

Volume 29, Number 6

March 16, 1983



Every photographer hopes to capture a special moment or two in the course of his career... and for Greg Morton, a medical photographer in UBC's Department of Biomedical Communications, one of those moments came March 9 as Queen Elizabeth was leaving the Health Sciences Centre Hospital, the final stop on her hour-an-a-half visit to UBC. A young spectator stepped out of the crowd as the Queen approached, presented a bouquet to her and then, remembering her manners, curtsied, to the obvious delight of the guest of honor and the watching crowd. For another view of the royal visit, turn to page 2 for another instalment in the UBC Reports series, "A Day in a Life at UBC."

Board approves housing increases

Most single students living in campus residences will face slightly higher rates in September, although a few in Totem Park will pay less for their rooms than they are paying this year.

The UBC Board of Governors has approved increases averaging five per cent in Place Vanier and Totem Park, and increases of three per cent for the Walter Gage Residence.

At Totem Park, however, in order to bring daily room rates in line with those of Place Vanier, the rate changes will range from a decrease of 1.6 per cent to an increase of 7.7 per cent.

The daily rate for residence food service also goes up five per cent to \$6.30.

Term fees for the period Sept. 1, 1983, to April 30, 1984, are as follows:

Gage hi-rise—\$1,628.10, Gage low-rise—\$1,720.44, Vanier/Totem suite—\$3,169.53, large single—\$3,079.62, single—\$2,863.35, double—(per person) \$2,664.09. Fees for Totem Park and Place Vanier include meals.

Rents for housing occupied by married students in the Acadia Camp area (mostly Second World War army huts) will increase 27 per cent, or an average of \$30 a month, to provide funds to upgrade and repair some of the camp units. On Sept. 1,

monthly rental rates in the camp will vary from a low of \$107 to a high of \$450.

A rental-rate increase for married students occupying accommodation in Acadia Park (high-rise apartment block and townhouses and units on President's Row) will be postponed until April 1, 1984, in order to bring the rent-increase year in line with the UBC budget year.

The Board of Governors was told that tenants' associations in each campus residence area had agreed to the rentalrate increase following consultations with the UBC housing department.

1983 an 'exceptional' year for UBC Conference Centre

When Susanne Nikles, manager of the UBC Conference Centre, says that 1983 is going to be an exceptional year for the centre, she isn't exaggerating.

More than 30,000 delegates have booked 163,000 bed nights at UBC this summer.

"We have several big conferences booked this summer," says Ms. Nikles. "The two largest are the Learned Societies, a group of 70 academic organizations spanning the humanities and the social sciences which meets annually at a university setting in Canada; and the World Council of Churches. The Learned Societies will meet from May 29 to June 8 and the World

Council of Churches will be here July 20 to Aug. 11.

"Other groups attending in large numbers are the Association of Country Women, which is, as it sounds, a group of women from rural areas; the Unitarian Universalists and the Association of Neurochemists."

In total, there will be 150 groups on campus during the May to August period.

Ms. Nikles says she is surprised and pleased that the current recession hasn't affected business at the Conference Centre.

"In fact, this year we're busier than usual."

Industrial Education in danger

If the provincial government stops paying a grant to UBC to train industrial education teachers, the program will have to be abandoned, Dean of Education Dr. Daniel Birch said this week.

"This program was undertaken by UBC at government request in 1957," said Dean Birch, "when the Faculty of Education had only just begun. The funding has always been via direct grant from the ministry of education or the ministry of universities."

Now, he said, the ministry of universities says there will be no special grant for 1983-84 and that the program should be covered by the regular budget of the University.

"Certainly we could not find \$1.2 million at the expense of other education programs; our other programs already have been pared to the bone," Dean Birch said. "It is disappointing to find that the government is withdrawing special funding for this program for which there is great demand and interest."

There are 79 students in the program this year, including 42 skilled craftsmen who are taking a one-year certificate course to qualify them as teachers of industrial arts at the secondary school level. The other 37 students are in third or fourth year of the regular five-year UBC program that leads to a bachelor's degree for secondary education. Like the craftsmen, they will be qualified to teach industrial education.

Although the program is a division of the UBC Faculty of Education, the actual teaching takes place at a building adjacent to the B.C. Institute of Technology in Burnaby. It was built with federal funds and contains more than a million dollars worth of special equipment — for training in such areas as metalworking, woodworking, electronics, power mechanics, drafting, design, etc.

The program has 10 faculty members, seven technical assistants and a technician.

Dean Birch, noting that UBC is the only university involved in the training of industrial education teachers, said that if the minister of universities wants to tidy up his books by making the \$1.2 million part of the government's grant to the Universities Council, which allots funds to UBC, Simon Fraser University and the University of Victoria, he would have no objection.

"So long as the money is earmarked for the industrial education program, in keeping with UBC's agreement with the government, then the method of getting the grant to us isn't important," he said. "But it is critical to the maintenance of the program that this million dollars be kept separate from whatever UBC receives as a general operating grant for 1983-84."

A DAY IN A LIFE AT UBC

A King who became Queen for a day

Joan King is the administrative clerk in the Ceremonies Office and she is the third person to be featured in the series, "A Day in a Life at UBC."

Although many people on campus know there is a Ceremonies Office (the director is Dr. Ben Moyls, head of the Department of Mathematics), few realize just what is involved in making sure that something like the annual Spring Congregation for the granting of degrees goes off without a hitch for three consecutive days. The behind-thescenes detail and the necessary liaison with the Faculty Club, food services, physical plant, the registrar's office, traffic and security, off-campus printers, etc. is largely the responsibility of Joan King.

Then there are 'extras' such as the Royal Visit. Invitations to the Museum of Anthropology, invitations to the Asian Centre, invitations to the Health Sciences Centre Hospital and the ensuing replies, parking permits and countless other details.

UBC Reports asked Joan King about her work in general and about one day in particular. It was two days before the Royal Visit and it was 'dry run' or 'practice' day, with Joan King playing the key role; it was the day King got to be Queen. Here is Joan King:

The Ceremonies Office at UBC is a wonderful, interesting and exciting place to work.

Life at Ceremonies right now is providing such a variety of functions, with number one being the Royal Visit on March 9.

Today, Monday, I started with my first appointment at 9 a.m. in the Asian Centre, to set the stage for my first dry run at 10 a.m. as 'The Queen.' It went well, even though the Japanese drum dancers that the Queen will see just had to be imagined.

Back to the office to a myriad of messages. Where can the Brownies and the Girl Guides be placed? Where would be a good spot for the children from campus day care centres? Learn about a dear gentleman in his 90's and a grandmother in her 80's who want to see the Queen. Working on it.

Talk to my printer about Congregation, which is ticking away with deadlines looming. Short conversation with a blind student who is graduating this year. Has a wonderful dog. Working on a surprise there. (Editor's note to Joan: If we want off-campus publicity, let Information

Services in on the surprise.)

Shortly before noon and it's off to the Acute Care Unit to play Queen again, chauffered by none other than my boss, Dr. Moyls, a very patient man indeed. Spent a wonderful hour at the hospital as the Queen. Reaffirmed my thoughts on

what it's like to be her - oh, how lovely it is. One could get used to it.

Quick lunch and back to Ceremonies. The day after the Royal Visit we have a building opening (Home Economics) and on the Friday is the 1983 graduation class tree-planting ceremony. Must have the



Queen King is welcomed to UBC during dry run of last week's Royal Visit. Shaking Joan King's hand is the man who in real life is her boss, Director of Ceremonies, Dr. Ben Moyls. Royal umbrella-holder is Bob Jemison, photographer from UBC Audio-Visual Services.

Engineering proposal sent back to Senate

UBC's Senate will have a proposed fouryear engineering program in the Faculty of Applied Science back on its agenda when it meets tonight (March 16).

The proposed program, which went to UBC's Board of Governors on March 3 after receiving academic approval by Senate at its February meeting, was referred back to Senate by the Board for further review.

Spearheading opposition to the program at the March 3 Board meeting were UBC's Chancellor, J.V. Clyne, and Allan R. Crawford, a provincial government appointee, both of whom characterized the four-year program as a "serious mistake."

Mr. Clyne said present-day students need to have their education broadened, adding that he was concerned about the quality of education engineering students would receive under the proposed program.

Mr. Crawford said the students graduating from the four-year program would be "followers rather than leaders." He said he had asked colleagues in 35 companies across Canada for their opinion of the program and without exception they thought it was a mistake.

Board member Gerald Hobbs said he thought the proposal was a downgrading of the engineering program and the result would be that UBC would cease to have the reputation for excellence that it now enjoys.

Support for the program came from two UBC faculty members elected to the Board. Prof. Hugh Greenwood of the geological sciences department said studies had shown that a four-year program was adequate for preparing students for careers in engineering.

Prof. Peter Pearse of economics and forestry noted that the four-year program had the endorsation of the Association of Professional Engineers of B.C. "I have to infer from the proposal," he said, "that it

can be implemented without a diminution in academic standards."

President Douglas Kenny, noting that the arguments against the program had also been raised in Senate, said the applied science faculty was not about to debase academic standards. The proposed scheme, he said, would enable a group of highly qualified students to get their degrees over a shorter span of time.

He said the Board was being asked to approve the new program in principle and added that there would be cost impacts which he would bring forward for Board consideration on another occasion. There were no guarantees that the proposed four-year program would be in place for the 1983-84 winter session, he said.

Botanical Garden co-hosts CBC series

UBC's Botanical Garden has launched a television gardening show called The Western Gardener.

The 52-week series is sponsored by the B.C. Nursery Trades Association and is co-hosted by David Tarrant, education co-ordinator of the UBC Botanical Garden,

and Bob Switzer of the CBC.

Included in the show are seasonal weekly tips as well as unusual new plant material from the Botanical Garden.

It airs at 10:30 a.m. Sunday mornings on CBC-TV and is repeated during the week.

gold shovel and watering can ready — no tree can grow properly without the blessings of the Chancellor and the President.

Learned that some cedar trees had sprung up overnight, or at least over the weekend, at the Asian Centre — right where the media were scheduled to be for the Queen's visit. I think the Dean of Trees was out there in the middle of the night. . .

Off to the Asian Centre again at 3:30 p.m. for another round of being the Queen and then at four o'clock it was time for the dry run at the museum. This time Prince Philip, as portrayed by Ben Moyls, was part of the act. All went well, I think.

Back to the office to do some place cards for a dinner (Ed. note: among her many accomplishments, Joan King is an expert calligrapher) and bring some lists up to date for next day. Left for home about 6:30 p.m.

So that was Monday, March 7, but one of the great things about this job is that no two days are the same. And I must make it clear that when you are co-ordinating a large function such as Spring Congregation or a Royal Visit, you can not make it work all by yourself.

Rosanne Rumley, administrative assistant for the Cecil H. and Ida Green Visiting professorships, has an adjoining office and willing puts her own work aside to pitch in and help me when the pace becomes frantic.

Tactile atlas published

A three-year joint project between UBC's Crane Library and SFU cartographer Ray Squirrell has resulted in a tactile atlas which can be 'read' by the blind and visually impaired.

The atlas uses four textures — smooth, abrasive, fuzzy and granular — in a combination of horizontal, curved or vertical stripes, solid blocks or chevrons, to provide information on anthropological, demographic, historical, economic or geographical features of B.C.

"The project began in 1979 when the UBC Press first published the Atlas of British Columbia by A.L. Farley," says Crane Library head, Paul Thiele. "The first copy was auctioned off for the purpose of funding research for a project, which at that time was simple envisaged as recording the atlas in a talking book format.

"Then I heard about some work being done in this area by Prof. Squirrell, and it's been a collaborative effort ever since."

In addition to the tactile surfaces, the atlas features clear colors for those with low vision and an accompanying text in large print, braille or on recorded tape.

Although the atlas is not for sale, copies will be donated to the B.C. Ministry of Education's Provincial Resource Centre for the Visually Impaired for use by blind students in the regular school system, the Simon Fraser University Library, the Canadian National Institute for the Blind, and a number will remain in Crane Library for use by UBC students and for inter-library lending.

Crane Library will be holding an Open House on Thursday, March 24 and Friday, March 25 from 1:30 to 4:30 p.m. UBC faculty, staff and students are invited to view the library on Thursday, and Friday will be set aside for blind and visually impaired students and their instructors. For details, call 228-6111.

Calendar Deadlines

For events in the weeks of April 3 and April 10, material must be submitted not later than 4 p.m. on Thursday, March 24. Send notices to Information Services, 6328 Memorial Rd. (Old Administration Building). For further information, call 228-3131.

The Vancouver Institute.



Saturday, March 19 The Scottish Enlightenment and That Gadfly David

Hume. Prof. Ian Ross,

head of English, UBC.

Saturday, March 26 The Origin of the Universe. Prof. James Peebles, Physics,

Princeton University.

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

SUNDAY, MARCH 20

Violin Recital.

Concert Castello. Thomas Schoen, violin; and Allen Stiles and Sathia Aruliah, piano. Tickets are \$6 and \$8.50. Performance will be repeated at 8:30 p.m. Recital Hall, Music Building.

MONDAY, MARCH 21

Cancer Research Seminar.

Studies on the Chemistry and Biology of Nitrosamines. Dr. S. Mirvish, University of Nebraska Medical Center, Omaha. Lecture Theatre, B.C. Cancer Research Centre. 601 W. 10th Ave. 12 noon.

Poetry Reading.

Alden Nolan will give a public reading of his work. Admission is free. Sponsored by the creative writing department and the Canada Council. Penthouse, Buchanan Building.

Out-to-Lunch Phycologists.

Resource Competition in Phytoplankton. Curtis Kennedy, Botany, UBC. Room 3000, Biological Sciences Building. 12:30 p.m.

Patent Presentation.

All You Wanted to Know About Inventions But Have Been too Busy or Afraid to Ask. Presented by representatives of the Canadian Patent Office and Canadian Patents and Development Limited. Board and Senate Room, Old Administration Building. 2 p.m.

Mechanical Engineering Seminar.

Three-Dimensional Motions of Ships and Platforms in Regular Waves. Dr. H. Vaughan, Mechanical Engineering, UBC. Room 1204, Civil and Mechanical Engineering Building. 3:30 p.m.

Applied Mathematics Seminar.

Wake, Jet and Plume Perturbation Flows. Dr. Graham Wilks, Mathematics, University of Strathclyde, Glasgow. Room 229, Mathematics Building. 3:45 p.m.

Astronomy Seminar.

Application of Star Count Data to Studies of Galactic Structure. Dr. Chris Pritchet, University of Victoria. Room 318, Hennings Building. 4 p.m.

Biochemical Colloquium.

Multienzyme Complexes, DNA Precursor Pools and Replication Fidelity. Dr. Chris Mathews, Oregon State University. Lecture Hall 4. Woodward Instructional Resources Centre.

Piano Recital.

Catherine Costello, piano. Recital Hall, Music Building. 8 p.m.

TUESDAY, MARCH 22

Anthropology and Sociology Lecture. Is a Clinical Anthropologist Really Necessary? (Or Notes on an Ill-Spent Career). Dr. Peter H.

Stephenson, Anthropology, University of Victoria. Rooms 207/209, Anthropology and Sociology Building. 11:30 a.m.

Institute of Asian Research Film.

Footprint of the Buddha. Admission is free. Auditorium, Asian Centre. 12:30 p.m.

Forestry Seminar.

Working Plan for the UBC Research Forest Peter Sanders, University Research Forest. Room 166, MacMillan Building. 12:30 p.m.

Botany Seminar.

Effects of Geology on Vegetation Differentiation - Nature's Experiment in the Yukon. Dr. S Kojima, Botany, UBC. Room 3219, Biological Sciences Building. 12:30 p.m.

Student's Law Union Lecture.

Social Justice in Guatemala: The Role of Lawyers. Enrique Torres, Guatemalen lawyer. Room 178, Law Building. 12:30 p.m.

Oceanography Seminar.

Marine Mycology in Tropical Seas. Dr. G. Hughes, Botany and Oceanography, UBC. Room 1465, Biological Sciences Building.

Asian Studies Conference.

Speakers Joseph Lau, Leo Ou-fan Lee, Howard Goldblatt and H.T. Chen will discuss individual topics under the general title May Fourth Era Literature and It's Social Impact. Auditorium, Asian Centre. 3:30 p.m.

Chemistry Lecture.

Strategies in Synthetic Design. Prof. S. Hanessian, Chemistry, University of Montreal. Room 250, Chemistry Building. 4 p.m.

Gerontology Lecture.

Career Management for the Older Worker. Dr. Diana Cawood, Commerce and Business Administration, UBC. Lecture Hall 3, Woodward Instructional Resources Centre 7 p.m.

Development Education Series.

Under the Gun - A Disarming Review. Headlines Theatre. Sponsored by CUSO. For more information, call 228-4886. Upper Lounge, Interntional House. 7:30 p.m

Spencer Memorial Lecture.

Molecular Drive and The Origin of Insect Species. Dr. Gabriel Dover, Genetics, University of Cambridge. Room 2000, Biological Sciences Building. 8 p.m.

Flute Recital.

Elizabeth Stewart, flute. Recital Hall, Music Building. 8 p.m.

Chinese Garden Lecture.

A slide lecture will be presented by Joe Wai, architect, and Donald Vaughan, landscape architect, on classical Chinese gardens.

Admission is free. For more information, call 736-7512. Asian Centre. 8 p.m.

WEDNESDAY, MARCH 23

Pharmacology Seminar.

Pharmacodynamic Differences on Withdrawal of Different Beta-Blockers. Dr. Robert Rangno, Pharmacology, UBC. Room 114, Block C, Medical Sciences Building. 12 noon.

The Musical Offering by J.S. Bach. Recital Hall, Music Building. 12:30 p.m.

Swedish Literature Speaker.

Swedish writer Heidi von Born, author of more than 15 novels and several plays, will discuss contemporary Swedish literature and read selections of her own work. Room B320, Buchanan Building. 12:30 p.m.

Asian Studies Conference.

Speakers Howard Goldblatt, Leo Ou-fan Lee, Joseph Lau and Michael Duke will discuss individual topics under the general title Literature and Society in the Communist Era. Auditorium, Asian Centre. 3:30 p.m.

Statistics Workshop.

Fitting Time Series Models With Missing or Unequally Spaced Observations. Dr. Richard H. Jones, Medicine, University of Colorado. Room 308, Angus Building. 3:30 p.m.

Pacific Rim Seminar.

Politics in Japan. Arthur Stockwin, Oxford University. Room 604, Asian Centre. 4:30 p.m.

Animal Resource Ecology Seminar. The International Salmon Tagging Program. Dr. Brian Riddell, Pacific Biological Station, Nanaimo. Room 2449, Biological Sciences Building. 4:30 p.m.

International House Workshop.

A workshop is being held for international students who have completed their studies, to provide strategies that will help students readjust to their situations when they return home. For details, call 228-5021. International House. 4:30 - 6:30 p.m.

Geological Museum Meeting.

There will be an informal meeting of the Friends of the Geological Museum, with a program entitled Minerals, Museums and my Brain by curator Joe Nagel. The program will feature slides of the highlights of this year's Tucson Gem and Mineral Show. In addition, was 500 new resigners will be available for over 500 new specimens will be available for viewing. Donation at the door of \$4 per couple; \$2.50 per person; students and children admitted free. Room 127A, Geological Sciences Building. 8 p.m.

Organ Recital.

Odile Pierre, organist. Tickets are \$7 and \$8. Recital Hall, Music Building. 8 p.m.

THURSDAY, MARCH 24

UBC Contemporary Players. Recital Hall, Music Building. 12:30 p.m.

This young visitor was "on the ball" when he took in the display of the School of Rehabilitation Medicine during UBC's 1983 Open House March 11-13, which this year featured the health sciences faculties, schools and departments. For the first time ever, UBC's Open House spanned three days and included Sunday, March 13. The public turned out in record numbers for the event.

English Lecture.

Keats, Sex and Female Power. Prof. Norman Talbot, English, University of Newcastle. Sponsored by the Committee on Lectures. Room A100, Buchanan Building. 12:30 p.m.

Amnesty International UBC Film.

A Voice for Those Who Are Not Here: a film about disappearances. Lecture Hall 5, Woodward Instructional Resources Centre. 12:30 p.m.

Geological Sciences Lecture.

Major Dextral Transcurrent Displacements in North-Central B.C. Dr. H. Gabrielse, G.S.C., Vancouver. Room 330A, Geological Sciences Building, 12:30 p.m.

Educators for Nuclear Disarmament.

The Cruise Missile. Prof. Luis de Sobrino, Physics, UBC. Room 200, Computer Science Building, 12:30 p.m.

Leon and Thea Koerner Lecture.

Filming Traditional Industrial Processes: The Historian's Role. Prof. Jennifer Tann, Historian of Technology, University of Aston Management Centre, Birmingham. Room A104, Buchanan Building. 12:30 p.m.

Institute of Asian Research Film. Land of the Disappearing Buddha. Admission is free. Auditorium, Asian Centre. 12:30 p.m.

Landscape Architecture Seminar.

Addressing Issues of the B.C. Landscape (Two Examples). Dr. Lawrence Diamond, Landscape Architecture, UBC. Room 342, MacMillan Building. 12:30 p.m.

Linguistics Lecture.

Anaphora and Language Learning: The Case against Special Nativism. William O'Grady, Linguistics, University of Calgary. Room B219, Buchanan Building. 12:30 p.m.

E.S. Woodward Lecture.

1975-82: Preliminary Skirmishes and a Costly Victory. Prof. Richard G. Lipsey, Economics, Queen's University. Room 104, Angus Building. 12:30 p.m.

Philosophy Seminar.

Grounds of Rights. Prof. Alan White, University of Hull. Penthouse, Buchanan Building. 1 p.m.

Medicine Lectures.

Medical Monitoring vs. Human Rights. Is Time-Weighted Average a Good Index of Exposure? Both lectures by Dr. Gordon Atherley, director, Canadia. Centre for Occupational H & S. Room 123, Respiratory Division, Medicine, VGH, 2775 Heather St. 3 p.m.

History Seminar.

The Export of Boulton and Watt Steam Engines to Canada. Prof. Jennifer Tann, Historian of Technology, University of Aston Management Centre, Birmingham. Penthouse, Buchanan Building. 3:30 p.m.

English Seminar.

Voices of Australian Poetry. Prof. Norman Talbot, English, University of Newcastle. Sponsored by the Committee of Lectures. Room 105, East Mall Annex. 4 p.m. Physics Colloquium.

Microscopic Approaches to the Interacting Boson Model. Nick de Takacsy, Physics, McGill

University. Room 201, Hennings Building. SUB Films.

Annie. Shows are at 7 p.m. on Thursday and Sunday and at 7 and 9:30 p.m. on Friday and Saturday. Admission is \$1.50. Auditorium, Student Union Building. 7 p.m.

Botanical Garden Lecture. The Urban Public Garden - Some New Challenges. Elizabeth Scholtz, vice-president, Brooklyn Botanic Garden. Tickets are \$4. For details, call 228-3928. Auditorium, Asian Centre. 8 p.m.

UBC Contemporary Players. Recital Hall, Music Building. 8 p.m.

FRIDAY, MARCH 25

Community Planning Lecture. The Planning Process and Urban Development. Ray Spaxman, director, Planning, City of Vancouver. Room 102, Lasserre Building.

11:30 a.m. Leon and Thea Koerner Lecture.

Language and Cognition. Prof. Victoria A. Fromkin, dean of Graduate Studies and vice chancellor. University of California, L.A. Room A102, Buchanan Building. 12:30 p.m.

E.S. Woodward Lecture.

Conflicting Interpretations of the 1980-82 Campaign: A Temporary Rearguard Success or A Great and Lasting Victory? Room 104, Angus Building. 12:30 p.m.

Medical Genetics Seminar.

Juvenile Huntington's Chorea. Dr. Michael Hayden, Medical Genetics, UBC. Parentcraft Room, main floor, Grace Hospital. 1 p.m.

Continued on Page 4

Friday, March 25

Continued from Page 3

Zoology Seminar.

The Essence of Darwinism. Dr. David Hull, Philosophy, University of Wisconsin. Room 100, Wesbrook Building. 3:30 p.m.

Linguistics/Audiology and Speech Sciences Colloquium.

Acquired Dyslexia: A Case Study. Prof. Victoria A. Fromkin, dean of Graduate Studies and vicechancellor, University of California, L.A. Room D121, Buchanan Building. 3:30 p.m.

Chemical Engineering Seminar.

Lok On Pai Desalting Plant in Hong Kong. Tina Tam; and Flow of Wood Fibre
Suspensions. Robert M. Soszynski. Room 206,
Chemical Engineering Building. 3:30 p.m.

UBC Opera Theatre.

The Merry Wives of Windsor, with the UBC Symphony. Tickets are \$6 with senior and student discounts. Old Auditorium. 8 p.m.

SATURDAY, MARCH 26

UBC Opera Theatre.

The Merry Wives of Windsor, with the UBC Symphony. Tickets are \$6 with senior and student discounts. Old Auditorium. 8 p.m.

MONDAY, MARCH 28

Mechanical Engineering Seminar.

Some Turbulent Shear Flow Research in Progress at Bangalore. Prof. R. Narashimha, Aeronautical Engineering, Indian Institute of Science, Bangalore. Room 1204, Civil and Mechanical Engineering Building. 3:30 p.m.

Applied Mathematics Seminar.

Sequential Block Search. Prof. Wei-Xuan Li, Combinatorics and Optimization, University of Waterloo. Room 229, Mathematics Building. 3:45 p.m.

Geophysics and Astronomy Seminar. Laboratory Studies on an Early Stage of the Planetary Accretion Process. Dr. T. Matsui, Geophysical Institute, University of Tokyo.

Room 318, Hennings Building. 4 p.m. Biochemical Colloquium.

Heme Enzyme Structure and Function. Dr. Tom Poulos, University of California. Lecture Hall 4, Woodward Instructional Resources Centre.

UBC Opera Theatre.

The Merry Wives of Windsor, with the UBC Symphony. Old Auditorium. 8 p.m.

TUESDAY, MARCH 29

Institute of Asian Research Film.

Question of Balance. Admission is free. Auditorium, Asian Centre. 12:30 p.m.

Botany Seminar.

Herbivores, Competition, and the Structuring of Low Intertidal Algal Assemblages. Dr. M.
Dethier and Dr. D. Duggins, Friday Harbour
Laboratories, University of Washington. Room
3219, Biological Sciences Building. 12:30 p.m.

Science in Society Series.

Can We Adopt Standards Established by Foreign Agencies? Dr. David Bates, Faculty of Medicine, UBC. Lecture Hall 3, Woodward Instructional Resources Centre. 12:30 p.m.

Forestry Seminar.

Ecological Classification of Forests in Alberta and Japan. Dr. Satoru Kojima, Toyama University, Japan. Room 166, MacMillan Building. 12:30 p.m.

Oceanography Seminar.

Early Diagenesis of Amino Acids in Okhotsk Sea Sediments. Dr. Yoshiaki Kaita, Oceanography, UBC. Room 1465, Biological Sciences Building.

Preventive Medicine and Health Promotion Seminar.

Health Promotion Research in Canada. Dr. Irving Rootman, chief, Health Promotion Studies Unit, Health and Welfare Canada. Room 12, Mather Building. 3:30 p.m.

Chemistry Lecture.

Computer Simulation Studies of Molecular Solids. Dr. M. Klein, Division of Chemistry NRC, Ottawa. Room 250, Chemistry Building. 4 p.m.

Occupational Health Discussion Group.

Occupational Dermatology. Dr. R.J. Rycroft, St. John's Hospital for Skin Diseases, London. Lecture Hall 1, Woodward Instructional Resources Centre. 4 p.m.

Psychology Colloquium.

Stories: The Functions of Structure. Dr. Jean Mandler, University of California. Room 221, Angus Building. 4 p.m.

Gerontology Lecture.

Life Long Learning and Life Span Education. Dr. James Thornton, Administrative, Adult and Higher Education, UBC. Lecture Hall 4, Woodward Instructional Resources Centre

UBC Opera Theatre.

The Merry Wives of Windsor, with the UBC Symphony. Old Auditorium. 8 p.m.

WEDNESDAY, MARCH 30

Psychology Colloquium.

Automatic and Deliberate Processes in Information Retrieval. Dr. George Mandler, University of California. Room 323, Angus Building. 10:30 a.m.

Pharmacology Seminar.

Studies of Thrombolysis in an Artifical Circuit. H. Nair, Pharmacology, UBC. Room 114, Block C, Medical Sciences Building. 12 noon. Noon-Hour Concert.

Music of Kolb, Ptaszynska, Stout and Lambert. Kathleen Rudolph, flute, and John Rudolph, percussion. Recital Hall, Music Building. 12:30 p.m.

Statistics Workshop.

Estimation of the Multivariate Normal Mean. Dr. Len MacLean, Business Administration, Dalhousie University. Room 308, Angus Building. 3:30 p.m.

Psychology Lecture.

The Development of Representation: From Knowing How to Knowing That. Dr. Jean Mandler, University of California. Room 413, Angus Building. 3:30 p.m.

Animal Resource Ecology Seminar. Insect Pests: Management or Eradication? Dr. John Perkins, Evergreen State College, Olympia. Room 2449, Biological Sciences Building.

4:30 p.m. Comparative Literature Colloquium.

Visual Language: Audience Response and Contemporary Film. Carlo Chiarenza, Hispanic and Italian Studies, UBC. Penthouse, Buchanan Building. 4:30 p.m.

THURSDAY, MARCH 31

Geological Sciences Lecture.

The Cariboo Mountains: Some Thoughts and Observations on Structure and Metamorphism. Dr. H.J. Greenwood, UBC. Room 330A Geological Sciences Building. 12:30 p.m.

Educators for Nuclear Disarmament. Economics and Arms. Prof. Maurice Levi,

Commerce, UBC. Room 200, Computer Science Building. 12:30 p.m.

Condensed Matter Seminar.

Anderson Localization in Layers and Solids. Roger Haydock, University of Oregon. Room 318, Hennings Building. 2:30 p.m.

Psychology Lecture.

Consciousness and the Construction of Emotion. Dr. George Mandler, University of California. Room 219, Buchanan Building. 3:30 p.m. China Seminar.

Aspects of Patronage at the Buddhist Caves in Yun-kang (and Elsewhere). James O. Caswell, Fine Arts, UBC. Room 604, Asian Centre. 3:30 p.m.

Physics Colloquium.

Ceramic Proton Conductors. Michael Sayer, Physics, Queen's University. Room 201, Hennings Building. 4 p.m.

Biochemical Discussion Group

Seminar.

Répetitive Sequences in the Human Genome. C.W. Schmid, Chemistry, University of California. Lecture Hall 3, Woodward Instructional Resources Centre. 4 p.m.

Native Indian Teacher Education Program, have organized a series of events March 15, 16 and 17. For details, call 228-4222.

Native Indian Programs

Through the Family and Beyond.

An evening with Virginia Satir, family therapist.

Tickets are \$10; \$7 for students. For more information, call 228-2181, local 261. Lecture

UBC will be closed on Friday, April 1 (Good

Friday) and Monday, April 4 (Easter Monday). All food service outlets will be closed on Good Friday and Easter Monday, and the SUBWay

cafeteria will be open regular hours on April 2

and 3. The Main Library will be open from 9 a.m. to 5 p.m. on April 1 and 4 and regular

weekend hours on April 2 and 3; Sedgewick Library is open from 10 a.m. to 6 p.m. on April 1 and from 10 a.m. to 11 p.m. on April 4; and the Woodward Library will be open from 9 a.m. to 5 p.m. on April 1 and 4.

A print show and sale sponsored by students in art education will be held March 28 and April 1 in the Student Union Building gallery. Gallery

An exhibit featuring 75 drawings by Group-of-Seven artist Lawren Harris is on display in the UBC Fine Arts Gallery, located in the basement of the Main Library. The exhibit continues until

April 9. Gallery hours are 10 a.m. to 5 p.m.

UBC Toastmasters International

Thursdays at 7:30 p.m. in Room 278 of the MacMillan Building. There will be a charter meeting for all former members on March 24

and a career night on March 31. New members welcome. For details, call A. Hall at 228-6294. The winner of the Feb. 24 Walter Gage

Toastmasters Club annual speech contest was

Native Indian organizations, including UBC's

UBC Toastmasters International meets on

hours are 10 a.m. to 7 p.m. Tuesday through

Hall 2, Woodward Instructional Resources

Good Friday. University Closed.

Notices ...

Print Show and Sale

Fine Arts Gallery

Tuesday through Saturday.

Friday.

Centre, 7:30 p.m.

FRIDAY, APRIL 1

Yang Family Village Exhibit

A collection of photographs of contemporary images from a peasant village in China will be on display from March 17 to April 5 in the Asian Centre. The photographs were taken by Gary and Carol Chapman, who spent two years teaching in Northwest China.

Bookstore

Jock Yorsh.

The Bookstore will be closed on Wednesday, March 30 and Thursday, March 31 for the annual inventory. Monday, March 28 will be the last day for accepting departmental requisitions.

Lost and Found

The Lost and Found is located in Room 208 of Brock Hall. Telephone, 228-5751. Hours of operation are 10:30 a.m. 1:30 p.m. on Monday and Wednesday, 11:30 a.m. 1:30 p.m. on Tuesdays, 11:30 a.m. 3:30 p.m. on Thursdays and extended hours on Friday are 10:30 a.m. - 1:30 p.m. and 2:30 - 4:30 p.m. Found items may be left at the Women Students' Office, Brock Hall 203 if the Lost and Found is closed.

Improve Your French

Quebec mature students (ages 18-98) learning English would like to correspond with B.C. residents learning French for mutual language improvement. For more information, contact Jean Marc Perreault, Tele Universite, 1819. Boul. Dorchester ouest, Montreal, H3H 2P8 or the Centre for Continuing Education Language Programs and Services at 228-2181, local 227.

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

April (application deadlines in brackets)

- Govt. of Canada: Communications Department - Marconi Young Scientist Award (5)
- NATO: Awards Senior Scientist Fellowship

May (application deadlines in brackets)

- B.C. Heritage Trust Research (1)
- B.C. Medical Services Foundation (BCMSF) Research (23)
- Bedding Plants Foundation, Inc. -Research (1)
- Canada Council: Aid to Artists Aid to Artists (15) • Canada Council: Explorations Prog. -
- Explorations Grant (1) Canadian Foundation for Ileitis & Colitis Research (15)
- Canadian Foundation for Ileitis & Colitis - Research Training Fellowship (Ontario)

- Deutscher Akadem. Austauschdienst (DAAD) - Study Visits of Foreign Academics
- Distilled Spirits Council of US Grants-
- in-aid for research (1) • Hamber Foundation - Foundation Grant
- Health & Welfare: Family Planning -
- Family Planning: Awards/Demonstrations (1) • Heighway Fund (Florence & George) -Research (15)
- March of Dimes Birth Defects Fdn. -Reproductive Hazards in the Workplace (15)
- NSERC: Strategic Grants Division - Equipment (1); — Strategic - Open Areas (1); - Strategic Grant (1)
- Royal Society of New Zealand Captain James Cook Fellowship (31)
- Science Council of B.C. Research (29) • Spencer, Chris Foundation - Foundation
- SSHRC: Research Grants Division -Research (15)

Grants (31)

• World Wildlife Fund (Canada) - Arctic Grants (15); - General Research (1)

Special Notes:

- (A) Revised SSHRC Research Grant application forms and guidelines will be available from Research Administration the first week in April. (SSHRC will not accept old forms)
- (B) SSHRC has announced that Research Time Stipends have been discontinued. (This does not affect Research Time Stipends already awarded.)
- (C) Revised NSERC Strategic Grant application forms (119) are now available.

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

> UBC Reports is published every second Wednesday by Information Services, UBC, 6328 Memorial Road Vancouver, B.C., V6T 1W5. Telephone 228-3131. Al Hunter, editor. Lorie Chortyk, calendar editor Jim Banham, contributing editor



class classe

2027