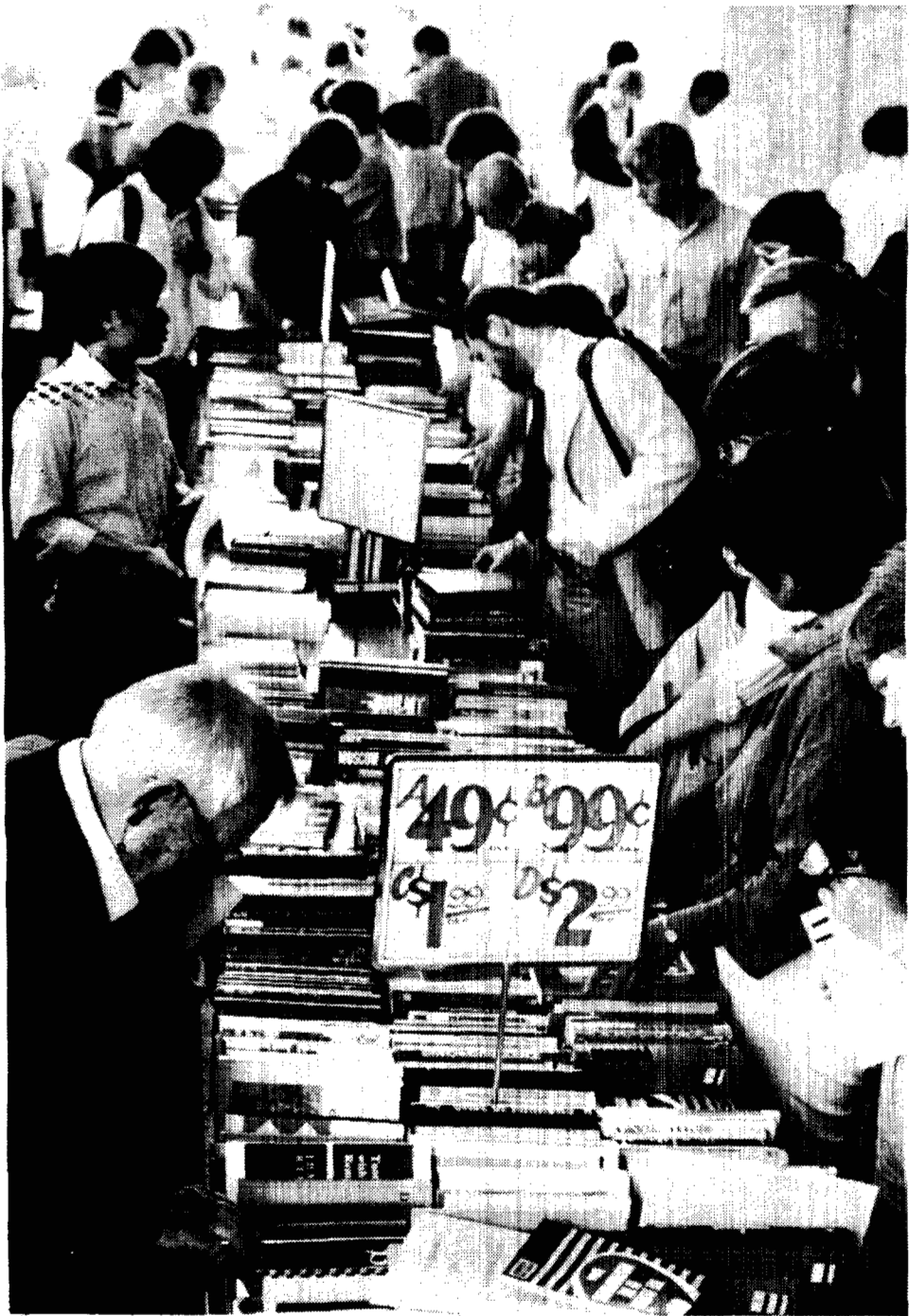


# UBC REPORTS

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Good books, good prices, good weather. Summer sidewalk sale at UBC Bookstore continues to Aug. 11, 10 a.m. to 3 p.m. daily. Paperbacks are 49 cents and 99 cents each, hardcovers \$1.99 and \$2.99.

## Pulp and paper centre gets gov't okay; going to tender

A \$6-million Pulp and Paper Centre at the corner of East Mall and Agronomy Road will soon go to tender.

Construction of the building was approved last week by the provincial government.

The centre will be used for graduate student research and education related to the pulp and paper industry, said Dr. Richard Kerekes, director of the centre. In addition to student research, the building will house a pulp and paper library, and teaching laboratories.

The industry will provide about \$1 million a year towards the operation of the centre when it is completed.

Dr. Kerekes is also a division director in the Pulp and Paper Research Institute of Canada (PAPRICAN), the research arm of the industry. He came to UBC six years ago to establish a collaborative postgraduate program between UBC and PAPRICAN.

He said the UBC Pulp and Paper Research Centre complements another PAPRICAN project on campus — a \$15-million PAPRICAN staff research building, funded by the federal government. It will be built in the UBC Discovery Park on Wesbrook Mall.

The emphasis on research and graduate student education is part of industry efforts to ensure its longterm competitiveness in the world market place.

PAPRICAN has also recently made a number of fellowships available to postgraduate students in UBC's new pulp and paper engineering master's degree program, as well as to a similar program at McGill University, with which PAPRICAN had a long relationship before establishing a Western Canadian base at UBC.

## Conference centres on new discoveries in cancer research

Healthy adult mice developed from a single cancer cell are thriving in cancer research laboratories. In spite of having grown from a cancer cell, they are completely normal.

The mice are part of a series of discoveries made recently that have changed scientific thinking on the cause and treatment of cancer.

Prior to the discoveries, scientists believed that cancer was always associated with a mutation or change in the basic genes making up a cell.

They also believed that anti-cancer drugs work — when they do succeed in bringing about a cure — by killing all the cancer cells.

Not so.

The results of recent research stimulated by the discoveries is the subject of the second annual Terry Fox Cancer Conference at UBC from Aug. 1 to 4.

Explaining the discoveries on which the conference is based was Dr. Joanne Emerman of UBC's anatomy department, a conference organizer:

"All of us are, of course, derived from a single cell formed by the fertilization of an ovum from our mother by a sperm from our father. Every cell in our bodies has the same genes derived from the genes in that original cell.

"But the different cells of the body use the genes in different ways.

"A liver and bone cell, for example, have the same genes. But a liver cell will only use those genes required for the cell to function as a liver cell or to produce new liver cells. The liver cell only expresses — to use a genetic term — those certain genes, in the same way that a bone cell only expresses other genes that permit it to be a bone cell or to form new bone cells.

"Changes in the expression of genes is called epigenetics, and the title of the conference is Epigenetic Regulation of Cancer.

"Recent research has shown us that a gene can mutate and turn a cell malignant without causing a tumor because the malignant potential of the cell isn't expressed. Some influence suppresses the expression.

"We also know now that a healthy cell with normal gene structure can become cancerous due to a change in the expression of the normal genes but without genetic mutation. Again, some influence has altered expression of the genes. In this case, the cell stops its normal functions and becomes cancerous."

This is how the paradoxical mice were developed. Researchers injected cancer cells into a normal, fertilized mouse ovum. Instead of producing a mouse embryo that was cancerous, the result was a normal, healthy mouse. What happened is that the

## TV commercial shot on campus

A Japanese company has been filming a television commercial on the UBC campus for the past three days. Shooting was to end today (July 18).

The commercial features young people wearing TRAD (for traditional) clothing — blazers, flannels, ties, etc. — that is sold by a Tokyo department store.

The company paid a location fee to the University.

normal fertilized ovum had inhibited the expression of malignancy.

Dr. Emerman said the conference will deal with factors involved in regulating gene expression — those associated in forming cancer and those involved in preventing it.

About 250 delegates from around the world are expected to attend.

Other conference organizers are Drs. Nellie Auersperg of UBC's anatomy department, and Connie Eaves of UBC's medical genetics department and the Terry Fox Laboratory in the B.C. Cancer Research Centre.



Dr. Roland Illick, a Middle East expert from Middlebury College, Vermont, is teaching at UBC this summer and will give a free public lecture at 12:30 p.m. Monday (July 23) in Room 100 of the Geography Building. His topic will be "Lebanon: An Analysis of a World Flash Point."

## 2 UBC composers among winners

Eight Canadian composers under 30, including two from UBC, have shared \$6,000 in prizes awarded by the Performing Rights Organization of Canada in the sixth annual Young Composers Competition.

Douglas Garth Schmidt, 28, has won \$800 for a chamber work entitled *Music for Pennywhistle, Accordion and Mandolin*, and Glenn Buhr has won \$500 for a work for orchestra, *Beren and Luthien*.

Mr. Schmidt is completing his Master of Music degree at UBC and will begin doctoral studies in the fall.

Glenn Buhr received his M.Mus. from UBC in 1981 before going on to doctoral work at the University of Michigan.

# History repeats itself at Crane

Two students working at UBC's Crane Library for the Blind this summer under the provincial government's Youth Employment Program were repeating history.

Laurie Bellefontaine, a blind student in the Department of Linguistics, and Lena Dal Santo, a sighted second-year French student, took up the work begun by Charles Crane, a blind and deaf student who attended UBC in the 1930s.

When Charles Crane came to UBC there were no braille books available to him. So he set about creating his own textbooks with the help of volunteers and paid helpers who slowly spelled out the text of print books into his hand while he transcribed the material into braille on a special typewriter. Many of the almost 10,000 braille volumes he left to the library which bears his name were created in this fashion.

This summer Mrs. Bellefontaine and Ms. Dal Santo spent two months transcribing a 675-page textbook which Mrs. Bellefontaine will use in a second-year French course in the fall. Crane Library has a recorded 'talking book' of the text, but the tactile braille edition is more effective for learning spelling and structure, especially in foreign languages. The two women, who produced about 35 pages of braille each day, completed the French text and supplement at the end of June.

It was all business and few breaks for the women as they rushed to meet their June deadline. This made for long and boring days for Crystall, Mrs. Bellefontaine's black labrador guide dog. Crystall snoozed away the warm summer days until quitting time.

Ms. Dal Santo says that having to read aloud accurately in French has improved her pronunciation. She hopes the practice she gained this summer will help her as she continues her studies in the French department, which sponsored her for the project.

She has also learned quite a bit about braille, and could tell just from watching Mrs. Bellefontaine type whether she had made a mistake.

Mrs. Bellefontaine says she has learned a great deal about transferring print information into braille, especially adapting tables so they can be used by blind students. Although she has used braille books all her life, she says she has a new respect for the time and effort required to create this type of special book.

A second unique YEP project is being carried out at Crane Library by Enrique Merkt, a third-year Arts student with a background in audio recording. He is reviewing talking books produced before 1975 to determine whether they have deteriorated in sound quality.

Little is known about the archival quality of tape recordings — how long they will last before they fade like old

photographs. Mr. Merkt is particularly hunting for 'print-through' — echoes of previous passages leaking through the windings of reels or cassettes. This is caused by the magnetic properties of recording tapes.

When Mr. Merkt finds deterioration, he uses some of the sophisticated equipment in the Crane Recording Centre to

electronically restore and enhance the talking books, a method which is much cheaper than re-recording these works.

Because of Mr. Merkt and this special project, the blind and visually impaired who use Crane Library's unique collection of talking books will not have to strain their ears to enjoy some of the classics.



Lena Dal Santo (left) and Laurie Bellefontaine

## Math wizards come from afar

The IQ level at UBC soared this month when 80 mathematicians from 14 countries converged on the campus for a 10-day conference on algebraic geometry.

The conference, held July 2 to 12 under the auspices of the Canadian Math Society, attracted mathematicians from as far away as India, Australia, Mexico, and Poland.

A series of three lectures were given by seven principal speakers, and additional afternoon seminars and one-hour talks were also arranged.

Conference organizer Dr. James Carrell says he had no trouble attracting top people in algebraic geometry to Vancouver. He described the conference as being of "very high quality," adding that algebraic geometry is "probably the most difficult area in mathematics."

The conference was funded by the Natural Science and Engineering Research Council (NSERC). A proceeding of the conference will be published jointly by the Canadian Math Society and the American Math Society.

## GRANT DEADLINES

Granting agency: The Canadian Red Cross Society.

Type of grant: Research — National Health Study.

Agency deadline: July 30, 1984.

The Canadian Red Cross Society has identified the concept of 'Health Assessment and Followup for 6-14 year olds' as a program area of potential interest. The Red Cross now requires input from experts in related fields of research as to the type of health assessment and followup program which should be established.

This 'Call for Principal Investigators' invites interested individuals who might wish to collaborate on this project to develop and submit to the Red Cross a description of the model upon which they believe the proposed health assessment and followup program should be based. Should any faculty members be deterred from submitting a proposal because of the July 30th deadline, please contact the society to negotiate an agreed-upon submission deadline.

Applications, with a copy for Research Services, should be received at least one week before the deadline, and must already have the signatures of the applicant, department head or director, and dean. It is the responsibility of the applicant to forward the application to the granting agency.

For further information call 228-3652. Guidelines are available from the Office of Research Services.

## Oarsmen still need funds for Olympics

The Friends of Rowing Olympic Rowing Fund (which has been designed to raise the money necessary to send the 15 UBC/VRC athletes to the Los Angeles Olympics) has released an interim report on the fund-raising effort at the approximate halfway point.

With three weeks to go before the Olympics, the fund was still short of its target by \$2,530.

UBC/VRC Friends of Rowing Chairman John Richardson commented on the Fund: "Thus far, we've raised \$4,970, which is an outstanding show of support for these Olympic rowers from the British Columbian community. Each athlete on the Olympic team must pay a \$500 Canadian Amateur Rowing Association entrance fee to get to Los Angeles, and several of them have excellent opportunities to bring home medals for Canada.

"Our goal is \$7,500 (15 x \$500 each), and we'd like to reach that by the closing date of our fund, July 28th," he commented. "Any size donation is acceptable and we would certainly appreciate any support the community can offer."

UBC/VRC has a number of individuals who are prospects for medals. Pat Turner and Paul Steele are on the men's Olympic eight, which finished first at the Lucerne regatta recently. Trisha Smith and Betty Craig are solid prospects for medals in the pairs, while Lisa Roy and Tim Turner are in the fours.

Any excess funds raised above the target of \$7,500 will go toward the UBC/VRC competitive program which is already building towards the 1988 Games in Seoul, Korea. Tax deductible cheques can be made payable to the UBC/VRC Olympic Rowers Fund, c/o The Vancouver Rowing Club, P.O. Box 5206, Vancouver, B.C. V6B 4B5.

For more information, please contact Friends of Rowing chairman John Richardson at 921-7901 or 687-2848.



Elected to the B.C. Sports Hall of Fame last month was this 1945-46 UBC Thunderbirds basketball team. Champions of the Pacific Northwest Collegiate Conference, the 'Birds also defeated such teams as the Harlem Globetrotters, University of Washington, Washington State and University of Oregon. From the left here, backrow, are coach Bob Osborne, team captain Sandy Robertson, Hal McKenzie, Ole Baaken, Harry Kermod, Hunk Henderson, Ritchie Nicol and manager Garde Gardom. In the front row are Reg Clarkson, Harry Franklin, Pat McGeer, Ron Weber and the late Dick Penn, assistant manager.

# Lithoprobe goes deep, but firs are solid

Curiously, the massive Douglas firs didn't vibrate.

Source of the vibration were four seismic, all-terrain vehicles rumbling through the 500-year-old trees of Cathedral Grove on Vancouver Island. Every 10 metres or so, the line of vehicles would stop, lower vibration pads onto the road bed, hydraulically lift themselves off the ground so that all of their weight was carried by the pads, and furiously vibrate in sequence for 16 seconds.

The vibrations were strong enough to send involuntary shivers through the feet of anyone standing nearby, and to penetrate about 40 kilometres down into the earth's crust or lithosphere, and echo back again into listening devices on the surface called geophones.

But not a quiver could be felt through the palms of the hands held against the colossal trees, saying something for the plastic nature of the earth compared with the stolidity of wood.

Earlier this summer the vehicles vibrated their way across some 20 kilometres of Vancouver Island backroads as part of a national earth science project called lithoprobe.

The interdisciplinary project is a major initiative that includes geologists, geophysicists and geochemists from universities, government and industry.

Principal investigator is Dr. Ron M. Clowes, professor in UBC's geophysics and astronomy department.

Object of the work, according to Dr. Clowes, is to develop a profile of the deep crust and map the major features underlying the island.

According to the theory of plate tectonics developed in the past two decades, the lithosphere is made up of a number of plates moving independently of each other on a bed of partly molten rock, like a cracked egg shell over a soft-boiled egg. The plates move away, towards or along side each other. Most of the world's earthquakes occur where the plates meet.

Vancouver Island was formed by two



At the controls of a recording truck is UBC geophysicist Dr. Ron Clowes. Recording equipment in the truck is connected via cable to 4,000 "geophones" picking up echoes along 10 kilometres of cable on Vancouver Island. Aim of the project is to detail the earth's crust under the island.

small, separate plates which originated thousands of miles southwest of the island in mid-Pacific. They attached themselves to the west coast of North America about 60 million years ago in a process called terrain accretion.

The Juan de Fuca plate west of Vancouver Island continues to move eastwards onto the B.C. coast at a rate of a few centimetres per year, curling down under the plate that makes up the North American continent.

"When a plate is forced beneath another, the process is called subduction," said Dr. Clowes.

"We want to get a detailed cross section of the crust beneath the surface of the island to better understand the accretion that took place millions of years ago when the island was formed, and the subduction that is still going on as the Juan de Fuca plate passes under the island.

"If we succeed with either objective, we will achieve a scientific first."

In addition to basic scientific information, the project has some practical implications. By identifying faults or large fractures between rock formations, "we may be able to determine pre-existing zones of weakness," he said, "where future earthquakes could occur."

The studies can also be used by the mineral and petroleum industries as background information. Oil and gas companies will have a better idea of where not to look for deposits, and mining companies may know more precisely where to concentrate their exploration.

"Ore bodies are often associated with areas in the crust where plates come together," Dr. Clowes said. "So understanding the geological architecture in such places helps us understand why large deposits occur where they do and where others might be."

One such region is associated with the Kapuskasing structural zone in the Precambrian Shield of northern Ontario. The region has a high concentration of mines.

Rocks once buried 15 to 25 kilometres under the earth were pushed up along the fault line 2.5 billion years ago and are now at the surface. Lithoprobe will profile a cross section of the large-scale features remaining since the uplifting took place in the Kapuskasing zone.

Source of the \$1,150,000 the project will cost is the Natural Sciences and Engineering Research Council of Canada and the federal Ministry of Energy, Mines and Resources.

Dr. Clowes says that a proposal to extend the program across all of Canada over five years and at a cost of \$25 million is being prepared.

"The goals of the extended program would be the same as those for this summer — basic scientific information and practical data related to earthquakes, petroleum reservoirs and mineral deposits in the geologically important regions of Canada."

## Plenty to see at TRIUMF this summer

This summer, visitors to the world's largest cyclotron will view how tiny particles, speeding at up to 75 per cent the speed of light, are used to kill cancerous tumors. The tiny particles — called pions — are used to quickly and efficiently kill brain and pelvic tumors of patients in the Batho-Biomedical facility at the TRIUMF cyclotron site, on the UBC campus.

TRIUMF is a world-class particle physics laboratory operated by the universities of Alberta, British Columbia, Victoria and Simon Fraser. Scientists come to TRIUMF from across Canada and around the world to conduct studies into the nature of atoms.

Included in the TRIUMF studies is the pion cancer therapy project and TRIM — dedicated to developing safer and more effective medical radioisotopes.

TRIUMF also assists the UBC PET project, supplying tiny particles called positrons which are used to painlessly take pictures of a living, working brain. Pictures from the PET scanner are used in the diagnosis and treatment of tumors and neuro-muscular diseases.

The daily TRIUMF tours include introductory information on the cyclotron and a guided walk through the laboratory complex where particles of atoms are accelerated up to 224,000 km/second.

Inside the complex, visitors will view the Meson Hall, where experimenters study particles that live for a mere 26 billionths of a second to answer questions about the ultimate composition of our universe; and the TRIUMF control room, where the velocity, direction and destination of the speeding particles are regulated.

Free TRIUMF guided tours are held Monday through Friday at 11 a.m. and 2 p.m. Each tour lasts roughly one hour. Visitors are requested to arrive at TRIUMF reception, 4004 Westbrook Mall, UBC Campus, at least five minutes before tour times. Groups are requested to call (604)228-4711 at least 24 hours in advance.

## CAMPUS PEOPLE

Dr. John Silver, head of UBC's Department of Oral Medicine, has been elected president of the College of Dental Surgeons of British Columbia.

The College administers the Dentists Act of B.C. and is authorized to protect the public interest in matters relating to dentistry. It is responsible for examining, registering and annually licensing dentists, dental hygienists and certified dental assistants. It is also the professional association for dentists.

Dr. Silver is the first fulltime member of the Faculty of Dentistry to serve as president of the college.

Dr. Roy Nodwell, former head of UBC's physics department, was honored at this year's meeting of the Canadian Association of Physicists.

A number of his former students presented papers at a special session in his name. The papers were on plasma physics, the study of ionized matter at extremely high temperatures.

UBC has the largest group of plasma physicists of any Canadian university.

A group of UBC plasma physicists headed by Dr. Nodwell have spun into commercial production an extremely powerful lamp called the Vortek lamp.

Dr. Nodwell is now chairman of the Science Council of B.C.

Prof. Peter Stenberg of the Department of Germanic Studies has been awarded a renewal of his grant from the Alexander von Humboldt Foundation of West Germany. Prof. Stenberg will be spending a second leave year at the Universitat Augsburg to continue his research on the German-language literatures of central and eastern Europe.

## Students gamble that fair will attract kids, parents

Two enterprising students from the Faculty of Arts are gambling that a 'take part' family arts fair will attract at least 2,000 parents and kids to the Thunderbird Winter Sports Centre on July 28 and 29.

Wendy Wilkins and Trish Guillou figure they'll need at least that many to break even after paying for rental of the centre and a myriad of other costs.

Advance tickets are available through all Vancouver Ticket Centre/Concert Box Office outlets, or may be ordered through Ms Wilkins at 222-1265. Tickets are \$2 for adults, \$2.50 for one-parent families and \$4.50 for two-parent families, and the price of admission includes all activities, games, displays, entertainment and most workshops. Admission at the door will be 75 cents for children, \$3 for adults.

In Wendy Wilkins' words, this is what the fair is all about:

"It is a unique family festival that will run from 10 a.m. to 10 p.m. July 28 and 29, Saturday and Sunday.

"The focus is on participation in a wide variety of arts, and all events are for both children and adults to enjoy together."

"We plan on workshops in the creative arts — clowning, mime, painting, etc; the physical arts — tai-chi, dance, baby massage etc.; the technical arts — computer graphics, photography, etc.; and the spiritual arts — meditation, yoga, etc."

"We also plan on speakers in such areas as family politics, parenting, raising children for a world of peace, etc., and speakers will be interspersed with story tellers, puppeteers and dramatics. Relevant and fun films will be shown throughout the weekend.

"Outside, there will be a wide variety of games, activities and entertainers. Costuming, water balloon fights, face-painting, trampolines, clowns, a hot air balloon and musicians are all planned.

"There will be more than 100 booths and displays, with the focus on participation, and lots of good food will be available.

"A highlight of the fair will be a parade

at 12 noon on July 28. Come in costume, decorate your bicycle, bring an instrument, a dance or a friend and join the parade."

Apart from the need for paying participants, the two young impresarios also could use some volunteers to help with the fair. Contact Wendy Wilkins if you'd like to take part.

## East Asian masks shown

Smiling, leering, beckoning or beguiling — more than 100 masks from Korea, China and Japan are on display at UBC's Museum of Anthropology in the museum's major summer and fall exhibition, *Hidden Dimensions: Face Masking in East Asia*.

The exhibit, co-sponsored by UBC's Institute of Asian Research, continues through October.

The show includes a sampling of the thousands of masks that have been used, and are still used today, in East Asia. The earliest masks are rare Japanese Buddhist professional masks dating from the 12th century. Delicately carved Noh masks, earthy, expressive Kyogen drama masks and brightly painted contemporary folk masks of legendary heroes, heroines and demons are also displayed.

A highlight of the exhibit is a large selection of gourd and papier mache masks from the Yangju and Pongsan dance dramas, two of the most important Korean traditional folk dramas. These masks have never been displayed before in the Lower Mainland.

Throughout the centuries face painting, another form of masking, has become a high art form in Chinese opera, involving thousands of intricate patterns. The museum display explains these patterns and associated character roles.

At the show's entrance there is a special mirrored area where visitors are invited to try on and play with a mask created for the exhibit by maskmaker Paul Gibbons.

# UBC CALENDAR

## Calendar Deadlines

For events in the weeks of August 5 through Sept. 8, material must be submitted not later than 4 p.m. on Thursday, July 26. Send notices to Information Services, 6328 Memorial Road (Old Administration Building). For further information, call 228-3131.

## SUNDAY, JULY 22

### Vancouver School of Theology Lecture.

Ministry with Youth in a Video Age. Prof. Henry Simmons, Garrett-Evangelical Theological Seminary, and Mrs. Helen McDonald, Loyola. St. Andrews Wesley United Church, Burrard and Nelson, Vancouver. 7:30 p.m.

### Early Music Recital.

The Early Italian Baroque. Nigel Rogers, tenor; Ray Nurse, lute; Ton Koopman, harpsichord; Monica Huggett, Baroque violin. Recital Hall, Music Building. 8 p.m. Ticket information, 732-1610.

## MONDAY, JULY 23

### Middle East Lecture.

Lebanon: An Analysis of a World Flash Point. Prof. Roland Illick, Middlebury College, Vermont. Room 100, Geography Building. 12:30 p.m.

## TUESDAY, JULY 24

### Immunology Seminar Group.

Glycoprotein Antigens of Human Neutrophils: Their Possible Role in Phagocytosis. Dr. Frank Symington, Fred Hutchinson Cancer Research Centre, Seattle. Room 201, Wesbrook Building. 11 a.m.

### Bio-Resource Engineering Lecture.

Water Management Investigation in Bangladesh. Prof. T.H. Podmore, Colorado State University. Room 158, MacMillan Building. 3:30 p.m.

### Music for Summer Evenings.

Classical guitar program with the addition of sonatas for violin and guitar by Pagnani. Bruce Clausen, guitar; and John Loban, violin. Free admission. Recital Hall, Music Building. 8 p.m.

## WEDNESDAY, JULY 25

### Botanical Garden Tour.

For UBC faculty and staff. Tour starts at 11:30 a.m. at the Main Garden gate, 6250 Stadium Road. The tour should end at 12:30 p.m.

### Chemical Engineering Seminar.

Theory of the Motion of Charged Bubbles in an Electric Field. Dr. Sam Levine, University of Manchester. Room 206, Chemical Engineering Building. 2:30 p.m. (Coffee Room 204, 2:15 p.m.)

### Summer Film Series.

*Scarface*. Admission is \$2. Auditorium, Student Union Building. 8 p.m.

### Frederic Wood Theatre.

Opening night of Charles Chilton's musical *Oh, What a Lovely War*, presented by Stage Campus '84. Continues until Aug. 4. For ticket information, call 228-2678 or drop by Room 207 of the Frederic Wood Theatre. 8 p.m.

## THURSDAY, JULY 26

### Immunology Seminar Group.

A Monoclonal Auto Anti Idiotype Antibody which Identifies a Regulatory T Cell. Dr. Karen Nelson, Fred Hutchinson Cancer Research Centre, Seattle. Room 201, Wesbrook Building. 11 a.m.

### Music for Summer Evenings.

Masterpieces of the Sonata Literature. Music of Beethoven, Dvorak and others. John Loban, violin; and Lee Kum-Sing, piano. Free admission. Recital Hall, Music Building. 8 p.m.

## FRIDAY, JULY 27

### Early Music Recital.

Chamber Music of the Baroque. Ku Ebbinge, Baroque oboe; Janet See, traverso; Sarah Cunningham, viola da gamba; Tini Mathot, harpsichord; Nigel Rogers, tenor. Recital Hall, Music Building. 8 p.m. Ticket information, 736-1610.

## SATURDAY, JULY 28

### Musical Performance.

Mezzo-soprano Margret Kuhl, lecture/recital on "An Analysis of Hugo Wolf's Spanishes Geistlich Leider." Recital Hall, Music Building. 1 p.m.

### Summer Film Series.

Alfred Hitchcock double feature. *Rear Window* at 7:30 p.m., *Rope* at 9:45 p.m. Continues on Sunday, July 29. Admission is \$2. Auditorium, Student Union Building.

## SUNDAY, JULY 29

### Early Music Recital.

Music of the Middle Ages. Sequentia ensemble for medieval music (Cologne). Barbara Thornton, Benjamin Bagby, Margriet Tindemans. Recital Hall, Music Building. 8 p.m. Ticket information, 732-1610.

## TUESDAY, JULY 31

### Walt Disney Film Series.

*Alice in Wonderland*. Shows at 6:30 p.m. and 8 p.m. Auditorium, Student Union Building. \$2 at the door. (Will be repeated Aug. 4 at 3 p.m. and 4:30 p.m.)

### Music for Summer Evenings.

An evening of baroque music for trumpet and organ. Music of Bach, L. Mozart, Franceschini and Viviani. Thomas Parriott, trumpet; Ray Kirkham, trumpet; and Edward Norman, organ. Free admission. Recital Hall, Music Building. 8 p.m.

## THURSDAY, AUG. 2

### Music for Summer Evenings.

An evening of music for violin and piano. Music of Rossini, Freedman, Schumann, Poulenc and Brahms. Frederick Nelson, violin; and Melinda Coffey, piano. Free admission. Recital Hall, Music Building. 8 p.m.

### Summer Film Series.

*Footloose*. Shows at 7:30 and 9:45 p.m. on Aug. 2, 3 and 4. Admission is \$2. Auditorium, Student Union Building. 7:30 p.m.

## Notices . . .

### Nitobe Garden hours

The Nitobe Japanese Garden, located adjacent to the Asian Centre on West Mall, is open from 10 a.m. to 6 p.m. seven days a week, until October.

### Faculty Club barbecues

The Faculty Club is having barbecues on the following dates this summer: July 27, Aug. 10 and Aug. 24. For reservations, call 228-2708. Members only.

### Food Services hours

Campus Food Services units are open the following hours during July: Barn Coffee Shop — 7:30 a.m. to 3:30 p.m.; Bus Stop Coffee Shop (take-out only) — 8:30 a.m. to 3:30 p.m.; Arts 200 (Buchanan Lounge) — 8 a.m. to 1:30 p.m.; EDibles (Scarfe Building) — 7:30 a.m. to 3:30 p.m.; IRC Snack Bar — 8:30 a.m. to 3:30 p.m.; Yum Yum's at the Auditorium — 8 a.m. to 3:30 p.m.; Ponderosa Snack Bar — 8 a.m. to 2 p.m.; SUBWay Cafeteria — 7 a.m. to 7 p.m.

### Computers and you

The Centre for Continuing Education is offering the following computer course: Learning to Program in BASIC: Level I. Tuesdays and Thursdays from July 24 to Aug. 9, fee is \$150. For details on CCE programs, call 222-5276.

### Museum of Anthropology

Exhibits: **Hidden Dimensions: Face Masking in East Asia**; **History of London. O Canada**, a six-part experimental display. Presentation by the Native Youth Workers on Aug. 17, salmon barbecue sponsored by the Native Youth Workers on Aug. 7; Anna Wyman Dance Theatre performs on July 22, weather permitting.

Museum hours are noon to 9 p.m. on Tuesdays, noon to 7 p.m. Wednesday through Sunday, closed Mondays. For details on museum events, call 228-5087.

### Lost and Found hours

During the summer UBC's Lost and Found, located in Room 208 of Brock Hall, will be open the following dates from 9 to 11 a.m. JULY: 18, 23, 25, 30. AUGUST: 1, 8, 13, 15, 20, 22, 27, 29. Telephone number for the Lost and Found is 228-5751.

### Crane needs readers . . .

UBC's Crane Library for the blind is looking for volunteer readers to record books for blind students. People with university or professional backgrounds, especially in law, commerce or the health sciences are needed to record text and research books for blind and visually impaired UBC students. Volunteers should be good verbal readers, have clear diction and no strong accent. It is hoped that prospective volunteers can spend two consecutive hours per week in the Crane Recording Centre. For the present, Crane Library operates 8:30 to 4:30, Monday through Friday. In late August or early September, some evening or weekend hours may be added. Becoming a volunteer reader at Crane Library involves a short audition, a two-hour training and familiarization session and regular reading assignments. If you can help, please phone Crane Library at UBC, 228-6111. Ask for Paul or Judith Thiele.

### Sculpture on display

Laurent Roberge, who studied at the Emily Carr College of Art and Design from 1978-82, has returned to Vancouver to install two unique and compelling sculptural works. Confetti-sized bits of paper constitute the medium for both — **National Geographics** and **8192 Orderly Strings**. They will be displayed until Aug. 10 in the UBC Fine Arts Gallery (basement of the Main Library). Monday through Friday, 10 a.m. to 5 p.m. For further information, call 228-2759.

### Musical Performance

Saturday, July 28, 1 p.m., Recital Hall, Music Building. In partial fulfillment of the requirements for the D.M.A. degree, mezzo-soprano Margret Kuhl will give a lecture/recital on "An Analysis of Hugo Wolf's 'Spanishes Geistlich Leider.'"

### Buddhist paintings displayed

An exhibit of Buddhist paintings by Hung-fung Lee opens July 26 in the auditorium of the Asian Centre. The paintings will be displayed daily from 9 a.m. to 5 p.m. until Aug. 5.

### Frederic Wood Theatre

Stage Campus '84 presents Charles Chilton's musical *Oh, What a Lovely War*, July 25 to Aug. 4. For ticket information, call 228-2678 or drop by Room 207 of the Frederic Wood Theatre.

### Graduate Student Society Beergardens

Each Friday the Graduate Student Society holds a beergarden in the Graduate Student Centre (next to the Faculty Club). Running from 4 to 7 p.m., the Beergarden features good company and the cheapest beer on campus.

### French, Spanish and Japanese conversational classes

Three-week daytime intensive programs begin July 23 and Aug. 13. For more information or registration, contact Language Programs and Services, Centre for Continuing Education, at 222-5227.

### Walking tours

UBC's Department of Information Services offers free guided walking tours of the campus at 10 a.m. and 1 p.m. Monday through Friday. Tours can be geared to a group's particular interests. To book a tour, call 228-3131. At least one day's notice is appreciated.

### Whale watching

A whale watching expedition will be offered by the Centre for Continuing Education Aug. 11 to 15 in the Robson Bight/Blackfish Sound area. Fee is \$415, which includes tuition (\$250 income tax deductible), shared tent accommodation, food, supplies and small boat transportation. Trip begins and ends in Port McNeill. For more information, call 222-5219.

## UBC swimmer sets world mark

UBC swimmer Gary Collins-Simpson set a world record for amputees at the Olympic Games for the Disabled recently in Long Island, New York.

Collins-Simpson swam the 100 metres backstroke event in 1:08.23, despite missing the lower half of his leg, to collect a gold medal. He added a silver medal in the individual medley relay and a bronze in the 4 x 100 freestyle relay.

Canada's swim team, which was coached by UBC coach Jack Kelso, finished second to Australia.

"Working with disabled athletes was a different experience," said the UBC coach. "I was dealing with amputees who were missing various limbs. Every day I had to change my coaching techniques to suit the individual amputees. But I was excited about it. It was a great coaching experience."

## Tickets available for new season

Season tickets are now available for the 1984-85 season of plays at the Frederic Wood Theatre.

The season opens on Sept. 19 with John Osborne's play *Look Back in Anger*. William Shakespeare's *Twelfth Night* will be staged Nov. 7 to 17, Moliere's *The Imaginary Invalid* from Jan. 16 to 26, and the season ends with a musical presentation entitled *Happy End*, by Kurt Weill and Bertolt Brecht March 6 to 16.

Season tickets are \$21 for regular admission, \$13 for students and seniors. For more information, call 228-2678 or drop by Room 207 of the Frederic Wood Theatre.

First Class Mail

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