anthropology, UBC.

Saturday, Feb. 2

Dal Grauer Memorial Lecture. Matter Over Mind: The Imagination in Jeopardy. Timothy Findley, author.

Lecture Hall 2, Woodward Instructional Resources Centre, 8:15 p.m. Admission is free.

SUNDAY, JAN. 27

Purcell String Quartet.

Works by Mozart and Canadian composers. Recital Hall, 8 p.m.

MONDAY, JAN. 28

The Yucatan Miniature Pig as a Research Model.

Dr. Linda Panepinto, Swine Research Centre, University of Colorado. Colbeck Library, Department of Pathology, Shaughnessy Hospital, 9 a.m.

Dow Lecture in Chemistry.

Atomic Fluorescence Spectrometry - Why Use It? Prof. J.D. Winefordner, Chemistry, University of Florida. Room 225, Chemistry Building, 11:30 a.m.

UBC Collegium Musicum.

Music of the Renaissance. John Sawyer, director. Recital Hall, Music Building, 12:30 p.m.

Campus Crusade for Christ. Christian Emphasis Week.

Reasons to Believe: Is Life Absurd Without God? Michael Horner, graduate student, University of Toronto. Room 110, Angus Building, 12:30 p.m.

History Lecture.

Marriage, Divorce and Separation in 19th-Century England. Prof. James Hammerton, History, La Trobe University, Melbourne. Sponsored by the Committee on Lectures. Room A102, Buchanan Building, 12:30 p.m.

Mechanical Engineering Seminar.

Balls. G.V. Parkinson. Room 1202, Civil and Mechanical Engineering Building, 3:30 p.m.

The Pedersen Exchange.

The Pedersen Exchange is cancelled today. The exchanges normally take place at 3:30 p.m. each Monday in the Main Library.

Management Science Seminar.

A Polynomial Algorithm for B-Matchings (A Generalization of Weighted Matchings). R.P. Anstee, Mathematics, UBC. Room 426, Angus Building, 3:30 p.m.

History Seminar.

Marital Conflict and Social Class in Victorian England. Prof. James Hammerton, History, La Trobe University, Melbourne. Penthouse, Buchanan Building, 3:30 p.m.

Applied Mathematics/Statistics Workshop.

A Bayesian Method for Sequential Sampling and Forecasting in Agricultural Pest Management. Dr. Richard E. Plant, Mathematics, University of California at Davis. Room 229, Mathematics Building, 3:45 p.m.

Biochemistry Seminar.

The Respiratory Chains of *E. coli*. Dr. Phil Bragg, Biochemistry, UBC. Lecture Hall 4, Woodward Instructional Resources Centre, 4 p.m.

Campus Crusade for Christ. Christian Emphasis Week.

Analysis of the Evolution Creation Controversy. Dr. Charles Thaxton. Lecture Hall 3, Woodward Instructional Resources Centre, 7 p.m.

TUESDAY, JAN. 29

Campus Crusade for Christ. Christian Emphasis Week.

Reasons to Believe: Is There Scientific Evidence for God? Michael Horner, graduate student, University of Toronto. Room 110, Angus Building, 12:30 p.m.

Asian Films.

Revitalization of a National Culture and 5,000 Years of Korean Art. Admission is free. Room 604, Asian Centre, 12:30 p.m.

Botany Seminar.

Homeostats for the Maintenance of the Inorganic Content of Plant Cells. A.D.M. Glass, Botany, UBC. Room 3219, Biological Sciences Building, 12:30 p.m.

MOKAKIT Indian Education Research Association Lecture.

Locally Developed Native Studies Curriculum and Historical and Philosophical Rationale. Jo-ann Archibald, M.Ed., Stalo Nation. Room 203, Scarfe Building, 12:30 p.m.

Dow Chemistry Lecture.

Analytical Spectrometry - Where Has It Been and Where Is It Going? Prof. J. Winefordner, Chemistry, University of Florida. Room 250, Chemistry Building, 1 p.m.

Electrical Engineering Seminar.

New Wave Processors: The Design of a 20 MIP Micro. Dr. Paul Chow, Computer Systems Laboratory, Stanford University. Room 402, Electrical Engineering Building, 1:30 p.m.

Oceanography Seminar.

Kitsault Tailings and Alice Arm. Prof. R.W. Burling, Oceanography, UBC. Room 1465, Biological Sciences Building, 3:30 p.m.

Neuroscience Discussion Group Seminar.

Alcoholic Microcephaly: A Fetal Alcohol Exposure Effect? Dr. Herman Samson, Psychology Department and Alcoholism and Drug Abuse Institute, University of Washington, Seattle. Lecture Hall 3, Woodward Instructional Resources Centre, 4:30 p.m.

Campus Crusade for Christ. Christian Emphasis Week.

The Mystery of Life's Origin. Dr. Charles Thaxton. Lecture hall 2, Woodward Instructional Resources Centre, 7 p.m.

Dorothy Somerset Studio.

Shakespeare's *The Taming of the Shrew* opens tonight and continues until Feb. 2. For ticket information, call 228-2678. Dorothy Somerset Studio, 8 p.m.

WEDNESDAY, JAN. 30

Noon-Hour Concert.

Brahms' Piano Quartet, Op. 60. Gwen Thompson-Robinow, violin; Steven Dann, viola; Eric Wilson, cello; and Robert Silverman, piano. Recital Hall, Music Building, 12:30 p.m.

Campus Crusade for Christ. Christian Emphasis Week.

Reasons to Believe: Did Jesus Really Rise From the Dead? Michael Horner, graduate student, University of Toronto. Room 110, Angus Building, 12:30 p.m.

Poetry Reading.

Reading by Canadian poet, novelist, short story writer and critic George Bowering, author of some 40 books, including the novel *Burning Water*, the Governor-General's Award-winning *The Gangs of Kosmos*, and the recently published *Kerrisdale Elegies*. Sponsored by the Canada Council. Penthouse, Buchanan Building, 12:30 p.m.

Religious Studies Lecture.

The Russian Orthodox Church in the Soviet Period. Prof. Jane Ellis, Keston College, U.K. Room B325, Buchanan Building, 12:30 p.m.

Forestry Seminar.

Genetics and Ecological Aspects of Resistance to Gall Rust in Pine. Prof. B.J. van der Kamp, Forestry, UBC. Room 166, MacMillan Building, 12:30 p.m.

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UBC CALENDAR

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Geography Colloquium.

Periglacial Geomorphology of China. Cui Zhi-jiu, Universities of Beijing and Lanzhou. Room 201, Geography Building. 3:30 p.m.

Animal Resource Ecology Seminar.

The Science and Management of Surprise. Dr. C.S. Holling, Animal Resource Ecology, UBC. Room 2449, Biological Sciences Building. 4:30 p.m.

Campus Crusade for Christ. Christian Emphasis Week.

Which is the True Way? Leaders of the Buddhist, Sikh, Islam and Christian faiths. Lecture Hall 2, Woodward Instructional Resources Centre. 7 p.m.

THURSDAY, JAN. 31

Medical Grand Rounds.

Nasal Profundis Thunderundum - Symptoms and Treatment. Dr. John A. Fleetham, Medicine, UBC; and Dr. John Santamaria, Respiratory Medicine, UBC. Lecture Theatre Room G279, Acute Care Unit, Health Sciences Centre Hospital. 12 noon.

UBC Contemporary Players.

Stephen Chatman and Eugene Wilson, directors. Recital Hall, Music Building. 12:30 p.m.

Geological Sciences Lecture.

Great Walls and Loess Mantles: Travels in China. Dr. Mathews, Geology, UBC. Room 330A, Geological Sciences Building. 12:30 p.m.

Religious Studies Lecture.

Religious Rights in the Soviet Union. Prof. Philip Walters, research director, Keston College, U.K. Room A104, Buchanan Building. 12:30 p.m.

Condensed Matter Seminar.

I/f Noise: A New Hierarchy of Exponents for Fractals. A.M. Tremblay, University of Sherbrooke. Room 318, Hennings Building. 2:30 p.m.

Environmetrics Seminar.

North American Wet Deposition Data: Its Availability, Characteristics and Selection for Statistical Summaries. Tony Olsen, directory, Statistics Division, Battelle's Pacific NW Laboratory, Richland, Wash. Room 225, Mathematics Building. 3:30 p.m.

China Seminar.

Land Tenure in South China in the Qing Period. Prof. Edgar Wickberg, History, UBC. Room 604, Asian Centre. 3:30 p.m.

Physics Colloquium.

Models for Biological Membranes. Pieter Cullis, Biochemistry, UBC. Room 201, Hennings Building. 4 p.m.

Psychology Lecture.

Biased Perceptions and Perceptions of Bias. Dr. L. Ross, Psychology, Stanford University. Room 2510, Psychology Building. 4 p.m.

SUB Films.

Red Dawn and *Diva*. Continues until Feb. 3. Admission is \$1.50 per film. For more information, call 228-3697. SUB Auditorium. 7 p.m.

CUSO Development Education Series.

Multinationals: Controlling Interests in the Developing World. Third session of a 9-week series of films, discussions and speakers on topics related to international development. Admission is free. International House. 7:30 p.m.

Ben-Gurion University Lecture.

Isabella Leitner, survivor of Auschwitz, author of *Fragments of Isabella*. Lecture Hall 2, Woodward Instructional Resources Centre. 8 p.m.

Vancouver Society for Early Music.

Bach Sonatas and Partitas. Monica Huggett, baroque violin. Recital Hall, Music Building. 8 p.m.

FRIDAY, FEB. 1

Medical Genetics Seminar.

New Insights in the Marfan Syndrome. Dr. Reed Pyeritz, Johns Hopkins University, Baltimore, Md. Parentcraft Room, Grace Hospital. 1 p.m.

Linguistics Colloquium.

Semantic Markedness in Quilute. Prof. James Powell, Anthropology, UBC. Room D224, Buchanan Building. 3:30 p.m.

Psychology Lecture.

Overconfidence in Personal and Social Prediction. Dr. L. Ross, Psychology, Stanford University. Room 250, Psychology Building. 4 p.m.

Swimming/Diving Meet.

UBC vs. the University of Puget Sound. Aquatic Centre. 7 p.m.

Faculty Recital.

Music of J.S. Bach. Paul Douglas, flute; Karen Koch, oboe; Philip Tillotson, piano; with the Vancouver Baroque Ensemble. Recital Hall, Music Building. 8 p.m.

MONDAY, FEB. 4

The Pedersen Exchange.

An opportunity for members of the University community to meet with President George Pedersen to discuss matters of concern. People wishing to meet with the president should identify themselves to the receptionist in the librarian's office, which is immediately to the left of the main entrance to Main library. 3:30 to 5 p.m.

Biomembranes Discussion Group Seminar.

Chromaffin Vesicles and the Energetics of Non-Mitochondrial Organelles. Dr. David Njus, Wayne State University, Detroit, Mich. Lecture Hall 4, Woodward Instructional Resources Centre. 4 p.m.

Zoology "Physiology Group" Seminar.

Antifreeze Peptides in Fish: An Essential Biochemical Adaptation for Survival in Freezing Environments. Dr. C. Fletcher, Marine Sciences Research Lab., Memorial University of Newfoundland. Room 2449, Biological Sciences Building. 4:30 p.m.

TUESDAY, FEB. 5

Obstetrics & Gynecology Seminar.

Caffeine and the Developing Fetus. Dr. David Kitts, Food Science, UBC. Room 2N35, Grace Hospital. 12 noon.

Faculty Women's Club.

General meeting and film of Queen's visit to UBC in 1983. Cecil Green Park. 1 p.m.

Chemistry Lecture.

Dr. Anne Autor, Pulmonary Research Laboratory, St. Paul's Hospital. Room 250, Chemistry Building. 12:30 p.m.

Oceanography and Fisheries Seminar.

The Value of Oceanography to Fisheries Management, Prof. Tim Parsons, Oceanography, UBC; and Overvaluing Oceanography in Fisheries Management, Prof. Carl Walters, Animal Resource Ecology, UBC. Room 1465, Biological Sciences Building. 3:30 p.m.

Biochemical Discussion Group Seminar.

Tuning the Ribosome. Dr. C.G. Kurland, University of Uppsala, Sweden. Lecture Hall 1, Woodward Instructional Resources Centre. 4 p.m.

WEDNESDAY, FEB. 6

Noon-Hour Concert.

Music for Trumpet and Organ. Martin Berinbaum, trumpet, and Edward Norman, organ. Recital Hall, Music Building. 12:30 p.m.

Native Indian Education Discussion.

Exploring Alternatives for Native Indian Education. Native Indian Teacher Education Program panel discussion. Room 202, Scarfe Building. 12:30 p.m.

Poetry Reading.

Readings by Canadian poet and critic Eli Mandel, author of the Governor-General's Award-winning *An Idiot Joy*, *Stony Plain*, *Crusoe*, *Dreaming Backwards* and many others. Sponsored by the Canada Council. Room A102, Buchanan Building. 12:30 p.m.

Forestry Seminar.

The Importance of Fine Root Studies to Our Understanding of Forest Ecosystems. Dr. Kristina H. Vogt, College of Forest Resources, University of Washington. Room 166, MacMillan Building. 12:30 p.m.

Leisure and Cultural Studies Seminar.

Class and Leisure in Early Vancouver. Robert McDonald, History, UBC. Penthouse, Buchanan Building. 3:30 p.m.

Geography Colloquium.

On the Geographical Structure of Early Canada. Cole Harris, Geography, UBC. Room 201, Geography Building. 3:30 p.m.

Animal Resource Ecology Seminar.

Experimental Studies of Granivory in Desert Ecosystems. Dr. Dinah Davidson, Biology, University of Utah. Room 2449, Biological Sciences Building. 4:30 p.m.

Canadian Association for Information Science Lecture.

Designing and Automating Quality Assessment: Automated Academic Advisor. Dr. Nick Cercone, B.C. Research Conference Room. 7:30 p.m.

Cinemawest.

Major Barbara. Admission is \$1.50. SUB Auditorium. 7:30 p.m.

THURSDAY, FEB. 7

Medical Grand Rounds.

Medical Resonance Imaging of Knees. Dr. M.E. Adams, Medicine, UBC; and Dr. D. Li, Radiology, HSCB. Lecture Theatre Room G279, Acute Care Unit, Health Sciences Centre Hospital. 12 noon.

Faculty Recital.

Music of Purcell, Mozart, Tchaikovsky and Schoenberg. Eileen Broadie-Feay, mezzo-soprano. Recital Hall, Music Building. 12:30 p.m.

UBC Wind Symphony.

Ein Heldenleben by Strauss and Music of Grainger, Weinsweg and Curnow. Old Auditorium. 12:30 p.m.

Fine Arts Film.

A New Spirit in Painting: Six Painters of the 1980's. International Developments in Recent Painting. Lasserre Building. 12:30 p.m.

Noon-Hour Travels with Zoologists.

Yugoslavia - The Dalmatian Coast. Sandra Millen, Zoology. Room 2000, Biological Sciences Building. 12:30 p.m.

Music Lecture.

Speaker is noted Canadian avant garde composer Murray Schaffer. Recital Hall, Music Building. 2:30 p.m.

Condensed Matter Seminar.

Quantum Oscillations and Magnetic Feedback: Nearly Perfect Metal Crystals. Ren Yan-Ru, UBC. Room 318, Hennings Building. 2:30 p.m.

Geological Sciences Lecture.

Early Tertiary Tectonics of Western Vancouver Island. Dr. Mark Brandon, Pacific Geoscience Centre. Room 330A, Geological Sciences Building. 3:30 p.m.

Religious Studies Colloquium.

Church Union and the Canadian West. Prof. N. Keith Clifford, Religious Studies, UBC. Room B325, Buchanan Building. 3:30 p.m.

Biochemical Discussion Group Seminar.

Gene Synthesis: Nuts and Bolts. Dr. Mickey Urdea, Chiron Corporation, Emeryville, Ca. Lecture Hall 1, Woodward Instructional Resources Centre. 4 p.m.

SUB Films.

Purple Rain and *Electric Dreams*. Continues until Feb. 10. Admission is \$1.50 per film. For more information, call 228-3697. SUB Auditorium. 7 p.m.

CUSO Development Education Series.

Human Rights: The Importance of Basic Freedom to the Development Process. Fourth session of a 9-week series of films, discussions and speakers on topics related to international development. Admission is free. International House. 7:30 p.m.

FRIDAY, FEB. 8

UBC Grade 11 and 12 Honour Band Workshop.

Old Auditorium. 9 a.m.

Faculty Recital.

17th Century French Harpsichord Music: D'Anglebert, Froberger and L. Couperin. Doreen Oke, harpsichord. Recital Hall, Music Building. 12:30 p.m.

Medical Genetics Seminar.

The Use of Mitochondrial DNA in Population Analysis. Dr. Andy Beckenbach, Biology, SFU. Parentcraft Room, Grace Hospital. 1 p.m.

Linguistics Colloquium.

Focus and Argument Structure. Prof. M. Rochemont, Linguistics, UBC. Room D224, Buchanan Building. 3:30 p.m.

Physics Colloquium.

Solar Neutrinos. William A. Fowler, Physics and Astronomy, California Institute of Technology. Room 202, Hennings Building. 4 p.m.

UBC Wind Symphony.

Ein Heldenleben by Strauss and Music of Grainger, Weinsweg and Curnow. Old Auditorium. 8 p.m.

Women's Fieldhockey.

UBC Invitational Tourney. UBC Armoury. Continues all day Saturday and Sunday. 6:30 p.m.

SATURDAY, FEB. 9

UBC Grade 11 and 12 Honour Band Workshop.

Martin Berinbaum, director. Old Auditorium. 9 a.m.

Faculty Women's Club.

Social evening featuring a pub, casino, a dance floor, some food, some cards. Proceeds to Margaret MacKenzie Scholarship fund. Guests invited. Cecil Green Park. 7:30 p.m.

Notices...

Dance Horizons

Faculty, staff, students — Broaden Your Horizons and your experience. Join Dance Horizons, professional choreographer's create unique pieces to be performed at the end of February. You can be a member of UBC's dance ensemble. No dance training or expertise necessary. Phone Ballet UBC Jazz, 228-6668, or come to SUB 216E. Rehearsals on Sundays 2-4 p.m.

Textile conservation workshop

This textile conservation workshop, offering practical advice to the non-specialist, is an opportunity to learn safe, professional techniques of textile care, storage and display. It will be of interest to anyone working with historical or ethnographic textiles or in the contemporary fabric arts. The workshop will be held at the Museum of Anthropology, Saturday, Feb. 23, from 9 a.m. to 5 p.m. Registration deadline is Feb. 7. For more information, call 228-5087.

Women in Technology

A conference on Women in Technology, sponsored by Computer-Using Educators B.C., will be held on Saturday, Jan. 26 in the Asian Centre. Speakers and panelists include Ron Jeffels, principal of the Open Learning Institute; Dr. Betty Collis of the University of Victoria; June Bower, Apple Corporation; Dr. Joyce Matheson, Ministry of Education; and Maggie Benston, Simon Fraser University. Fee (includes lunch) is \$40, \$20 for students. To register, call Joan Collins, Faculty of Education's Field Development Office, at 228-2013.

MUSSOC

UBC's musical theatre society presents *West Side Story* Jan. 25 through Feb. 2 in the Old Auditorium. Tickets are \$7, \$5 for students and seniors. For reservations, call 228-5656 or 228-6902.

Reading, writing and study skills

Improve your reading speed and communication, composition, speech, study skills, vocabulary and spelling. The UBC Reading, Writing and Study Skills Centre is offering 15 non-credit courses this term, including Writing a Research Paper, Writing Business Letters and Memos, Writing Effective Reports, Editing, Writing for Professionals and Improving Your Speaking Voice. Most classes begin the week of Jan. 28. For registration information, call 222-5245.

Toastmasters

Walter Gage Toastmasters invites students, faculty and staff interested in improving their public speaking ability to attend their weekly meetings. Meetings are held Thursday evenings at 7:30 p.m. in Room 278 of the McMillan Building. For more information, please contact Bill Brendon at 263-8784.

Lifestyle Referral Project

The UBC Lifestyle Referral Project is a computer-assisted referral service with detailed information on more than 500 programs and agencies in Greater Vancouver, in the following areas: alcohol and drug control, accident prevention and safety, aquatics, fitness classes, fitness appraisal, weight training, stress management, weight control and nutrition, smoking cessation. Please call or write for more information to UBC Lifestyle Referral Project, School of Physical Education & Recreation, 1924 West Mall, Auditorium Annex. Telephone: 228-3902.

First Class Mail

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