

# UBC REPORTS



Forced to moonlight as a Four Seasons Hotel waiter because of restraint, UBC President George Pedersen serves breakfast at the publicity kick-off to this year's B.C. Heart Foundation fund-raising drive. Carefully watching that coffee doesn't land in their laps are Bob Davies, executive director of the foundation, left, and UBC Pharmaceutical Sciences Dean John McNeill.

## Students honored at ceremony

Three outstanding Arts students will be honored at a Feb. 27 ceremony which will also mark the opening of a 12-day photo exhibition on the life and work of Jawaharlal Nehru, the first prime minister of India who held office from 1947 until his death in 1964.

At a 12:30 p.m. ceremony in the Asian Centre book prizes will be presented to Trish Saywell and Parveen Sara, national finalists in an essay contest on Nehru, sponsored by Air India and the Shastri Indo-Canadian Institute.

Michael Kirkwood, an outstanding undergraduate Arts student specializing in studies on India, will also receive a prize from Jagdish Sharma, the Indian consul-general in Vancouver, and J.T. Parekh, a Vancouver employee of Air India, which is the North American sponsor of the Nehru exhibition.

The Nehru display will be open to the public from 9 a.m. to 8 p.m. on

Wednesdays (Feb. 27 and March 6), from 1 to 5 p.m. on Saturday and Sunday, and from 9 a.m. to 5 p.m. all other days.

## Groups rally for Great Trek '85

An estimated 2,000 UBC students, faculty members and support staff rallied at the Ladner Clock Tower in pouring rain yesterday (Tuesday) to kick off Great Trek '85, an event aimed at focusing attention on education cutbacks.

The UBC event was a noon-hour prelude to a 3:30 p.m. rally at Robson Square in downtown Vancouver.

At 1 p.m. the rally marshalled on the East Mall behind the UBC Library to begin the trek to Vancouver proper via University Boulevard. At Robson Square, the UBC contingent was joined by groups from Simon Fraser University, Lower Mainland regional colleges and Vancouver high schools.

## The Class of '84

# Unemployment rate low for Arts grads

Unemployment rates for 1984 graduates of the University of B.C. are surprisingly low for some degree programs, but have increased sharply in others since 1980, the last year in which a similar survey was carried out by UBC's Student Counselling and Resources Centre.

The 1984 survey documents the post-graduation activities of nearly 90 per cent of the 3,777 graduates in 21 different faculties and schools.

Here are some of the highlights:

- Nearly 23 per cent of last year's graduating class continued in some form of education after graduation. Just over 71 per cent of the graduates were available for employment and 12.3 per cent were unemployed when the UBC counselling centre carried out its survey between Oct. 1 and Dec. 15, 1984.

- The unemployment rate was zero per cent for the 18 women who graduated in UBC's dental hygiene program, for the 36-member graduating class in rehabilitation medicine, for the 96 who received their degrees from the Faculty of Pharmaceutical Sciences and

the nine who graduated in landscape architecture.

- The unemployment rate in Arts — traditionally thought of as a "soft" employment area — was a surprisingly low 8.8 per cent. Nearly 37 per cent of the 635 Arts graduates contacted for the survey returned to some form of education in 1984. The Arts unemployment rate represents an increase since 1980, when the rate was 3.2 per cent.

- High unemployment rates in 1984 were recorded for graduates of the following programs (figures in brackets are the rates recorded in the 1980 survey): Commerce and Business Administration — 17.4 per cent (2.8); Applied Science — 20 per cent (.9); Agricultural Sciences — 28.3 (4); Forestry — 21.1 per cent (1.6); Science — 12.8 per cent (4.9); Licentiate in Accounting — 22.6 (4.5); Nursing — 25.8 (0).

A.F. "Dick" Shirran, director of the UBC centre that compiled the report, said care had to be taken in interpreting the material. "In the case of Arts graduates, for instance, it's apparent many took jobs not directly related to their degree programs since many students view their university education as personal growth and development, rather than being related to specific occupational opportunity."

"The high unemployment rates among engineering and forestry graduates, on the other hand, may be related to the fact that, having been professionally trained, they are reluctant to take jobs outside their areas of expertise, which have been subject to the effects of Canada's current economic recession."

## Axel Meisen named dean

Dr. Axel Meisen has been appointed dean of UBC's Faculty of Applied Science effective July 1. He has been associate dean since 1976.

A chemical engineer born in Hamburg, West Germany, Dr. Meisen received his undergraduate degree from the Imperial College of Science and Technology in London, England, in 1965, took his Master's degree the following year at the California Institute of Technology and received his Ph.D from McGill University in Montreal in 1970.

He has been with the chemical engineering department at UBC since 1969 with the exception of one year spent as an environmental engineer with Imperial Oil with responsibilities for an environmental impact study of a tar sands project.

His main research interests are environmental problems of the chemical and petroleum industries, natural gas processing, and sulphur production.

Dr. Meisen is a director of the Canadian Society for Chemical Engineering and a member of the accreditation board of the Canadian Council of Professional Engineers. The board accredits university engineering programs across Canada.

Dr. Meisen has consulted and taught in a number of developing countries including Thailand, Peru, Iraq, Cuba and the Phillipines.

## Asian programs serve as model

Thirty Asian specialists from Western Washington University in Bellingham visited the Asian Centre on Monday (Feb. 18) to learn more about UBC's Institute of Asian Research and Asian studies department.

The visitors, representatives of Western Washington's Centre for East Asian Studies, spent the afternoon with Dr. Terry McGee, director of the Institute of Asian Research, and Dr. Ashok Aklujkar, head of the Asian studies department, discussing the scope and structure of UBC's academic and public programs related to the Pacific Rim.

"Western Washington University is planning to upgrade and develop their programs in Asian studies and they were very interested in our operations," said Dr. McGee. "I'm pleased that UBC's reputation in Pacific Rim activities is such that other institutions seek our input in developing their own programs."



## Familiar faces

Visitors to the campus last Wednesday (Feb. 13) included Canadian astronaut Marc Garneau and federal opposition leader The Right Honourable John Turner. Mr. Garneau met with Dr. Vinod Modi, above, and other faculty members and students interested in space science. He was accompanied by fellow astronaut Bjarni Tryggvason, a UBC engineering graduate. Mr. Turner met with members of the Alma Mater Society, the Faculty Association and with President George Pedersen for discussions.



## UBC alumni show generosity in appeal for student aid

UBC's alumni have rallied to support students in hard financial times with a remarkable response to an Alumni Association fund-raising appeal for student aid.

Last year, the Alumni Association

initiated a campaign to raise \$334,000 for scholarships and bursaries, an amount to be matched by UBC and the Vancouver Foundation, to bring the total to \$1 million. Their goal was to raise the funds in three years, but a short six months into the campaign all but \$30,000 of the \$1 million target has been met through alumni response to a direct mail appeal and matching grants.

"There's a lot of enthusiasm on the part of UBC's alumni to support the University and its students in these difficult times," said Alumni Association president Kyle Mitchell. "We're grateful for their response."

The money will be used to establish an endowment fund as a guaranteed source of funding for alumni scholarships, which include the Walter H. Gage Bursary, the Norman MacKenzie Alumni Scholarships, the Norman MacKenzie Regional College Scholarship, the John B. Macdonald Bursaries and Scholarship and the Douglas T. Kenny National Alumni Scholarship.

At a reception held at Cecil Green Park last month, the Alumni Association awarded scholarships and bursaries worth more than \$100,000 to 109 UBC students.

## Lectures highlight life of Ramses II

UBC will mount a lecture series later this year designed to provide information on the historical and religious background to the Ramses II exhibit that will be one of the premier attractions at Expo '86.

Planning for the series, which will be offered in Vancouver and in various centres throughout the province, has begun under the direction of Dr. Hanna Kassis of UBC's Department of Religious Studies in association with the University's Centre for Continuing Education and Museum of Anthropology.

Ramses II, who lived for nearly 90 years and reigned for 66 between 1301 and 1235 B.C., came to the Egyptian throne after a period of religious upheaval and decadence. Ramses II restored Egyptian influence in the Palestine region and undertook a massive building program, which included the temple at Abu Simbel, moved to a safer location when the Aswan Dam was built.

Dr. Kassis said a lecture series would be offered in the fall of this year and would be repeated in the spring of 1986 if there was a demand for it. He said he also planned to visit centres in the Interior to speak on the exhibit.

He said that if money is available, he will train a group of UBC students to give lectures about the Ramses II exhibit in schools and senior citizens' homes.

During Expo itself, he said, a background lecture on the display would be offered at a downtown Vancouver centre for short-term visitors to the fair.

## Proper forms a 'must' for UBC Calendar

When submitting a notice for inclusion in the Calendar of Events for UBC Reports do you (a) scrawl something on the nearest piece of paper (b) jot details on the back of a cocktail napkin (c) type your notice on a proper Calendar form available from Community Relations?

Editing and typesetting the Calendar has been a bit of a challenge in the past because few people adopt option (c), i.e. type notices on a proper form available from Community Relations. Accepting material in the resourceful forms we receive it creates a lot of extra work and greatly increases our typesetting costs. To cut unnecessary costs, we'd like material for the Calendar to be submitted on the proper forms from now on. We've sent a supply to departmental offices and other campus units, and beginning with our March 20 issue, we will only accept submissions on these forms.

Please send individual Calendar forms for items that have been submitted in advance on sheets that list a whole term's lectures or events.

Items for the "Notices" section, which follows the listing of daily events, can be submitted as they have in the past since they are each different and do not fit into a common format — but please type notices so that they are legible. We appreciate your cooperation — and so does the typesetting staff!

If you have any questions or would like additional Calendar forms, please call 228-3131.

**UPCOMING CALENDAR DEADLINES:**  
March 6 issue (covers March 10 to 23) — deadline is Feb. 28; March 20 issue (covers March 24 to April 6) — deadline is March 14.

## UBC trains education specialists in Brazil

UBC is helping to train some 30 Brazilians who are key figures in the delivery of mass public education through television to remote areas of the South America country.

The Brazilians are all middle-management employees of the Institute of Radio and Education of the State of Bahia, one of the northern states of Brazil, which will soon begin broadcasting educational TV programming via a new satellite launched on Feb. 9.

The institute employees have almost completed the requirements for UBC's Diploma in Adult Education, which is offered through the Department of Educational Administration, Adult and Higher Education of the Faculty of Education.

The Brazilian graduates of the diploma program will be expected to improve the operations of the section of the institute they head as well as serve on an advisory body that will influence policy decisions related to the educational TV that will be broadcast via the recently launched satellite.

Graduation day for the Brazilian adult education students is May 18, when UBC's president, Dr. George Pedersen, will confer the diplomas. And if all goes well, Vancouverites will be able to see the ceremony via satellite.

UBC's involvement in the program began early in this decade, when Prof.

Paz Buttedahl of the Faculty of Education was asked to evaluate an adult education program which had been funded jointly by Bahia state and the Canadian International Development Agency (CIDA), the federal body that provides aid to developing countries.

"Bahia wanted to develop a program of mass public education making use of modern technology," Dr. Buttedahl said. "We recommended that emphasis be put on human resource development through systematic training of the middle-level managers in the institute that would be responsible for delivering the programming."

CIDA then asked UBC to adapt its existing diploma program in adult education to provide the Bahia institute's middle managers with basic skills in adult and continuing education plus program planning, teaching and instructional design and evaluation.

Transferring the UBC program to a new setting and finding Portuguese-speaking faculty members with the appropriate qualifications to instruct didn't prove to be insurmountable problems.

UBC managed to locate seven university-level teachers working in Brazilian universities. Dr. Buttedahl, who speaks Portuguese fluently and has been one of the instructors in the

program, said the emphasis of the UBC diploma course was adjusted to meet the needs of the Brazilian students and no problems were encountered in finding equivalent material in Portuguese for those enrolled.

In addition to taking eight courses that are required to earn the diploma, the Brazilian students have been required to work on a demonstration or pilot project allied to their particular area of work. "The project has to be defended by the students in the same way that a graduate student has to defend his or her thesis," she said.

With Dean Daniel Birch, the head of the Faculty of Education and another key figure in the Brazilian project, Dr. Buttedahl will be writing up the South American experience as a case study that will add another dimension to UBC's adult education training program and provide guidance to adult educators who are interested in experience overseas.

Dean Birch said contact with outstanding Brazilian scholars such as educational philosopher Paulo Freire, who taught at UBC's 1984 Summer Session, has stimulated faculty members associated with the project. "One of our goals is to give substance to the claim that international development is a two-way street," Dean Birch said.

# Is Canada going down the drain?

Soil erosion, the most serious crisis in the history of Canadian agriculture is the topic of a special lecture at UBC at 7:30 p.m. tonight (Feb. 20) in Room 166 of the MacMillan Building.

The Hon. Herbert O. Sparrow, chairman of the standing Senate committee on agriculture, fisheries and forestry, will speak on "Soil at Risk: Canada's Eroding Future." The meeting is sponsored by the B.C. chapter of the Soil Conservation Society of America and UBC's Faculty of Agricultural Sciences.

Soil erosion is already costing Canadian farmers \$1 billion a year in lost income and will only worsen if steps are not taken to reverse soil loss.

In a report released last year, Senator Sparrow said the situation is so serious that Canadians will have to be mobilized in a national commitment to save farmland.

In B.C., the most serious damage is being done in the Peace River region and in the Lower Fraser Valley, the report said. The culprit in the Lower Fraser Valley, which accounts for half of the province's gross farm income, is water erosion.



Members of the winning team at the third annual B.C. Law Schools Competitive Moot are Arthur Bensler, Jennifer Conkie, Randy Kaardal, Kathleen Kelly, Randy Klarenbach, Gordon Matei, John Nalleweg, Robert Ruttan, Greg Sasges, Blair Shaw, Larry Talbot and Eric Thomson. Also pictured are faculty advisors to the team, Howard Kushner, and student advisor Carol McNichol.

## Law students win trophy

A team of UBC law students were victorious when they met their counterparts from the University of Victoria at Vancouver's Law Courts on Feb. 9 for the third annual British Columbia Law Schools Competitive Moot.

For the second year in a row, the UBC team took home the Begbie Trophy, a prize donated by the Superior Court Judges of British Columbia.

In this year's competition, the two teams argued a case involving the Canadian Charter of Rights and Freedoms. Students are judged on the basis of written arguments submitted in advance (Factums) and oral arguments presented before a panel of three B.C. Superior Court judges.

Members of the winning UBC team are Arthur Bensler, Jennifer Conkie, Randy Kaardal, Kathleen Kelly, Randy Klarenbach, Gordon Matei, John Nalleweg, Robert Ruttan, Greg Sasges, Blair Shaw, Larry Talbot and Eric Thomson.

## UBC CALENDAR

### Calendar Deadlines

For events in the weeks of March 10 and 17, material must be submitted not later than 4 p.m. on Thursday, Feb. 28. Send notices to UBC Community Relations, 6328 Memorial Road (Old Administration Building). For further information, call 228-3131.

Items for inclusion in the Calendar listing of events (beginning with our March 20 issue, we will only accept items submitted on these forms.) Forms are available at the Community Relations Office, Room 207 of the Old Administration Building, or by calling 228-3131.

### The Vancouver Institute.

**Saturday, Feb. 23**  
Annual Vancouver Sun Lecture. Reflections on the Media. Marjorie Nichols, columnist, The Vancouver Sun.

**Saturday, March 2**  
Winston Churchill and the Soviet Union. Prof. Martin Kitchen, History.

Lecture Hall 2, Woodward Instructional Resources Centre, 8:15 p.m. Free admission.

### MONDAY, FEB. 25

#### Mahlzeit.

An opportunity to hear and speak German. Everyone welcome. International House. 12:30 p.m.

#### International Relations Lecture.

An Evaluation of the Reagan 'Star Wars' Proposal. Dr. Russell Shaver, director, Force Employment Program, Rand Corporation (and a leading expert on NATO Strategy and the Star Wars Proposal). Room A100, Buchanan Building. 12:30 p.m.

#### Amnesty UBC.

Human Rights Violations in Peru. Alicia Barsallo. Room 205, Student Union Building. 12:30 p.m.

#### Poetry Reading.

Reading by Canadian novelist Brian Moore, author of *The Luck of a Ginger Coffey*, *The Lonely Passion of Judith Hearne*, *Catholics and The Great Victorian Collection*. Sponsored by the Canada Council. Room A102, Buchanan Building. 12:30 p.m.

#### Artist and Society Symposium.

Artist and Society: A View from Sweden. Anders Johansson. Room A104, Buchanan Building. 12:30 p.m.

#### Chemical Engineering Seminar.

Elastic Model for Membrane Inflation (Thermoforming). Richard Wu, Chemical Engineering, UBC. Room 206, Chemical Engineering Building. 1:30 p.m.

### The Pedersen Exchange.

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

### Artist and Society Symposium.

Kunstler und Gesellschaft (in German). Stefan Schütz. Penthouse, Buchanan Building. 3:30 p.m.

### Comparative Literature Lecture.

Ireland and the Outside World. Brian Friel's *Translations*. Prof. Wolfgang Zach, Comparative Literature, University of Graz, Austria. Room D333, Buchanan Building. 3:30 p.m.

### Applied Mathematics Seminar.

Energy Transfer in Some Waves Turbulence Systems. Dr. Greg Holloway, Institute of Ocean Sciences, Sidney, B.C. Room 229, Mathematics Building. 3:45 p.m.

### Biochemistry Discussion Group/Biochemistry Seminar.

Electron Transport in NADPH Cytochrome P-450 Reductase. Prof. Howard S. Maston, Oregon Health Sciences University, Portland. Lecture Hall 4, Woodward Instructional Resource Centre. 4 p.m.

### Astronomy Seminar.

Quasar Environments. Dr. Howard Yee, Physics, University of Montreal. Room 260, Geophysics and Astronomy Building. 4 p.m.

### Dal Grauer Lecture.

The Role of the Modern Theatre in East and West: Using the Story of A Director as an Example. Uta Birnbaum, Theatre, University of Hannover, Germany. Room A104, Buchanan Building. 8 p.m.

### TUESDAY, FEB. 26

#### History Lecture.

Wood Kuay, Dublin — A Viking Saga: Medieval and Contemporary (Slide Lecture). F.X. Martin, O.S.A., professor of Medieval History, University College, Dublin. Room B312, Buchanan Building. 11:30 a.m.

#### Botany Seminar.

Botanical Garden Plant Introduction Program - A Model for Technology Transfer to Industry. R.L. Taylor, Botanical Gardens, UBC. Room 3219, Biological Sciences Building. 12:30 p.m.

#### Chemistry Lecture.

Vibrational Energy Transfer at Surfaces in Systems of Reacting Molecules. Prof. Benton S. Rabinovitch, Chemistry, University of Washington, Seattle. Room 250, Chemistry Building. 1 p.m.

#### Electrical Engineering Seminar.

Stack Algorithms for the Decoding of Convolutional Codes. Prof. David Haccoun, Electrical Engineering, Ecole Polytechnique, Montreal and Concordia University. Room 402, Electrical Engineering Building. 1:30 p.m.

### Oceanography Seminar.

The Tidally-Forced Hydraulic Flow Over the Sill of Observatory Inlet. Dr. Michael Stacey, Oceanography, UBC. Room 1465, Biological Sciences Building. 3:30 p.m.

### Dal Grauer Lecture.

Alternative Theatre in West Germany: Some Personal Experiences. Uta Birnbaum, Theatre, University of Hannover, Germany. Room A104, Buchanan Building. 3:30 p.m.

### Asian Research Seminar.

One Country, Two Systems: China and Hong Kong, The Dynamics of Future Co-existence. Paul Lin, research associate, Institute of Asian Research. Room 604, Asian Centre 3:30 p.m.

### Zoology Seminar.

Ethiopia: Has Western Aid Caused an Ecological Crisis in the Sahel? Dr. A.R.E. Sinclair, Zoology, UBC. Room 2000, Biological Sciences Building. 4:30 p.m.

### WEDNESDAY, FEB. 27

#### Cecil and Ida Green Lecture.

Super Trees: Super for What and for Whom? Dr. John Gordon, Dean, Yale School of Forestry and Environmental Studies. Room 166, MacMillan Building. 12:30 p.m.

#### English Lecture.

W.B. Yeats' 'The Words Upon the Window-Pane'. Prof. Ann Saddlemyer, English, University of Toronto. Room B313, Buchanan Building. 12:30 p.m.

#### Artist and Society Symposium.

The Writer-Journalist Between Two Cultures. Jan Drabek, Czech-Canadian author and journalist. Co-sponsored by the Ethnic Studies Committee. Room A102, Buchanan Building. 12:30 p.m.

#### Noon-Hour Concert.

Music of Beethoven and Brahms. John Loban, violin, and Lee Kum Sing, piano. Recital Hall, Music Building. 12:30 p.m.

#### Dentistry Seminar.

Treatment of Periodontal Disease as a Specific Infection. Dr. Walter J. Loesche, Dentistry, University of Michigan. Room 388, Macdonald Building. 12:30 p.m.

#### Geography Colloquium.

Submarine Mass Movements and Slope Stability on the Bella Coola Delta. Ray Kostaschuk, Geography, UBC. Room 201, Geography Building. 3:30 p.m.

#### Artist and Society Symposium.

Stefan Schutz liest aus seinem Werk (in German). Penthouse, Buchanan Building. 3:30 p.m.

#### Animal Resource Ecology Seminar.

Spacing and Dispersal in *Microtus arvalis*. Dr. Christine Boyce, Animal Resource Ecology, UBC. Room 2449, Biological Sciences Building. 4:30 p.m.

### Geophysics Seminar.

Astronomy at UBC — An Upward and Outward Look. Dr. Paul Hickson, Geophysics and Astronomy, UBC. Room 260, Geophysics and Astronomy Building. 4 p.m.

### Gerontology Lecture.

Gerontology: Examining the Experience of Other Countries. Prof. Shimon Bergman, Social Work and Gerontology, University of Tel Aviv, Israel, and deputy director, Brookdale Institute of Gerontology, Jerusalem. Lecture Hall A, School of Social Work, UBC. 7:30 p.m.

### Dorothy Somerset Studio.

Mayakovsky, a play by Stefan Schutz. Continues until Saturday, March 2 (the performance is part of the Artist and Society Symposium taking place on the campus). There will be two shows on March 2 (5 and 8:30 p.m.). For ticket information, call 228-2678. Dorothy Somerset Studio. 8 p.m.

### THURSDAY, FEB. 28

#### Medical Grand Rounds.

Aerosol Deposition in Health and Disease. Dr. Paul S. Mann, Medicine, University of Alberta, Edmonton. Lecture Theatre Room G279, Acute Care Unit, Health Sciences Centre Hospital. 12 noon.

#### Artist and Society Symposium.

Artist and Society: A Canadian Perspective. Prof. Robin Skelton, Creative Writing, University of Victoria. Room A104, Buchanan Building. 12:30 p.m.

#### Psychology/Computer Science Joint Colloquium.

Here and There in the Visual Field. Prof. Zenon Pylyshyn, Psychology/Computer Science, University of Western Ontario. Room 226, Angus Building. 12:30 p.m.

#### Cecil and Ida Green Lecture.

Forestry Education: Who Cares? Dr. John Gordon, Dean, Yale School of Forestry and Environmental Studies. Room 166, MacMillan Building. 12:30 p.m.

#### UBC Chamber Ensembles.

Martin Berinbaum, David Branner, Gordon Cherry, Jane Coop, Paul Douglas, Lee Kum Sing, Robert Rogers and Eric Wilson, directors. Recital Hall, Music Building. 12:30 p.m.

#### Essay Skills Workshop.

Nancy Horsman of the Women Students' Office will give three one-hour workshops to assist students increase their skills in preparation of essays. They will be held three Thursdays, Feb. 28, March 7 and 17. Room B212, Buchanan Building. 12:30 p.m.

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# UBC CALENDAR

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## MOKAKIT Indian Education Research Association Lecture.

Native Indian Education and Clinical Supervision. Bob Este. Room 203, Scarfe Building. 12:30 p.m.

## Middle East Lecture.

The Rise of Islam and the Arab-Israeli Conflict. Prof. Raphael Israeli. Room B319, Buchanan Building. 12:30 p.m.

## Puppet Show.

Puppet Show in German: Rumpelstilzchen. International House. 12:30 p.m.

## Health Lecture.

Radiation and Nuclear Issues for the Health Professional. Rosalie Bartell, director of research, Institute of Concern for Public Health, Toronto. Sponsored by UBC Student Chapter, Physicians for Social Responsibility. Christmas Seal Auditorium, VGH. 12:30 p.m.

## Geological Sciences Lecture.

Fear and Loathing in the Klamath Mountains, California. Dr. Nick Mortimer, Geology, UBC. Room 330A, Geological Sciences Building. 12:30 p.m.

## Condensed Matter Seminar.

Diffusion and Trapping of Muonium Atoms on Silica Surfaces. Dale Harshman, TRIUMF - UBC. Room 318, Hennings Building. 2:30 p.m.

## Artist and Society Symposium.

Stefan Schutz über sein Drama *Majkowski* (in German). Penthouse, Buchanan Building. 3:30 p.m.

## Environmetrics Seminar.

The Strengths and Weaknesses of Health Effects of Air Pollutants. Dr. David Bates, Medicine, UBC. Room 225, Mathematics Building. 3:30 p.m.

## Asian Research Seminar.

Moslem Minorities in China Past and Present. Prof. Raphael Israeli. Room 604, Asian Centre. 3:30 p.m.

## Mathematics Colloquium.

Operator Algebras and Index Theory. Prof. R. Douglas, SUNY at Stony Brook and MSRI Berkeley. Room 1100, Mathematics Building Annex. 3:45 p.m.

## Physics Colloquium.

Acoustic Microscopy: A New Tool for the Study of Condensed Matter. David Cheeke, Département de Physique, Université de Sherbrooke. Room 201, Hennings Building. 4 p.m.

## FRIDAY, MARCH 1

### Artist and Society Symposium.

On Artist and Society. Jan Drabek, Czech-Canadian author and journalist. Room A104, Buchanan Building. 12:30 p.m.

### Dentistry Seminar.

Caries Transmission: Strategies in Interrupting the Infection. Dr. Walter J. Loesche, Dentistry, University of Michigan. Room 388, Macdonald Building. 12:30 p.m.

### Nursing Colloquium.

Evaluation of Care of the Aged. Dr. Rebecca Bergman, Tel Aviv University, Israel. Room GF279, Acute Care Unit, Health Sciences Centre Hospital. 12:30 p.m.

### Medical Genetics Seminar.

Studies on the DNA Sequence and Expression of Rat Immune Response Genes. Dr. Sarah Eccles, Medical Genetics, UBC. Parentcraft Room, Grace Hospital. 1 p.m.

### Artist and Society Symposium.

Poetry reading by Anders Johansson. Penthouse, Buchanan Building. 3:30 p.m.

### Linguistics Colloquium.

CV Phonology, Complex Segments and Vowel Features. Edwin Pulleyblank, Asian Studies, UBC. Room D224, Buchanan Building. 3:30 p.m.

### Anniversary Concert.

A gala event commemorating a quarter century of artistic involvement and achievement. Featured will be the UBC Symphony Orchestra, the UBC Wind Symphony, the University Singers, faculty soloists, and our distinguished graduate, soprano Judith Forst. For further information, call 228-3113. Orpheum Theatre, 8 p.m.

### Artist and Society Symposium.

Panel discussion with Dr. Uta Birnbaum, Jan Drabek, Anders Johansson and Robin Skelton. Room A106, Buchanan Building. 8 p.m.

## MONDAY, MARCH 4

### Mahlzeit.

An opportunity to hear and speak German. Everyone welcome. International House. 12:30 p.m.

### 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 the Main Library. 3:30 to 5 p.m.

### Mechanical Engineering Seminar.

Ship Stability in Breaking Waves. J. Fitz-Clarke. Room 1202, Civil and Mechanical Engineering Building. 3:30 p.m.

### Applied Mathematics Seminar.

Managing a Forest Subject to the Risk of Fire. Dr. William J. Reed, Mathematics, University of Victoria. Room 229, Mathematics Building. 3:45 p.m.

### Biochemical Discussion Group Seminar.

The Molecular Basis of Hemophilia. Dr. R. Law, Genentech. Lecture Hall 4, Woodward Instructional Resources Centre. 4 p.m.

### Zoology "Physiology Group" Seminar.

Development of the Pituitary Gland of Cyclostomes: Its Meaning for Vertebrate Phylogenesis. Dr. A. Gorbman, Zoology, University of Washington. Room 2449, Biological Sciences Building. 4:30 p.m.

### Cinema 16.

*The Joke*. SUB Auditorium. 6:30 and 8:30 p.m.

## TUESDAY, MARCH 5

### Chemistry Lecture.

Zeolite Encapsulated Metal Atoms and Metal Clusters: New Synthetic Detection and Catalytic Tricks With an Old Dog. Prof. Geoffrey A. Ozin, Chemistry, University of Toronto. Room 250, Chemistry Building. 1 p.m.

### Music Lecture.

Noted Canadian composer Robert Aitken speaks in the Recital Hall of the Music Building. 2:30 p.m.

### Oceanography Seminar.

Acoustic Remote Sensing — Whispering Galleries, Submarine Springs and Other Oceanographic Research at Memorial. Dr. Alex E. Hay, Physics, Memorial University of Newfoundland. Room 1465, Biological Sciences Building. 3:30 p.m.

### Technology Transfer Series.

Third in a series of four presentations on technology transfer from UBC's Department of Physics. Tonight's topic is The Vortek Lamp: World's Brightest Arc Lamp, by Prof. Frank Curzon of UBC's physics department. For more information, call 228-3853. Cost is \$5 at the door. Robson Square Media Centre. 5:30 p.m.

### Faculty Women's Club.

General Meeting and Guest Speaker. Prof. Barbara Heldt of UBC will speak on Women and Russian Literature. Guests invited. Cecil Green Park. 8 p.m.

## WEDNESDAY, MARCH 6

### Noon-Hour Concert.

Laurence Cherney, oboe, and Gave Alcock, piano. Recital Hall, Music Building. 12:30 p.m.

### English Lecture.

Psychomechanics, Grammatical Analysis and the Progressive Form. Prof. Walter Hirtle, Language and Linguistics, University of Laval. Sponsored by the Committee on Lectures. Room B313, Buchanan Building. 12:30 p.m.

### Forestry Seminar.

Soil Disturbance Caused by Forestry Operations: Why and When are Limits Necessary? Dr. R.B. Smith, Pacific Forest Research Centre. Room 166, MacMillan Building. 12:30 p.m.

### Geography Colloquium.

Mass Markets, Little Markets: Some Preliminary Thoughts on the Growth of Consumption and its Relationship to Urbanization in Malaysia. Terry McGee, Geography, UBC. Room 201, Geography Building. 3:30 p.m.

### Statistics Workshop.

Nonparametric Conditional Estimation. Art Owen, Stanford University. Room 204, Mathematics Building. 3:30 p.m.

### Animal Resource Ecology Seminar.

Genetic Basis for Seasonal Races in Chum Salmon. Ross Tallman, Animal Resource Ecology, UBC. Room 2449, Biological Sciences Building. 4:30 p.m.

### Cinemawest.

Shakespeare's *Othello*. Admission is \$1.50. SUB Auditorium. 7:30 p.m.

### Frederic Wood Theatre.

*Happy End*, a musical by Kurt Weill and Bertolt Brecht will be staged until March 16. For ticket information, call 228-2678. Frederic Wood Theatre. 8 p.m.

## THURSDAY, MARCH 7

### Medical Grand Rounds.

Magnesium — The Forgotten Cation in Clinical Medicine. Dr. John Dirks, Medicine, VGH; Dr. Roger Sutton, Medicine, VGH; and Dr. Gary Quamme, Medicine, Health Sciences Centre Hospital. Lecture Theatre Room G279, Acute Care Unit, Health Sciences Centre Hospital. 12 noon.

### Resume Writing Lecture.

The first program in this three-part series will focus on resume writing and will teach women students the basics of developing both an effective resume and covering letter. Registration in Brock 203. Room 106, Brock Hall. 12:30 p.m.

### MOKAKIT Indian Education Research Association Lecture.

The Verbal Deficit Fallacy in Indian Education. Dr. Robert Anthony. Room 203, Scarfe Building. 12:30 p.m.

### Condensed Matter Seminar.

Electron Capture Spectroscopy and Applications: Magnetic Order at Surfaces; X-Ray Lasers. C. Rau, Rice University. Room 318, Hennings Building. 2:30 p.m.

### English/Linguistics/French Lecture.

The English and French Verb. Prof. Walter Hirtle, Language and Linguistics, University of Laval. Sponsored by the Committee on Lectures. Room D301, Buchanan Building. 2:30 p.m.

### Leisure and Cultural Studies Seminar.

The Arts and Acculturation: The Case of Vancouver's East Indian Community. Jean Cunningham, Physical Education and Recreation, UBC. Penthouse, Buchanan Building. 3:30 p.m.

### Mathematics Colloquium.

Commutative Subfields of the Weyl Field  $D_1$ . Prof. R. Resco, University of Oklahoma and University of Washington. Room 1100, Mathematics Building Annex. 3:45 p.m.

### Physics Colloquium.

A Statistical Model for Turbulence. Boye Ahlborn, Physics, UBC. Room 201, Hennings Building. 4 p.m.

### Flute Recital.

Performer is composer-in-residence Robert Aitken of Toronto. Ticket information: 228-3113. Recital Hall, Music Building. 8 p.m.

## FRIDAY, MARCH 8

### UBC Chamber Singers.

Cortland Hultberg, director. Recital Hall, Music Building. 12:30 p.m.

### Leon and Thea Koerner Lecture.

Intuition in Ethics and Aesthetics. Prof. Stuart Hampshire, Philosophy, Wadham College, Oxford. Rooms 101/102, Curtis Building. 12:30 p.m.

### Theatre Lecture.

What is Popular Theatre? Prof. Michael Booth, Theatre, University of Victoria. Sponsored by Committee on Lectures. Dorothy Somerset Studio. 12:30 p.m.

### English and Linguistics Lecture.

The Verb: A Matter of Motion. Prof. Walter Hirtle, Language and Linguistics, University of Laval. Penthouse, Buchanan Building. 1:30 p.m.

## UBC Chamber Singers.

Cortland Hultberg, director. Recital Hall, Music Building. 8 p.m.

## The Critical Function of the University.

The Committee of Concerned Academics is sponsoring a conference on the critical issues facing the University community. Tonight Dr. Sarah Shorten, president of CAUT, and Prof. Charles Taylor of McGill University will speak at 8 p.m. in Lecture Hall 2 of the Woodward Building. On Saturday at 10 a.m. a panel will discuss "The University of the Modern World" in Lecture Hall 1 of the Woodward Building. Workshops on University Financing, Autonomy and Governance, Community Groups and the University and Corporate Sponsorship, will follow at 2 p.m. in Rooms G41/42, G44, G53 and G55 of the Woodward Building.

## Notices.....

### Senate Cancelled

The Feb. 20 meeting of UBC's Senate has been cancelled. The next meeting will be held on March 20. Visitors wishing to attend the meeting should call Frances Medley at 228-2951.

## UBC Geological Museum Collector Shop

A new selection of top-quality specimens has just been acquired and is available for viewing at the museum. All specimens, even if sold, will remain on view until mid-March. Come and see them before they're gone! Please call Joe Nagel at 228-5586 for Collector Shop hours.

## Museum of Anthropology

The Museum of Anthropology is open Wednesday through Sunday from noon to 5 p.m. and on Tuesdays from noon to 9 p.m. Admission is free on Tuesdays. The museum is currently featuring a special exhibit entitled *Cedar! Other* museum activities:

\***Free Identification Clinics:** Bring objects from your collections for assistance with identification and conservation. March 26, April 30 at 7 p.m.

\***Snake in the Grass Moving Theatre.** Clowns Garbanzo and Koko perform Sunday afternoons at 2:30 p.m. until March 10.

\***Native Youth Programs.** Native youth workers present illustrated talks on traditional aspects of Northwest Coast Indian life. Sundays, hourly from 1 to 4 p.m.

\***Temporary Exhibits.** Changing Tides: Selections from the museum's Asian Textile collection; and Four Seasons: Seasonal Activities of Prehistoric Indian Peoples in B.C.

\***Behind-the-Scenes Tours.** Miriam Clavir, museum conservator, conducts tours of the new Conservation Laboratory. Tour group size limited to 12 and each child under 10 must be accompanied by an adult. March 29 and April 26 at 2:30 and 3:30 p.m.

\***Flute-Making Workshop.** Two Saturday afternoons March 2 and 9, at 1:30 to 4:30 p.m. For children 8 years and older.

\***Basketry Workshop.** Saturday, April 13 and Sunday, April 14. 9 a.m. to 4:30 p.m. Registration is limited to 15.

For more information on museum events, call 228-5087.

## Badminton Club

Faculty and staff badminton club meets Tuesdays 8:30 - 10:30 p.m. and Fridays 7:30 - 10:30 p.m. (except Feb. 22) in Gym B of the Robert Osborne Sports Centre. New members welcome.

## Dance Horizons

Dance Horizons (formerly Danceworks-UBC) is an innovative new dance formation comprising a diverse group of students, many of whom have had little or no dance training, performing works by some of Vancouver's best choreographers. Dance Horizons celebrates the coming of spring in a program of new dance works entitled "Equinox". It is to be presented the weekend of Feb. 22-24, 8:30 p.m. at the UBC Old Auditorium. The program is funded in part by grants from the UBC Alumni Fund, the John M. Buchanan Memorial Fund, the Walter H. Gage Memorial Fund and Ballet-UBC-Jazz. Tickets are \$6, \$5 for students and seniors. For information, contact 228-6668.

## Fine Arts Gallery

*HYPOSTYLE: In Support of Culture*, an installation by Greg Snider, is on display until March 16. Gallery hours are 10 a.m. to 5 p.m. Tuesday through Friday and noon to 5 p.m. on Saturdays. Free admission.

## Language Programs

French and Spanish non-credit conversational programs begin the week of March 4. A Saturday morning class in Language Teaching Techniques is also available. For more information, contact Language Programs and Services, Centre for Continuing Education, at 222-5227.

## First Class Mail

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