

OPEN HOUSE '95 ISSUE

THE UNIVERSITY OF BRITISH COLUMBIA

UBC REPORTS

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Nobel prize-winner Smith speaks about his research



Smith

by Gavin Wilson
Staff writer

UBC's Nobel Laureate, Michael Smith, will deliver a free public talk during Open House on Friday, Oct. 13 at 2 p.m. in Woodward Instructional Resource Centre lecture hall 2.

Smith will discuss the work that led to his Nobel Prize in Chemistry,

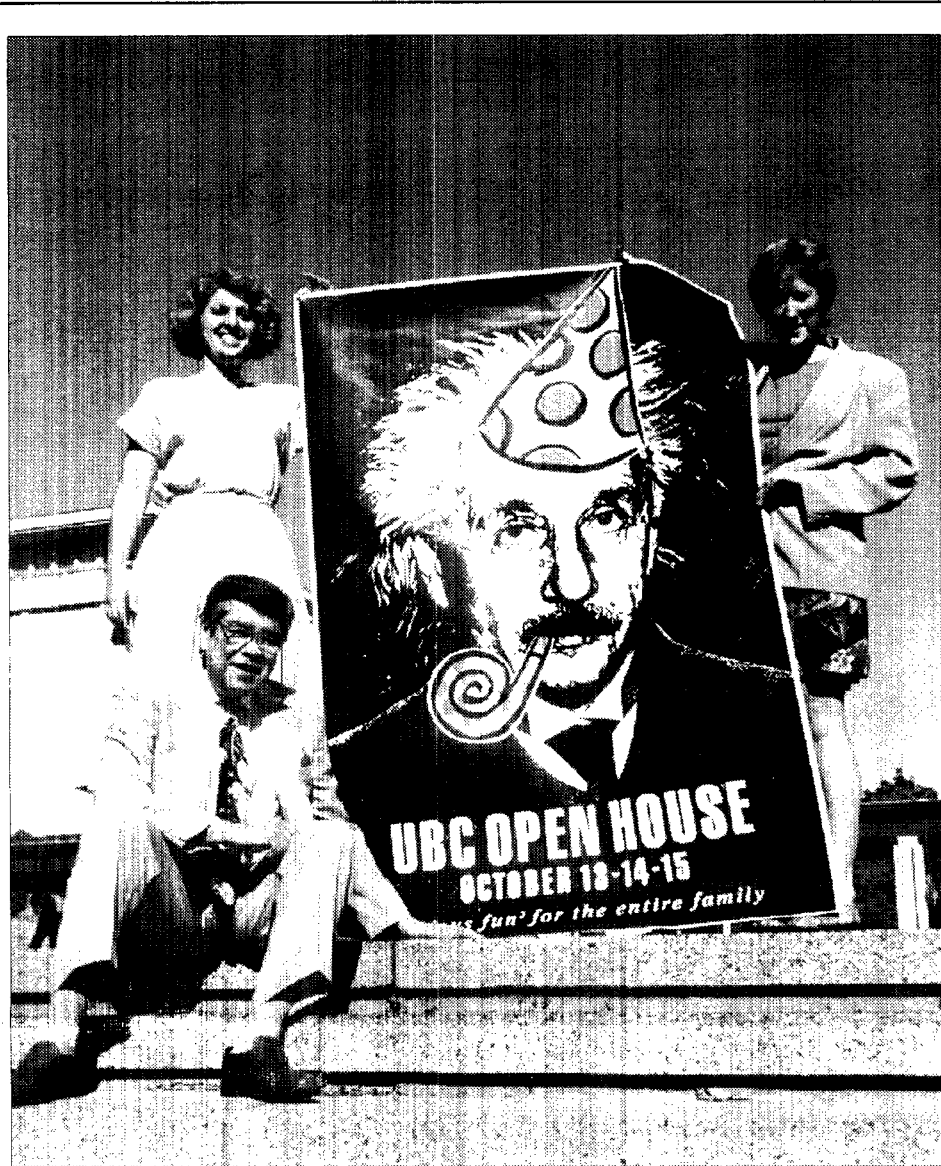
awarded in 1993 for the development of site-directed mutagenesis, a method now widely used in biotechnology that has given rise to a new field of science known as protein engineering.

Open House visitors who don't get to see Smith in person can tour the lab where he works.

Smith is director of the Biotechnology Laboratory, located in the Wesbrook Building at West Mall and University Boulevard.

On display will be activities highlighting DNA fingerprinting, insulin production and other work conducted in the lab.

A video of Smith's Nobel Prize presentation and acceptance speech will be shown each hour.



Stephen Forgacs photo

Open House = Serious Fun²

UBC Marketing Manager Debora Sweeney (right), Open House Co-ordinator Carole Forsythe and Open House Manager Jack Lee join Albert Einstein in getting ready for some serious fun as Open House '95 approaches. Organizers expect more than 200,000 people will visit campus during the three-day event.

Energy builds for serious fun at Open House '95

by Connie Filletti

Staff writer

What would you do if 200,000 people arrived on your doorstep and wanted to stay for three days?

At UBC, we'd give them a song and dance and tell them to go to the moon.

Entertainment and a chance to explore space with some of UBC's top scientists are just part of the more than 300 events, activities and displays awaiting visitors at Open House '95, Oct. 13, 14 and 15.

Whether you attend a lecture by Nobel Prize winner Michael Smith or hear jazz sensation Phil Woods play his legendary alto sax in the best bebop tradition, organizers are promising something for everyone.

"Our catchphrase for Open House '95 is 'serious fun for the entire family,' and that is exactly what faculty, students and staff are creating through exciting and interactive displays," said Jack Lee, Open House manager.

People of all ages will enjoy an array of special events planned in addition to the lectures, demonstrations and exhibits which highlight UBC's contributions to teaching and research.

Enjoy a smorgasbord of international cuisine before or after a series of daily concerts, theatre performances and outdoor stage shows.

Take a flight aboard UBC's space shuttle to Valles Marineris, a Martian canyon as long as Canada is wide.

For something more down to earth, there are tours of the Botanical Garden with the Canadian Gardener, David Tarrant, tree planting on West Mall and hints on how to create your dream landscape.

"This is a truly unique event that touches on every aspect of the human condition," said Lee. "Visitors will be amazed by the incredible range of activities taking place."

Other special Open House '95 events include UBC's 80th birthday celebrations and the opening of the new Student Rec-

reation Centre on campus.

The university's annual Homecoming festivities, sponsored by the Alumni Association, will also take place during the three-day event as will several fund-raising events for the United Way.

For younger visitors, Kid's World is a must for face painting, storytelling, crafts and a chance to play the latest interactive games.

- A detailed Open House '95 program will be available at various campus locations, including nine information kiosks.
- Volunteer hosts will roam the campus to answer questions and provide up-to-the-minute information on what's on and where.
- Open House '95 activities begin at 9 a.m. on Friday and 10 a.m. Saturday and Sunday, continuing through to 5 p.m. each day.

For more information, call the Open House Hotline at 822-1995.

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A guide to just some of the many activities featured at Open House '95

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UBC
OPEN HOUSE

AN ODYSSEY
OCTOBER 13, 14, 15, 1995

Host of services help fill all those empty spaces

by **Connie Filletti**

Staff writer

Lost? Need a ride? Hungry? UBC's Open House '95 is the place to be.

You'll feel right at home with volunteer hosts helping you navigate through an odyssey of events, a free shuttle bus service to take you there and everything from sausages to sushi to munch when hunger strikes.

In addition to the hosts - who will be on hand to answer questions and assist the public - programs and maps will be available at nine information kiosks, conveniently located near UBC parking lots and the bus loop.

Directional signs will be posted at major intersections and buildings on campus. Inside buildings, signs will point the

way to individual events and displays.

Wheelchair accessible shuttle buses will operate daily from approximately 9:30 a.m. to 5:30 p.m., taking visitors to and from parking lots and around campus. Check at any information kiosk for exact hours of service.

Visitors driving to campus can enjoy complimentary parking in any of UBC's parkades during the three-day event.

St. John's Ambulance first aid crews will be stationed on the parking lot adjacent to MacInnes Field near Kid's World, a special activity centre for young visitors to Open House '95. They will also provide mobile first aid services across campus.

There's no need to rush home for lunch or dinner when you can enjoy an array of food and beverages at 27 locations around cam-

pus, including 10 mobile operations.

Choices include barbecues, Japanese, Chinese, Mexican and Indo-Canadian cuisine, a Greek food festival and German Oktoberfest.

Specialty carts will dot the campus as well, serving hot dogs, popcorn, cappuccino, UBC cinnamon buns and ice cream.

Visitors can also savour free admission to UBC's permanent attractions such as the Botanical Garden, Museum of Anthropology and the Nitobe Garden. Admittance may be limited at peak times.

If you're looking for more treats, you can feast your eyes on performers who will be appearing on two outdoor stages and on a troupe of street entertainers including jugglers, musicians, dancers and singers.

Deans take dunk for charity

by **Stephen Forgacs**

Staff writer

It's all Greek to United Way campus campaign participants as UBC fraternities and sororities take the fund-raising helm during Open House '95.

From 10 a.m. until 5 p.m., the north plaza of the Student Union Building will be alive with the excitement and colour of the United Way Carnival.

The carnival begins with a splash Oct. 13 as UBC deans, associate deans and Alma Mater Society executives come face-to-face with students and staff keen to see them plunged into a tank of water. Proceeds from the Dunk-the-Dean tank and other carnival events will go to support United Way's 93 member agencies and community services throughout the Lower Mainland.

Sorority and fraternity members will have their share of ups and downs as they take part in a teeter-totter-a-thon. Visitors can refuel with cotton candy, hot dogs and other festival foods while taking in the action. Or they can climb into a sumo-wrestling suit and tackle an equally large opponent.

Kids and the young at heart can add colour to their appearance with face painting or a temporary tattoo, or they can get creative and make some legal graffiti.

Those craving a taste of summer can fill up while supporting United Way at the Agricultural Undergraduate Society's barbecue in the MacMillan Building courtyard.

Last year, through fund-raising activities and individual donations, UBC contributed \$272,000 toward United Way's general campaign total of \$19.1 million. The goal for the 1995

UBC campaign is \$300,000.

United Way of the Lower Mainland is a volunteer-led, registered charitable organization that focuses on needs in the Lower Mainland. Last year, 500,000 people received assistance from community services.

For information on the campaign, which runs until November 3, or to become a United Way campaign volunteer, call 822-1995.



Armchair Adventure

Visitors to UBC's Open House '95 can brave the icy waters of the untamed Tatshenshini River from the comfort of a chair. A slide-illustrated adventure presented by Continuing Studies and Brian McCutcheon will take viewers through a dramatic landscape of glaciers and canyons to the Gulf of Alaska. The adventure begins at 1 p.m., Oct. 14.

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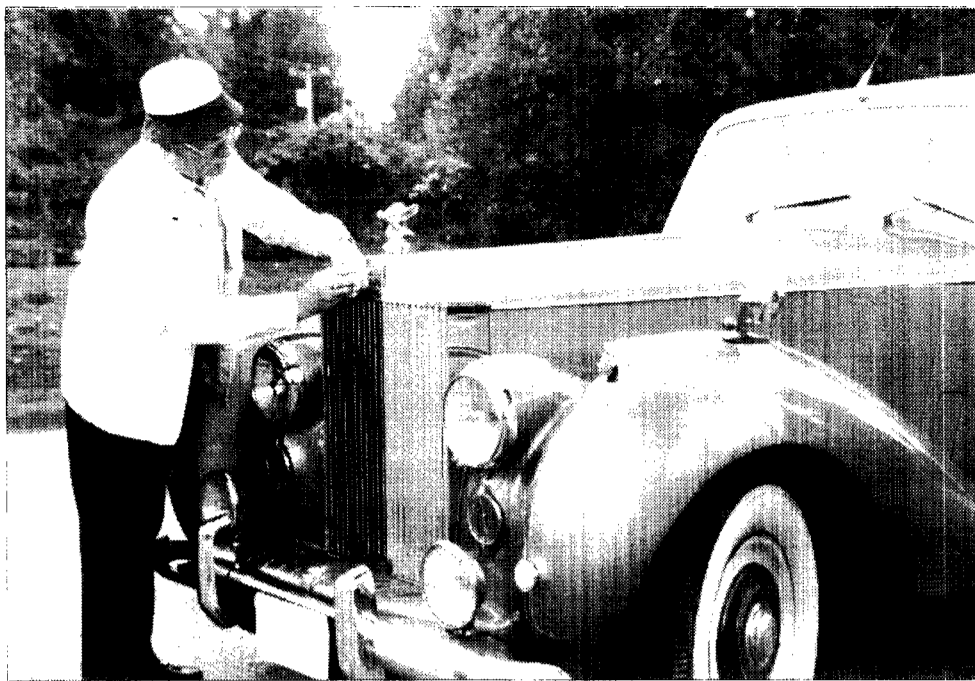
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Stephen Forgacs photo

Ready to Rolls

UBC alumnus Len Haffenden (BA '63) adds a bit of sparkle to the chrome of his 1954 Rolls Royce Silver Dawn in preparation for UBC's Open House '95. The Rolls will join other vintage cars, including a 1927 Auburn, 1957 Bentley and another car from the 1910s, in a display at the Flag Pole Plaza on Oct. 15 from 12-2 p.m.

Tribute to donors, leaders anchors 'new' Main Mall

A plaza dedicated to former UBC Chancellor Robert Wyman and others who contributed to the success of the World of Opportunity fund-raising campaign will be unveiled Oct. 14 during UBC's Open House '95 celebrations.

"W. Robert Wyman Plaza was built to commemorate Bob Wyman's service to the university, but in a broader context it's to recognize the major donors to the campaign and also the general community support for the university over the years," said Ron Burke, acting manager of Donor Relations in the Development Office.

Wyman, who has maintained an active relationship with the university since his student days in the 1950s, served as chancellor from 1984-87 and was chair of the World of Opportunity fund-raising campaign. The five-year campaign raised more than \$260 million, making it the most successful in Canadian university history.

UBC President David Strangway, Chancellor Bob Lee, Bob Wyman and B.C. Municipal Affairs Minister Darlene

Marzari will be among the guests at the 10 a.m. ceremony at the intersection of Main Mall and Memorial Road.

The circular plaza was designed by landscape architects Guzzi Perry and Associates, the same firm that designed the Rose Garden. The plaza is about 20 metres wide and consists of two tiers of seating.

Burke said the design goal was to build a plaza that serves a purpose beyond donor recognition.

"It was designed as a functional space—a meeting area that forms an integral part of the general revitalization of Main Mall," he said.

Four plaques recognize the contributions made by Wyman, community support of the campaign, the campaign leadership committee and the Government of B.C., which was the largest single donor to the campaign.

Some 660 individuals and organizations who each contributed \$10,000 or more to the campaign are also recognized.

Offbeat

by staff writers

It was 1954 when baker Grace Hasz pulled the first UBC cinnamon buns out of the oven in the old Ponderosa building bakeshop.

As the warm, sweet smells filled the room, she must have known she was onto something.

Today, the UBC Food Group Bakeshop makes up to 150 dozen of the legendary buns each day, and university alumni always list the cinnamon bun as one of their best memories of campus life.

Now you can bake them at home, thanks to a new cookbook published by the Food Group called *Treats to Remember*. It includes other perennial favourites, such as Ponderosa cake, Rise 'n' Shine muffins and UBC whipped shortbread, as well as new items such as anise biscotti, pineapple cheesecake and sour cream lime torte.

There's even a chapter devoted to the Food Group's Christmas baking - goodies so inviting that people come from off-campus just to buy gift packages every December.

Treats to Remember is not the Food Group's first cookbook, although it is their most ambitious, says Food Group Administration Manager Allen Leong, who compiled the cookbook with Food Group Director Christine Samson. A slimmer version edited by the late Shirley Louie was published in 1986. Its success took everyone by surprise as it quickly sold out its initial print run and three subsequent reprints.

Treats to Remember updates and expands on the previous cookbook. It is expected to sell 10,000 copies through mail order in the Alumni Association's magazine, *The Chronicle*, at UBC Food Group outlets, the UBC Bookstore and other Vancouver area bookstores. During Open House, copies will be available for \$11.95 at a special souvenir stand at the bus loop near the Student Union Building.

So, just how good are those cinnamon buns? Leong tells the story of one Vancouver food writer who rhapsodized about falling in love over UBC cinnamon buns and coffee. Their warm, spicy softness may not have been a factor in the budding romance, but who can say for sure?

Birthday bash, surplus sale mark UBC's 80th

by Stephen Forgacs

Staff writer

Tradition demands that 80th birthdays be celebrated in style. When UBC turns 80 this fall amidst the excitement of Open House, that tradition will be honoured in full.

The birthday party takes place above the Rose Garden at 2 p.m. on Oct. 15 with music, balloons, entertainment, a sampling of vintage cars and, of course, cake — for 2,000. UBC Chancellor Bob Lee will act as master of ceremonies and the celebration will conclude with a draw for a Honda Odyssey van.

The party is one of several special events happening on campus Oct. 13-15: ■ Open House gets underway on Oct. 13 at 10 a.m. with a ceremony on MacInnes Field beside the new \$9-million Student Recreation Centre (SRC) which will be officially opened at the same time. The centre houses a 1,620 square-metre gymnasium as well as weight-training and aerobic facilities, martial arts and dance studios and office space. Rick Hansen and Tricia Smith, chair of the University Athletic Council, will be on hand to help set Open House '95 in motion.

■ Also on Oct. 13 at 2 p.m. in Woodward Instructional Resource Centre lecture hall 2, UBC Nobel Laureate Michael Smith will speak about the work that led to his 1993 Nobel Prize in Chemistry.

■ Garage sale regulars won't want to miss the Surplus Equipment Recycling Facility's Super Sale II on Oct. 14. Everything from computers and office furniture to lab apparatus will be on display and for sale during what promises to be the Lower Mainland's garage sale of the year.

More than 5,000 people attended SERF's first super sale in 1990. Big sellers were office furniture and computer equipment, and UBC faculty and staff are encouraged to bring in household or office items for sale. Registration forms for would-be vendors can be obtained from SERF at 822-2582. SERF is located at 2352 Health Sciences Mall near Agronomy Rd.

■ On Oct. 14-15, Campus Planning and Development will lead tours through the C.K. Choi Building, one of Canada's most environmentally friendly buildings. The building will house centres of Chinese, Japanese, Korean, Southeast Asian and India and South Asian research.



Safety Bears Driving School will help youngsters learn the rules of the road during Open House. The school is just one of the activities available at Kids World which is open from 10 a.m. to 5 p.m. Saturday, Oct. 14 and Sunday, Oct. 15.

Kids, start your engines

Parents and children attending UBC's Open House won't want to miss the wide variety of fun and educational activities available at Kids World.

Held during the weekend portion of the three-day event, Kids World offers everything from face-painting and puppet-making for youngsters to more challenging activities like kayaking and wall climbing for teens.

"Parents can be assured that Kids World will promote positive, educational and enjoyable activities and provide a place to explore arts, sciences and sports under the guidance of trained volunteers," said Melissa Picher, chair of the Kids World committee.

UBC's Community Sports Services is co-operating with Kids World to offer wall-climbing, kayaking, a bike rodeo, gymnastics, roller hockey and fencing. Pre-registration at 822-3688 is required

for these activities.

Children of primary school age and older can go to Safety Bears Driving School and learn the rules of the road as they drive pedal cars. Native story-teller Mary Jane Joe performs twice on Saturday, and Science World will sponsor several displays.

As well, Kids World visitors will be able to design their own Pogs, watch entertaining street performers and see the Kinsmen Foundation's Kids on the Block puppet show, which teaches awareness of disabilities.

Most events will be held under the huge saddle dome tent next to MacInnes Field on Wesbrook Mall, near the Student Union Building.

Kids World will be open Saturday and Sunday from 10 a.m. to 5 p.m. Please note that it is closed on Friday, Oct. 13, the first day of Open House.



It's Apple Festival time at the Botanical Garden, where horticulturalist Murray Kereluk shows off one of the 50 different varieties grown. Many more varieties will be available for purchase and tasting during the two-day event, held this year in conjunction with Open House.

More than an apple a day at this festival

by Gavin Wilson

Staff writer

An apple a day may keep the doctor away, but it won't stop thousands of people from attending the fifth annual Apple Festival.

This year, the Apple Festival will be held Oct. 14 and 15 at the UBC Botanical Garden, in conjunction with the campus-wide Open House.

If you think apples begin and end with the Macintosh, you may be in for a surprise. The half dozen or so varieties you'll find at the supermarket are just the tip of the bushel.

More than 60 different varieties will be available for tasting at the Apple Festival, with names like King of Tomkin's County, Lord Lambourne, Cox's Orange Pippin, Belle de Boskoop, Glockenapfel and Winter Banana.

"These apples are both old favourites from Europe and North America and newly bred apples which are packed with flavour. Each is unique - it's like wine tasting," said Anne Gartshore, a member of

the volunteer group Friends of the Garden, which is organizing the weekend event.

Forty of these varieties will be on sale by the bag. Anticipating more visitors than ever, organizers are trucking in 15,000 pounds of uncommon varieties from farms in the Fraser Valley, Salmon Arm and Keremeos, Gartshore said.

A new crowd control system and layout should help alleviate the long lineups of previous years, she added.

Also on sale will be 400 apple trees of 35 varieties. While all are less common varieties, many are disease-resistant to make for easier growing in the damp Lower Mainland environment. A few have grafted branches that will produce more than one variety on a single tree.

This year, visitors will be able to make apple cider and take a few gallons home. Bring your own apples or purchase them for 25 cents a pound and use one of three cider-presses.

Also on view at the Botanical Garden are 50 different varieties of apple trees.

For more information, call the Botanical Garden at 822-3928.

Research on astronauts strikes a (spinal) cord

by Connie Filletti

Staff writer

A space odyssey awaits visitors to UBC's Faculty of Medicine during Open House '95.

Come and explore with scientists from the Physiology Dept. their experiments examining nerve function and spinal cord changes in astronauts during space flight.

Data from the experiments, performed by astronauts aboard the space shuttle Columbia in July of last year, indicate height increases varying from 30 to 70 millimetres, or up to 10 per cent, said Dr. John Ledson, a professor of Physiology and principal investigator of the studies.

"Experiments with animal models tell us that an increase of 70 millimetres is on the edge of what is safe," Ledson said.

He explained that stretching of the spinal cord may be causing abnormalities in the nervous system, leading to a variety of clinical conditions experienced by astronauts in space including changes in heart rate, paralysis, bladder dysfunction, low blood pressure and exaggerated reflexes.

Ledson and student volunteers from the department will be on hand during regular Open House '95 hours in the

main concourse of the Woodward Instructional Resource Centre (IRC) to present an instructional video on the experiments - prepared as a training aid for NASA - and to answer questions about the studies.

In addition, Dr. Alan Mortimer, director of Life Sciences, Aeronautic Research, with the Canadian Space Agency will present two special lectures on Research in Space.

His first address on Oct. 13 at 11:30 a.m. in IRC lecture hall 2 will be tailored for high school students. Mortimer's second lecture, set for Oct. 14 at 2 p.m. in the same location, is designed for a general audience.

Other Faculty of Medicine Open House '95 events include:

- An interactive exhibit on ergonomic health hazards in offices
- A tour of the Magnetic Resonance Imaging facility
- Information booths on Alzheimer's disease, breast health, skin cancer, AIDS, immunization, multiple sclerosis, tuberculosis, colds and viruses
- Displays featuring advances in orthopedics, ophthalmology and modern pathology

Green thumbs dig in, hit pay dirt Oct. 13-15

by Gavin Wilson

Staff writer

Whether you're green-thumbed or all thumbs when it comes to plants and gardening, you'll find something to twig your interest at Open House.

Visitors to the Faculty of Agricultural Sciences can learn how to grow a rare alpine flower, redesign their front yard with a computer or tour the Botanical Garden with the Canadian Gardener, David Tarrant.

On Saturday and Sunday, the fifth annual Apple Festival will be held at the Botanical Garden (see story left) with more than 60 rare and exotic varieties of apples available for tasting.

David Tarrant and Judy Newton will guide tours of the garden on Friday, Oct. 13 from 10:30 a.m. to 12 noon and 1:30 p.m. to 3 p.m. They will also be on hand Saturday and Sunday to greet visitors and answer questions.

Meanwhile, visitors who bring photos of their yard or garden can sit down with Landscape Architecture students and go over design ideas using computer simulations. Take the print-out home and start digging!

The Landscape Architecture program will also hold a mini-Arbour Day to help green the campus. Students will be planting trees throughout Open House weekend and the public is invited to join in and help. The project will leave a permanent legacy of trees on West Mall.

A Landscape Architecture Alumni event will celebrate the planting of the Alumni

Tree Bosque just south of the program's studios.

Other Open House events include:

- Make a concrete paving stone, decorated with recycled materials such as bits of ceramic tiles, stones, or shells, and take it home.
- Learn how to grow wildflower meadows and other alternatives to residential lawns.
- User-friendly birdhouse contest
- Biological pest control for the home garden
- How to grow salad gardens at the workplace and on the patio
- Cover cropping, composting and mulching techniques
- Cut flowers forever with perennial plants
- Weed identification and making natural insecticides from plants

In the Dept. of Animal Science, you can learn about aquaculture and wildlife conservation and discover how animals convert inedible plant materials into human food.

The School of Family and Nutritional Sciences offers displays such as the Odyssey of Life where visitors can trek through expected and unexpected life events, choose risks and find out about later life consequences.

Visitors can also explore aspects of health and well-being as they impact on relationships, nutrition and finances.

Are you at risk for heart disease? You can take your blood pressure, measure your Body Mass Index and take the Heart Health Quiz.

Commerce takes stock of provincial election

by Stephen Forgacs

Staff writer

Investors with a mind for politics can find out how to put their political savvy to work during UBC's Open House '95.

The UBC Election Stock Market (UBC-ESM) is back and is one of 18 Open House exhibits in the Faculty of Commerce and Business Administration.

"It looks like the technology and the documents are ready," said Assoc. Prof. Tom Ross, one of the market directors. "We'll be trading contracts that relate to the parties in the provincial election."

Potential investors and the curious can learn how the system works and the educational motivation behind it at the ESM display.

Trading on the exchange opened on Oct. 2, marking the second time investors have been able to

trade on Canadian politics through the UBC-operated market. More than \$30,000 was invested by 257 individuals in the previous ESM during the months leading up to the 1993 federal election in which the Progressive Conservative Party suffered a massive defeat.

Traders on the market in 1993 predicted the final outcome of the popular vote with great accuracy, although few were able to predict the extent of the Liberal sweep.

Among the faculty's other exhibits:

- Through animated computer simulations, visitors can manage a fast food restaurant and observe the consequences of their decisions on waiting lines and service times or tackle computer-simulated traffic problems at the Coquihalla toll booth, ferry terminals and highway interchanges.

- The Workplace of the Future exhibit shows how technology can improve productivity and enhance collaboration between people who are geographically separated by long distances, and the Commerce Career Centre demon-

strates how a computer information system links students with companies.

■ The new and innovative MBA program, which was completely redesigned for 1995, is highlighted, and a multi-media exhibit gives visitors an idea of what participants and executive

programs experience.

- The video *Pack of Lies: Advertising in the Tobacco Industry* takes a provocative and entertaining look at methods used by that particular industry.

The University-Industry Liaison Office, which serves as a link between industry and UBC's many research resources, will explain how research is developed and commercialized, and display some of the new technologies developed at UBC.



Assoc. Prof. Tom Ross keeps a trained eye on stock prices in UBC's Election Stock Market (ESM). The ESM is one of the displays put on by the faculty as part of Open House.

Ball-chasing robot makes heads spin

by Gavin Wilson

Staff writer

Meet Spinoza. He has three eyes, four wheels and can chase a ball, which makes him smarter and more mobile than most other robots.

A real-life R2D2 - fireplug-shaped and about a metre tall - Spinoza will be demonstrating his skills during Open House in the Laboratory for Computational Intelligence in the CICS/Computer Science Building.

Unlike the typical industrial robot, which performs only simple and repetitive tasks, Spinoza is an example of an intelligent, autonomous system, said Assoc. Prof. Jim Little, a member of the Dynamo Group, the robot's creators.

Spinoza makes his own decisions about when to move and in what direction.

For example, if a ball is tossed in Spinoza's vicinity, the robot's video camera "eyes" see it and transmit the information to his built-in computer. The computer tracks the ball's movements and sends signals to the motor and mechanisms that control Spinoza's movements. The pursuit is on.

If the ball bounces against a wall and changes direction, Spinoza responds appropriately.

Another computer display for Open House is a three-dimensional computer model of the Yuan Ming Gardens, an elaborate garden built by generations of Chinese emperors that was destroyed in the 19th century.

Painstakingly recreated by a former graduate student from documents and drawings, the animated model can be seen

in the Imager Computer Graphics lab.

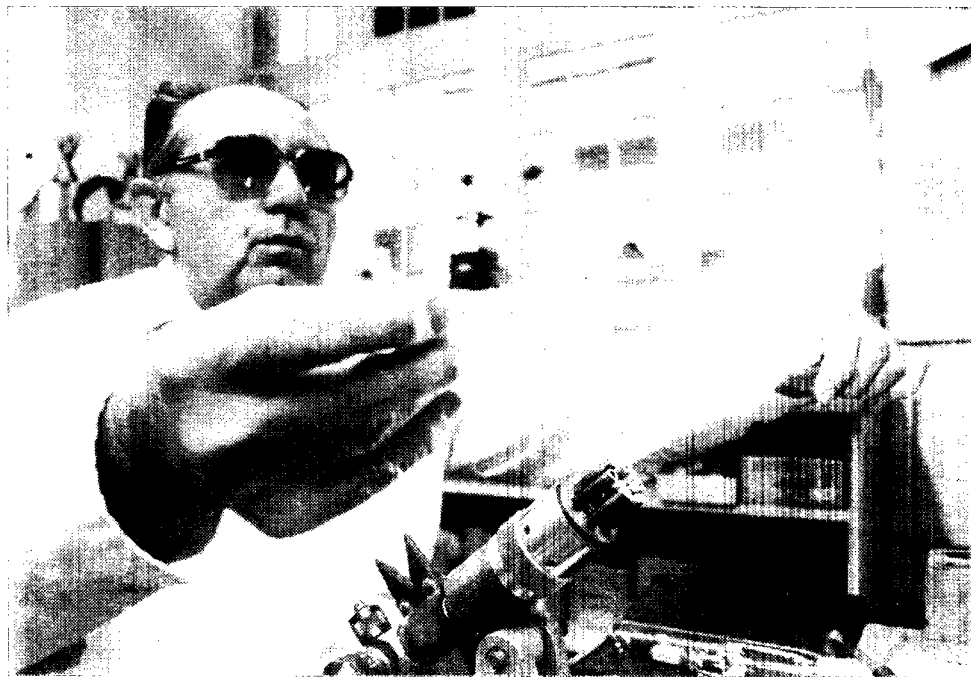
Elsewhere in the CICS/Computer Science building, you can smile for the digital camera and automatically be placed in the UBC Internet Guest Book, which can be accessed on the World Wide Web.

In the E-GEMS lab, students will demonstrate new math and science computer games, like Counting on Frank, created jointly with software developer Electronic Arts.

Everyone knows two heads are better than one, but does this apply to computers as well? A display of parallel and distributed computing will provide some answers. It is possible to use more than one computer to co-operatively and more quickly solve problems, but this often introduces its own problems.

Also in the Faculty of Science:

- Flights to Mars will be taking off regularly in the Geophysics and Astronomy Building with visuals provided by a computer simulation on a giant television screen.
- Up on the roof of the Geophysics and Astronomy building - weather permitting - the UBC Observatory will offer safe, magnified views of the Sun's surface, including sunspots and other features.
- Another display allows visitors to track the Hubble Space Telescope as it orbits the Earth and see some of its electronic images being analysed by UBC astronomers and students.
- Visitors can pan for gold, see a dinosaur skeleton, create their own mini-earthquakes, marvel at the Chemistry Magic Show, and untangle the math of knots.



Gavin Wilson photo

Clear As Glass

Combining Old World craftsmanship and high-tech know-how, scientific glass-blower Steve Rak designs and fabricates intricate glassware for research and teaching labs in the Chemistry Dept. Rak joined the university 36 years ago, after arriving from his native Hungary. He will give four demonstrations of his craft during Open House: Saturday at 11:30 a.m. and 2 p.m.; and Sunday at 11:30 a.m. and 1:30 p.m. Both demonstrations are in the Chemistry Building, room D200.

Brown bag program peeks in your drug store

by Connie Filletti

Staff writer

Why not start your Open House odyssey by exploring PharmaTrek '95 at the Faculty of Pharmaceutical Sciences?

More than 300 student and faculty volunteers have organized events de-

signed to educate and entertain visitors of all ages.

"The focus of PharmaTrek '95 is to illustrate the role that pharmacy plays in the health sciences and the contributions that pharmacists can make to augment patient care," says Simon Albon, a senior faculty instructor and co-chair of the event.

The Brown Bag Program is back by popular demand after a successful run at UBC's last campus-wide Open House five years ago.

Licensed pharmacists will be on hand to answer questions about the current medications you take and explain the hazards of using old drugs.

Lynda Eccott, a faculty lecturer and co-chair of Pharmatrek '95, describes the event as an awareness program targeted at people of all ages with special exhibits for seniors.

"With the Brown Bag Program, we hope that people will gather up their old medications and bring them in to our volunteer pharmacists," she said.

"They can explain how the drugs degrade over time and potentially lose their strength. If a patient has not completed his or her prescription, they are not complying with their doctor's or pharmacist's instructions."

Albon added that the pharmacists will also give advice on proper storage.

"Many people keep their medications in the bathroom medicine cabinet and it's the worst place for many of them," Albon said. "Because humidity can change the chemical composition of the drugs, they should always be stored in a dry, cool place."

Elderly visitors at PharmaTrek '95 will also be interested in the Senior Medical Information Line (SMILE) display.

A new province-wide service introduced last spring, SMILE provides seniors with information by telephone on prescription and non-prescription drugs, adverse reactions, side effects, drug and food interactions and the misuse of medications. Staff will be available to explain the service and supply brochures.

Far Out Pharmaceuticals for Kids!! is another event guaranteed to attract the young and young at heart. Grab a lab coat and learn how to make 'cool cream,' also known as (hand) cold cream.

If you still have the heart, get it tested and find out your present risk for cardiovascular disease.

Music to your ears: from among Beethoven's best to your lifeline

Sonatenblast. The name, Prof. Robert Silverman admits, would probably make Beethoven roll over in his grave.

But when the director of UBC's School of Music suggested that faculty, students and alumni get together and perform all 32 of Beethoven's piano sonatas during Open House, the event committee jumped on the idea.

"It's really quite something," said Silverman, who himself will perform the Moonlight Sonata and others. "There aren't too many music divisions in the country which could undertake this project."

Beginning at 10 a.m. on Friday, Oct. 13, close to 20 piano soloists will work their way through the sonata lineup, which ranges in length from around seven minutes to the 45-minute Sonata No. 29 (Hammerklavier) to be played by alumnus Stephen Smith.

The event also gives Beethoven buffs a rare chance to hear Beethoven's Opus 6, a duet to be played by Robert Rogers and Alice Enns.

Silverman said that, to his knowledge, the entire Beethoven sonata selection has never been played in Vancouver in such a short period of time.

The piano marathon takes place in the Recital Hall of the Music Building Oct. 13-15 from 10 a.m. to 4 p.m. daily.

Directly across Memorial Rd. in the Old Auditorium, the School of Music is inviting all Open House visitors to Come to the Cabaret! From 2:30-3:30 p.m. and 4-5 p.m. on Saturday and Sunday, Assoc. Prof. Nancy Hermiston will direct performances of operetta and musical theatre in cabaret settings reminiscent of Paris, Vienna and Berlin.

Following Saturday's cabaret performance the UBC Jazz Ensemble takes to the auditorium stage at 8 p.m. with saxophone jazz legend Phil Woods. For more information on School of Music events, including concerts by the UBC Symphony Orchestra, call 822-5574.

Elsewhere in the Open House "arts precinct" at the north end of campus, the Morris and Helen Belkin Art Gallery is featuring an exhibition titled *Capitalizing the Scenery: Landscape, Leisure and Tourist Imagery in British Columbia, 1880s-1950s*. A joint project of the gallery, the Dept. of Fine Arts and fine arts graduate and undergraduate students, the exhibition re-examines



Woods

B.C. landscape painting in relation to tourist imagery such as postcards, posters and promotional photographs. Musical interludes by student ensembles from the School of Music will be featured in the gallery throughout Open House.

Admission to the Museum of Anthropology (MOA) is free during Open House. At any time, about 80 per cent of the museum's holdings (except light-sensitive and archaeological materials) are on display to serious students or casual visitors who number more than 160,000

each year. Those interested in a behind-the-scenes look at MOA holdings and conservation laboratories must call 822-5087 to book a tour.

Other Open House attractions in the Faculty of Arts:

- How does your world affect the computer? Play with computer simulations and manipulate more money than Croesus (or even Donald Trump).
- Journeys in English Literature - readings by members of the Dept. of English, quizzes on language skills and the chance to win a gold star.
- Languages for the 21st Century - Learn useful German, Italian, Japanese, Russian and French phrases in 10 minutes in the faculty language laboratory.
- How Long Will You Live? - Go to the Dept. of Psychology and enter information about yourself and your lifestyle into a computer to get an estimate.
- Knowledge and Action for Change - Visit the School of Social Work for skits, music, and displays on how social work can change individual lives and society as a whole.

Calendar

October 8 through October 21

Tuesday, Oct. 10

Wood Science Seminar Series

Determination And Application Of TSAI-WU Tensor Polynomial Theory With Douglas Fir Laminated Veneer. Peggy Clouston, grad student. MacMillan 158. 12:30pm. Call 822-5303.

Animal Science Seminar

The Effect Of Diets Matched For Carbohydrate And Protein Rate Of Degradability On Milk Production Characteristics Of Dairy Cows. W. Tembo, PhD candidate, Animal Science. MacMillan 158. 12:30pm. Coffee and cookies. Call 822-4593.

Seminar

A β -Glucosidase Active Against Lignin Precursor Coniferin. Palitha Dharmawardhana, PhD candidate, Botany. BioSciences 2000. 12:30-1:30pm. Call 822-2133.

Lectures in Modern Chemistry

Developing The Parallels Between Homogeneous And Heterogeneously Catalysed Reactions. Prof. Peter Maitlis, Dept. of Chemistry, U of Sheffield. Chemistry 250 (south wing), 1pm. Refreshments from 12:40pm. Call 822-3266.

Lecture

Hellenistic Luxury Glass. Dr. E. Marianne Stern, Toledo Museum of Art. MOA, 8pm. Free. Call 822-2889.

Green College Speaker Series

The Knowledge Of Language: What Do We Mean When We Say We Know Language. Hisatsugu Kitahara, Post-doctoral fellow, Dept. of Linguistics. Green College recreation lounge, 5:30pm. Reception in Graham House 4:45-5:30pm. Call 822-6067.

Wednesday, Oct. 11

Seminar

Territoriality, Power And Professionalism In Health Care: Can Health Professionals Really Work Together? Dr. De Witt Baldwin,

Prof. Emeritus, AMA. IRC 4. 12:30pm. Call 822-4645.

Microbiology and Immunology Series Seminar

Coupling Of Gene Expression To Flagellum Morphogenesis By Export Of An Antisigma Factor. Dr. Kelly Hughes, Microbiology Dept., U of Washington, Seattle. Westbrook 201, 12-1:30pm. Call 822-3308.

Ecology and Centre for Biodiversity Research Seminar

Sex Or Supper? Natural Competence In The Bacterium *Haemophilus influenzae*. Rosie Redfield, Zoology. Host, Dr. Judy Myers. Family/Nutritional Sciences 60, 4:30pm. Cookies. Hut B8, 4:10pm. Call 822-3957.

Cultural and Media Studies

Panel On Narration, Ethics And Change. Cynthia Osterman, Reuters; Sue Ridout, CBC and Centre for Applied Ethics UBC; and Michael Cooke, editor, The Province. Green College recreation lounge, 5:30pm. Call 822-6067.

Orthopaedics Grand Rounds

TBA. Dr. P.J. O'Brien, Chairman. Dr. P.C. Wing, Eye Care Centre Auditorium, 7am. Call 875-4272.

Opera Panel Discussion

Gounod's Faust In Context. Susan Bennett, Vancouver Opera, Floyd St. Clair, French; Steven Taubeneck, German; and Andrew Busza, English. Buchanan Penthouse, 12:30pm. Call 822-4060.

Geography Colloquium

Forecasting The El Nino. Dr. William Hsieh, Oceanography. Geography 201, 3:30pm. Refreshments. Call 822-4929.

Lecture Series

Capitalizing The Scenery: Landscape, Leisure And Tourism In British Columbia, 1880s-1950s. Speaker TBA. Morris and Helen Belkin Art Gallery, 12:30pm. Call 822-2759.

Lecture

Deep Creek: Direct Experience Of An Ethic Of Caring For Nature In Tropical North Australia. Wendy Sarkissian, Inst. for Science and

Technology Policy, Murdoch U. Australia. Centre for Research in Women's Studies/Gender Relations, 3:30-5pm. Free. Call 822-9171.

Noon Hour Concert

Rennie Regehr, viola; Jennie Regehr, piano. Music Recital Hall, 12:30pm. Admission \$2.50. Call 822-5574.

Thursday, Oct. 12

JV Clyne Lecture in Fine Arts

Labour, Work And Action. Alex Colville, C.C., artist, Wolfville, Nova Scotia. Vancouver Renaissance Hotel, Vancouver Board of Trade Lunch, 12noon. Tickets for luncheon \$42. Call 681-2111.

CICSR Distinguished Lecture Series

Real-Time Systems: A Practitioner's Perspective. Dr. Douglass Locke, Loral Federal Systems, Bethesda, MD. CICSR/CS 208, 4-5:30pm. Refreshments. Free. Call 822-6894.

Continuing Studies Lecture

Understanding Islam. Emile Nucho. Hotel Georgia, 9:30-11am. Cost \$65, seniors \$45. Call 822-1450.

Green College Speaker Series

Fireside Chat With Alex Colville, Artist. Green College, Graham House, 7:30pm. Call 822-6067.

Physics Colloquium

Critical Fluctuations In Superconductors. Doug Bonn. Hennings 201, 4pm. Call 822-3853.

Friday, Oct. 13

JV Clyne Lecture in Fine Arts

Shaping Content. Alex Colville, C.C., artist, Wolfville, Nova Scotia. Buchanan A-106, 12:30pm. Call 822-5675.

Theoretical Chemistry Seminar

Red Blood Cells: The Mechanics Of Very Soft Materials. Dr. D. Boal, Dept. of Physics, SFU. Chemistry D402 (centre block), 4pm. Call 822-3266.

Health Care And Epidemiology Rounds

To Journey Hopefully Is A Better Thing Than To Arrive: New Directions. Then And Now. Dr. Ken Benson. Mather 253, 9-10am. Free. Paid parking available in B Lot. Call 822-2772.

Paediatrics Grand Rounds

Recent Advances In Dermatomyositis. Dr. Ross Petty, Div. of Paediatric Rheumatology. Dr. Hilary Kitson, Div. of Endocrinology. GF Strong Auditorium, 9am. Call 875-2307.

Faculty/Staff Entertainers Wanted

To perform on the Outdoor Entertainment Stages for Open House '95. Call Cheryl at 822-9457.

Mathematics Colloquium

TBA. Dr. James W. Cannon, Dept. of Mathematics, Brigham Young U. Mathematics 104, 3:35pm. Refreshments at 3:15pm in Math Annex Room 1115. Call 822-2666.

UBC Open House Concert

Beethoven Sonatenblast. Music Recital Hall, 10am ongoing. Call 822-5574.

UBC Open House Concert

Vocal Collegium Musicum. Morris and Helen Belkin Art Gallery, 10am. Call 822-5574.

UBC Open House Concert

UBC Guitar Quartet. Morris and Helen Belkin Art Gallery, 12noon. Call 822-5574.

UBC Open House Concert

UBC Symphony Orchestra with piano soloist Aya Fukuda. Old Auditorium, 12:30pm. Call 822-5574.

UBC Open House Demonstration

Music And Multimedia. Music 303, 1-4pm. Call 822-5574.

UBC Open House Concert

Instrumental Collegium Musicum. Morris and Helen Belkin Art Gallery, 2pm. Call 822-5574.

Saturday, Oct. 14

Vancouver Institute Lecture

Canadian Culture At The Millennium. Alex Colville, C.C., artist, Wolfville, Nova Scotia. Woodward IRC Hall 2, 8:15pm. Free. Call 822-3131.

5th Annual Apple Festival

UBC Botanical Garden, 10-4pm. Continues Oct. 15. Apples for tasting, buying and growing. Grafting demos, cider pressing, information booth. Free. Refreshments available. Call 822-9666.

UBC Open House Concert

Vocal Collegium Musicum. Morris and Helen Belkin Art Gallery, 10am. Call 822-5574.

UBC Open House Concert

Beethoven Sonatenblast. Music Recital Hall, 10am ongoing. Call 822-5574.

UBC Open House Demonstration

Music And Multimedia. Music 303, 10-4pm. Call 822-5574.

UBC REPORTS

CALENDAR POLICY AND DEADLINES

The *UBC Reports* Calendar lists university-related or university-sponsored events on campus and off campus within the Lower Mainland.

Calendar items must be submitted on forms available from the UBC Public Affairs Office, 310-6251 Cecil Green Park Road, Vancouver B.C., V6T 1Z1. Phone: 822-3131. Fax: 822-2684. Please limit to 35 words. Submissions for the Calendar's Notices section may be limited due to space.

Deadline for the October 19 issue of *UBC Reports* — which covers the period October 22 to November 4 — is noon, October 10.



Hot Act

Devin Schellenberg heats up his act twice a day during Open House '95. Outdoor stages will be home to a non-stop show of talent Oct. 13-15. Other outdoor entertainment includes bands, Balinese and Polish dancers, and a martial arts exhibition staged by Japanese police.



Sunday, Oct. 15

UBC Open House Concert
Beethoven Sonatenblast. Music Recital Hall, 10am ongoing. Call 822-5574.

UBC Open House Concert
Vocal Collegium Musicum. Morris and Helen Belkin Art Gallery, 10am. Call 822-5574.

UBC Open House Demonstration

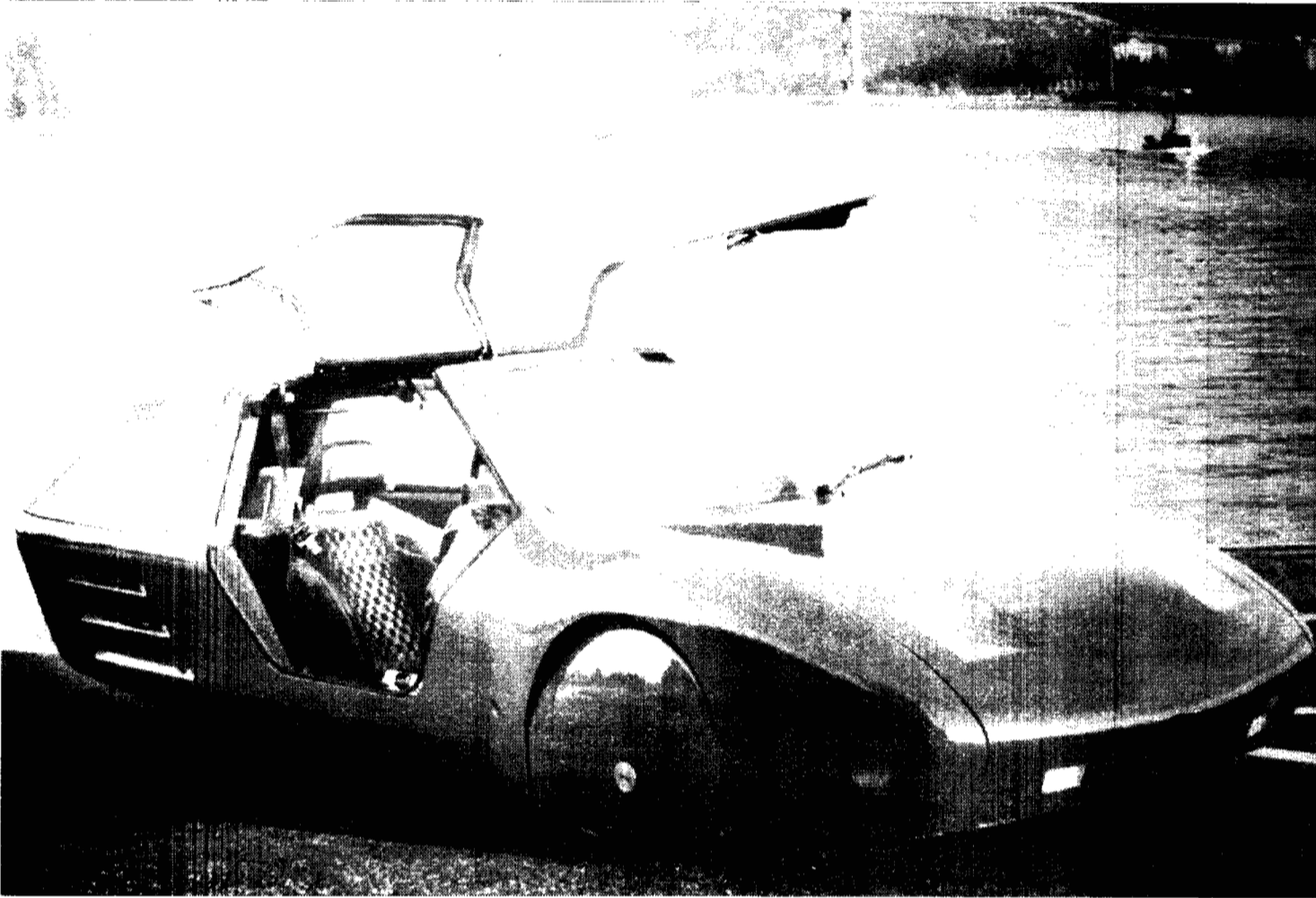
Music And Multimedia. Music 303, 10-4pm. Call 822-5574.

UBC Open House Concert
UBC Symphony Orchestra With Piano Soloist Aya Fukuda. Old Auditorium, 11am. Call 822-5574.

UBC Open House Concert
UBC Guitar Quartet. Morris and Helen Belkin Art Gallery, 12noon. Call 822-5574.

UBC Open House Concert
Instrumental Collegium Musicum. Morris and Helen Belkin Art Gallery, 2pm. Call 822-5574.

UBC Open House Concert
Come To The Cabaret. Old Auditorium 113, 2:30-4pm. Call 822-5574.



Wheeled Wonder

The student-designed Turbic won the \$100,000 top prize in an international competition at Expo 86. See it on display during Open House in the Civil and Mechanical Engineering Building.

Quake on table, not in your boots

by Gavin Wilson

Staff writer

Shake, Rattle and Roll could be the theme song of one of Open House's most popular displays.

At UBC's Earthquake Engineering Research Laboratory, visitors see first-hand the powerful and destructive forces unleashed by a major earthquake.

The lab is home to the Earthquake Shake Table, a sophisticated research tool that simulates the effects of real earthquakes.

Located in the Civil and Mechanical Engineering building, the shake table is used by researchers to see how different construction materials and techniques withstand the forces unleashed by earthquake ground motions.

During Open House, visitors will learn the importance of earthquake engineering research and see slides of earthquake damage.

Then they will see recreations of recent earthquakes that rocked Kobe, Japan and Northridge, California as a half-scale model of a two-storey house is shaken on the earthquake table.

Another display, in the Civil Engineering lab of Prof. Peter Byrne, will demonstrate the effects of earthquake-induced ground liquefaction, which turns solid earth into quicksand, causing buildings to sink and dams to fail.

Models will be used to demonstrate the phenomenon, which could happen during an earthquake here because soils susceptible to liquefaction include the Fraser River delta.

Over in Mechanical Engineering, visitors can see the three-wheeled car of the future that won the \$100,000 top prize in the Innovative Vehicle Design Competition at Expo 86.

The sleek, low-slung car, called the Turbic, is powered by a three-cylinder engine that can run on either natural gas or diesel. It was designed by engineering students under the supervision of Prof. Philip Hill.

The prize money was used to endow scholarships and bursaries for future generations of engineering students.

Also on display is the student-designed and built Formula SAE racing car. It is destined for a competition in Detroit sponsored by the Big Three motor companies.

Open House visitors to Applied Science can also see the huge wind tunnel where testing and research is done. A model of the Tacoma Narrows Bridge, which failed so spectacularly in high winds, and the famous film footage of the actual collapse, will be on view.

In Chemical Engineering, visitors can see a lab-scale oil skimming device developed at UBC that could help alleviate environmental damage during oil spills.

Healthier workplace calls for better design

by Stephen Forgacs

Staff writer

If you leave your workplace at the end of the day with an aching back or splitting headache, you won't want to miss the opportunity to find out how you can prevent the problem.

As part of the Faculty of Graduate Studies exhibits at UBC's Open House '95, staff and students from the Occupational Hygiene Program, the Dept. of Health, Safety and Environment, and the Division of Occupational and Environmental Health have teamed up to field questions on health and safety in the workplace.

At one site, visitors will find two different office setups: an old style and a new ergonomic one that illustrates the benefits of having properly designed furniture.

"We try to cover occupational hazards across the whole spectrum, from offices and the service industry to traditional heavy industry such as pulp mills and saw mills," says Paul Demers, an assistant professor with the Occupational Hygiene Program. "We're constantly discovering new hazards. Things that cause

musculo-skeletal injuries were really not well recognized in the past. Now we're recognizing that those can be prevented with proper workplace design."

Visitors will be able to measure their lung capacity and see how workplace noise levels and air contaminants are measured.

Other Faculty of Graduate Studies exhibits include:

- Learn how genetics is like the "Wheel of Fortune."
- Take a close look at the Fraser Delta ecology.
- Learn about UBC's Sustainable Development Research Institute and some of its activities, including the greening the campus initiative.
- Discover how to prepare for an earthquake or other natural disasters and order an emergency survival or first aid kit.
- Meet a group of students who spent a month researching community development in the ancient city of Jerusalem and find out what Vancouver can learn from their study.
- Evaluate the changing face of urban Vietnam with student research on working-class Ho Chi Minh City.

More than trees found in forests

by Stephen Forgacs

Staff writer

A tour through UBC's Faculty of Forestry and the Pulp and Paper Centre during Open House '95, will leave visitors with a greater understanding of the range of activity within B.C.'s forest sector and the efforts being made to protect the environment.

Displays in the Faculty of Forestry cover the entire cycle of forest life. The effects of disease, insects, genetics, fire, and human intervention are exhibited with the use of photographs, slides and computer simulations.

For a hands-on forestry experience, visitors can take a swing at tree planting, or take a cedar, pine, hemlock or spruce seedling grown on campus to plant at home.

FORTOON, a computer game, gives participants a chance to become a chief forester and manage forests, balancing wood supply, wildlife habitat, ecological reserves, and jobs.

A free-running slide show provides a glimpse of B.C.'s natural diversity of landscapes, plants and animals.

Other displays explore the tree harvesting process. Logging and road building equipment will be displayed outside the Forestry building.

The Environment Show, which consists of several stations in the Pulp and Paper Centre, offers an in-depth, and often hands-on look at how pollution control devices work.

At one station visitors are invited to blow up a balloon to provide a breath sample which is run through a device that measures odorous compounds. The device, a gas chromatograph, shows that the samples produce similar but varying characteristics. Known as the "bad breath contest," this is actually a demonstration of how the chemical composition of emissions is analysed.

Another station offers a look at live bugs, or microbes, which are essential to effluent treatment. A microscope, TV camera and colour monitor provide a close-up look at microbes in water samples taken from the working model of an effluent treatment plant. To show the treatment plant's effectiveness, a tank with goldfish and bottom feeders is filled with a mixture of treated effluent and tap water.

Other exhibits in the centre display pulp and paper-making and recycling processes, and visitors can try their hand at making paper from old newspapers.

Weekend full of games

UBC
OPEN HOUSE



AN ODYSSEY
OCTOBER 13, 14, 15, 1995

Thunderbird Stadium

- Homecoming Thunderbird Football: The T-Birds are out for revenge against the Cal State Chico Wildcats. Only the second match with an NCAA team at UBC in 25 years. Saturday, Oct. 14, 2-5 p.m.

Winter Sports Centre

- UBC vs. Regina Thunderbird Men's Hockey. Two games against Regina open the Thunderbird hockey season at the Winter Sports Centre. Friday, Oct. 13 and Saturday, Oct. 14, 7:30-10 p.m.

War Memorial Gym

- Rucanor-UBC Girls' High School Volleyball: Thirty B.C. high school girls' volleyball teams compete in a two-day tournament. Friday, Oct. 13, 3-10 p.m.; Saturday, Oct. 14, 8 a.m.-6 p.m.

UBC vs. Trinity Western Men's Basketball

- UBC vs. Trinity Western Men's Basketball. UBC's Thunderbird basketball opens its 1995-96 season against Langley's Trinity Western University. Friday, Oct. 13, 12-1:30 p.m.

Aquatic Centre

- Kids' Aquatic Amusement Park. Saturday and Sunday, Oct. 14-15, 1-5 p.m.
- Underwater Hockey Tournament: Teams from across North America will compete in the three-day event with underwater cameras showing the action.

Student Recreation Centre

- Try the BirdCoop state-of-the-art fitness and training room in the new Student Recreation Centre.

All smiles, no pain in Dentistry displays

by Connie Filletti

Staff writer

UBC's Faculty of Dentistry wants to put a smile on your face at Open House '95.

Everyone is invited to tour Dental World in the J.B. Macdonald Bldg. during regular Open House '95 hours.

"Visitors will learn something about dentistry of the future and we hope to demonstrate how prevention of dental disease can make painless dentistry a reality today," said Dentistry Dean Dr. Edwin Yen.

Begin your trek through the largest dental clinic in B.C. and try your hand working in an artificial mouth in the internationally renowned Performance Simulation Laboratory - just like a real dental student.

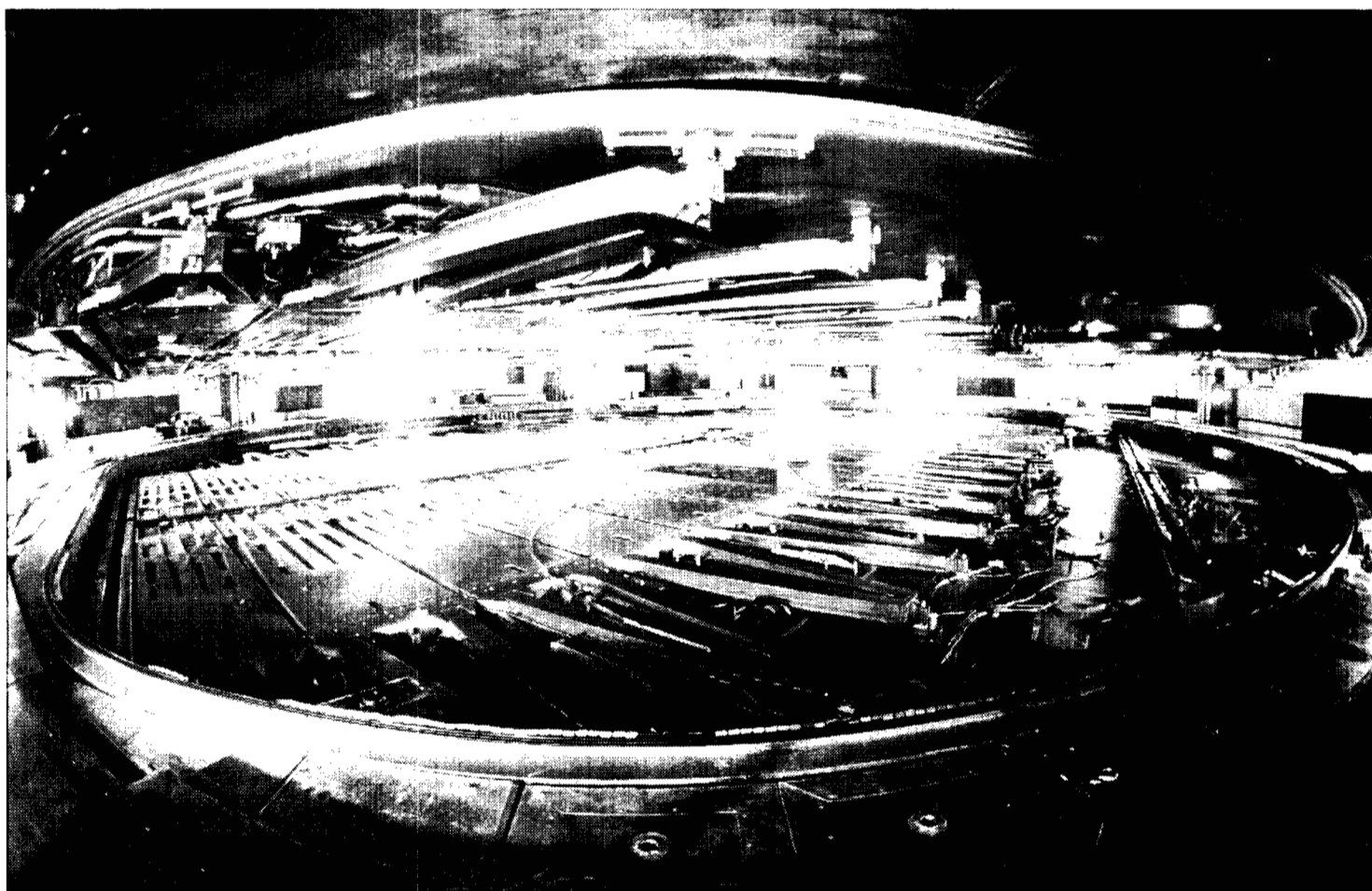
Faculty volunteers will help you get a close look at your teeth, and show you the bacteria that live in your mouth.

Then, let UBC's dental hygiene students tell you about your oral hygiene status.

If you think that's a mouthful, you can watch different clinical procedures on video or discover the joys of dental plaster and sink your teeth into a self-made mouth guard.

Other interesting stops on route through Dental World include:

- Demonstrations of how dental detectives use forensic dentistry to help solve crime
- The use of oral devices to treat snoring
- Cures for bad breath



Up And Atom

It looks like science fiction, but the reality of TRIUMF is just as astounding. The south campus subatomic particle research facility welcomes visitors during Open House. On Friday, Oct. 13, tours are limited to school groups who have booked in advance. On Saturday and Sunday, Oct. 14-15, the general public can take self-guided tours from 12 noon to 5 p.m. Volunteers will be on hand to answer questions. Shuttle buses leave every half hour from the main campus bus loop.

The write stuff for a workshop

If you've ever had the urge to write something about your life and get it published, here's your chance.

Syd Butler, prof. emeritus in the Dept. of Language Education, is reviving a popular feature of UBC's last two Open House celebrations.

Keying into this year's Odyssey theme, Butler and colleague Roy Bentley are

urging visitors to attend their workshop called Lifewriting: An Odyssey Into Personal and Family History.

"We're building on a basic human propensity to tell stories," Butler explains. "People socialize through the telling of stories and it helps give them a sense of identity and purpose if they write things down."

Butler says he doesn't expect people to write an autobiography in one sitting. The draft of a life story or incident is what he's after. The workshop is open to all ages and Butler says participants can expect to have their efforts published in a magazine format within a couple of weeks.

Butler's lifewriting workshop takes place on Saturday, Oct. 14 from 1 p.m. to 3 p.m. in the Faculty of Education's Scarfe Building.

Another Open House contribution by Language Education will feature a group of the department's published poets reading from their own published works.

Other Education highlights include:

- Meeting Career, Personal and Educational Goals for the 1990s: Counseling Psychology personnel will be on hand to answer questions and demonstrate interactive computer counseling programs.
- UBC's Child Study Centre will open its doors to the public. Children can play in the centre's model classrooms while parents explore the centre's various programs and research efforts.
- Hello Canada, Hello Japan: Ritsumeikan House, a residence with 200 UBC and Ritsumeikan University students from Japan, will demonstrate the inner workings of its multimedia language laboratory as well as hold a videoconference with students in Japan. In addition there will be demonstrations of Japanese arts, crafts, sports and food preparation.
- The Scarfe science labs will be the place to explore bubbles, liquid nitrogen, science puzzles, optical illusions, and more. Each hour a group of adults and children will be admitted for a 40-minute period during which they will rotate among 12 stations.
- Technology Studies Education faculty and students will be on hand to explain projects, drawings, photographs and video emphasizing the change from the hand and machine skill-based curricula of the 1930s to the broader problem solving and creative thinking emphasis of today.
- Student performers in Music Education will be on stage throughout Saturday and Sunday. Schools are being encouraged to bring their concert and stage bands, string groups and choirs for a series of performances.

Senior lawyers receive honorary degrees to celebrate Law's 50th

By the time Winifred Murphy enrolled in UBC's Faculty of Law in 1950, she could have taught her classmates a thing or two about the legal profession herself. The then 42-year-old mother of two had more than 15 years experience working as a stenographer in some of the city's most prominent law offices.

However, she still had to be prompted into applying because, as she put it, "I didn't think I had the time, the money or the brains to be a lawyer."

Murphy was called to the B.C. Bar five years later, appointed as judge to the Family Court of Vancouver in 1961 and retired from the provincial court in 1979.

On Friday, Oct. 13 at 4:30 p.m., the 84-year-old grandmother and 22 other senior members of the legal profession - including 100-year-old Montague Gregory Caple - will receive honorary



Murphy

law degrees at a special convocation ceremony in the Great Hall of the downtown Law Courts. The event is part of the law faculty's 50th anniversary celebrations taking place Oct. 12-14.

Many of the degree recipients received their legal education long before the law faculty on Point Grey existed. In Murphy's case, she came into the profession totally by chance when, at the age of 16, she was hired as a legal secretary.

"You had to be on the ball to understand all those legal phrases and get them accurately on paper in shorthand," said Murphy. "My first day on the job I

was so nervous that I typed a big, long transcript but put the carbons in backwards and had to do it all over again."

Among the employers listed on her application to the law faculty were corporate lawyer Ronald Stockton, Angelo Branca, Justice of the B.C. Court of Appeal and former Chief Justice Sherwood Lett, who went on to become chancellor of UBC.

Asked if she had any regrets about her chosen career, Murphy replied: "I've never been away from the law my entire life and I'm proud of every moment."

The Hon. Justice William Esson, chief justice of the Supreme Court of British Columbia, will receive an Honorary Doctor of Laws at the Oct. 13 convocation ceremony.

The convocation is just one of several attractions planned to recognize the faculty's 50th anniversary. Coinciding with the university's Open House celebrations, the faculty will host an informal lunch-hour reception at the law school on Oct. 14 featuring numerous archival and other displays. A gala banquet follows that evening.

In addition, Prof. J. C. Smith is using UBC's Open House and faculty anniversary celebrations to launch FlexLaw, a computerized research system which will soon give lawyers instant access to every legal case in Canada. Smith says FlexLaw represents the first of a new generation of intelligent legal software that automates all the vital phases of knowledge repre-

sentation, case summarization, search and retrieval. The system makes it possible to provide an entire library of cases on CD-ROM and allows users to search the library quickly and more accurately than ever before.

"Not only does it combine the best aspects of the traditional library with those of electronic databases, but it combines advanced technology with simplicity and user-friendliness," said Smith, who worked with UBC's Industry Liaison Office (ILO) to develop the product for commercial distribution.

Smith said a booth will be set up in the law school by International Compu Research Inc. (ICRI), the company that marketed and developed the system.

FlexLaw is an outgrowth of research conducted by the UBC FLAIR (Faculty of Law Artificial Intelligence Research) project which Smith spearheaded in 1986 with initial financial support from IBM.

Al Fowler, ILO manager of intellectual property, expects the system to generate at least \$30 million in royalties to UBC over the lifetime of the agreement between UBC and ICRI.

Other events in the law faculty:

- Is Killing Ever Legal? Lost at sea without food or water and a nearly dead sailing companion what do you do? Get answers from 1:15-2:15 p.m. Friday through Sunday.
- Hansel and Gretel, Goldilocks and the Three Little Pigs have their separate mock trials performed by students of Lord Nelson, Lord Kitchener, Charles Dickens and Thomas Kidd Elementary Schools.

Classified

THE JOHN V. CLYNE LECTURES

Alex Colville, C.C

Visual Artist
Wolfville, Nova Scotia

Labour, Work and Action

12:00 Noon Thursday, October 12
Vancouver Board of Trade Luncheon Address
at Vancouver Renaissance, 1111 W. Hastings
Tickets \$42. Call 681-2111

Shaping Content

12:30 PM Friday, October 13
UBC Free Public Lecture at Buchanan A-106

Canadian Culture at the Millenium

8:15 PM Saturday, October 14 The Vancouver Institute
Free Public Lecture in Woodward Instructional
Resource Centre, UBC

Regent College joins UBC in Open House

Saturday, October 14, 9:30 am-5:00 pm
Sunday, October 15, 1:00-5:00 pm

- ★ Free public lectures
- ★ Live music
- ★ Booksignings
- ★ Art exhibits
- ★ Biblical museum
- ★ Bookstore
- ★ Coffee bar
- ★ and much more

PUBLIC LECTURES

Saturday, October 14:

- 10 am **Star Trek and the Post Modern Generation** Stan Grenz
- 11 am **Knowing God** J.I. Packer
- 12 pm **I've Seen Miracles Happen Here at Regent** Rita Houston
- 1 pm **The Paradox of Jesus** Gordon Fee
- 2 pm **Jesus and the Dead Sea Scrolls** Craig Evans
- 3 pm **The Universe Next Door** Bruce Waltke
- 4 pm **Christ and the Cultures: An Essay in Canadian Multi-culturalism** Craig Gay

Sunday, October 15:

- 1 pm **TBA**
- 2 pm **Diamonds that Leap: A Poetry Reading** Luci Shaw
- 3 pm **Building Family Traditions** Martha Zimmerman
- 4 pm **The Transforming Friendship** James Houston

Please join us!



For more information contact Sharon or Stephanie at (604) 224-3245.

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The classified advertising rate is \$15.75 for 35 words or less. Each additional word is 50 cents. Rate includes GST. Ads must be submitted in writing 10 days before publication date to the UBC Public Affairs Office, 310 - 6251 Cecil Green Park Road, Vancouver B.C., V6T 1Z1, accompanied by payment in cash, cheque (made out to UBC Reports) or internal requisition. Advertising enquiries: 822-3131.

The deadline for the October 19, 1995 issue of UBC Reports is noon, October 10.

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RESEARCH ASSISTANT NEEDED for Dept. of Psychiatry, Mood Disorders Program. Must be University Graduate and have experience working as a research assistant with patient populations. Call Arvinder Grewal at 822-7321

DO YOU EVER need to contact students about unscheduled events - forthcoming lectures, class cancellations, etc. between regular lecture appearances? My autodialer can handle the problem. Call 228-8760 after 5pm, or leave a message on 228-8761.

VOLUNTEER COMMUNITY SERVICE? Alpha Phi Omega-Cod Club. Principles of Leadership, Friendship and Service. APO is in search of students with Leadership Abilities and Motivation Skills with a desire for Community Service to help start this organization at UBC. Also seeking faculty advisors. Contact Tony (206) 525-4758, tony.ploughe@accessone.com check out: <http://www.accessone.com/~ploughe>

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ARCHITECT-DESIGNED cedar and glass 1750 sq. ft. house on 24 ft. lot, vicinity 18th and Crown. 3br and loft, 2 baths, skylights, 2 car locking garage. \$518,000. Call 684-3036 evngs.

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Housing Wanted

SABBATICAL HOUSING wanted Aug. 15 '96-May 15 '97. Ontario judge visiting UBC law school for one year desires an exceptional home - swimming pool and tennis court preferred. Would also exchange for a beautiful house in downtown Toronto - near U of T campus. Contact: Ellen Rosenberg (604) 822-6584.

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ACCOMMODATION AVAILABLE Rooms available in UBC Residences. Single and shared rooms in the room and board residences are available for immediate occupancy by women and men applicants. Please contact the UBC Housing Office in Brock Hall for information or call 822-2811.

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EXCHANGE NEAR GUELPH, Wilfred Laurier, Waterloo. Furnished house: bedroom, studio and piano room. Private yard. For two-bedroom house, West Side or Skyway. Non-smoking couple, quiet dog, two cars. Nov. 1 for nine months. Phone (519) 846-8162. Fax (519) 846-0697.

The Cecil H. & Ida Green Visiting Professorships of Green College

Karl W. Butzer

Dickson Centennial Professor of Liberal Arts
University of Texas, Austin

Church Facade as Text: Tracing the Indigenous Presence in Colonial Mexico

12:30 PM Monday, October 16 in Buchanan A-106

People, Time and Environment: Ecology in the Long View

3:30 PM Wednesday, October 18 in Geography 200

After 1492: Reflecting on the Columbian Controversy

8:15 PM Saturday, October 21 Vancouver Institute Lecture
Woodward Instructional Resources Centre

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Gavin Wilson photo

Sweeping roofline is just one of the distinctive features of the C.K. Choi Building for the Institute of Asian Research. The building is also one of the most environmentally sound in Canada. Open House visitors will be able to tour the new building, which does not officially open until November.

Glimpse campus of the 21st century

by Gavin Wilson

Staff writer

Witness the tremendous changes to the UBC campus over the decades - and get a glimpse of the university of the 21st century - at Campus Planning and Development's Open House displays.

Visitors can also get a sneak preview of one of Canada's most environmentally friendly buildings, the C.K. Choi Building, which is nearing completion on West Mall.

At the Campus Planning offices, 2210 West Mall, exhibits include screenings of a video called *Building UBC's Future - An 80-Year History*. The video shows how the campus has grown, from the first temporary classrooms in Fairview to the sprawling modern campus of today.

Other displays include architectural models of new campus buildings, such as the Chan Centre for the Performing Arts and the Forest Sciences Centre, which will help shape the campus of the next century.

There are also World Wide Web homepage tours, AutoCAD demonstrations, Ask Your Building Inspector, and information from the I.D. Group consultants on the Official Community Plan.

Self-guided walking tours of the C.K. Choi Building for the Institute of Asian Research will be offered on Saturday and Sunday only. Campus Planning staff and project architects will be available to answer questions.

This innovative building has been constructed using recycled

and recycleable materials, will require little energy to operate and will not be hooked up to sewers or storm drains.

Designed by Matsuzaki Wright Architects Inc. of Vancouver, the Choi building will house five research centres on China, Japan, Korea, Southeast Asia and India and South Asia.

Heavy timber beams from the recently demolished UBC Armoury have been used to construct the Choi building's post-and-beam structure.

Design features include high ceilings and windows that open and take advantage of natural ventilation. By using atriums and placing offices to optimize natural light, the building requires less than one-third of the artificial lighting typically used in an office building.

The Choi building also reuses red brick facing, wood and metal doors and frames and washroom accessories from demolished or renovated office buildings.

Composting toilets will produce nitrogen-rich humus and compost tea for use as fertilizer. Other waste water will flow into a subsurface wetland topped with plants whose root systems digest and neutralize bacteria.

Diluted with rainwater collected from the roof of the building, the waste water will be used to irrigate the building's grounds.

The C.K. Choi Building was funded by major donors from Canada and Asia, including a generous donation from C.K. Choi and family and matching funds from the Government of British Columbia.

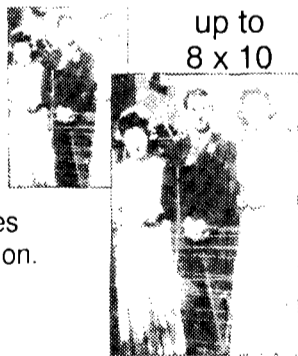
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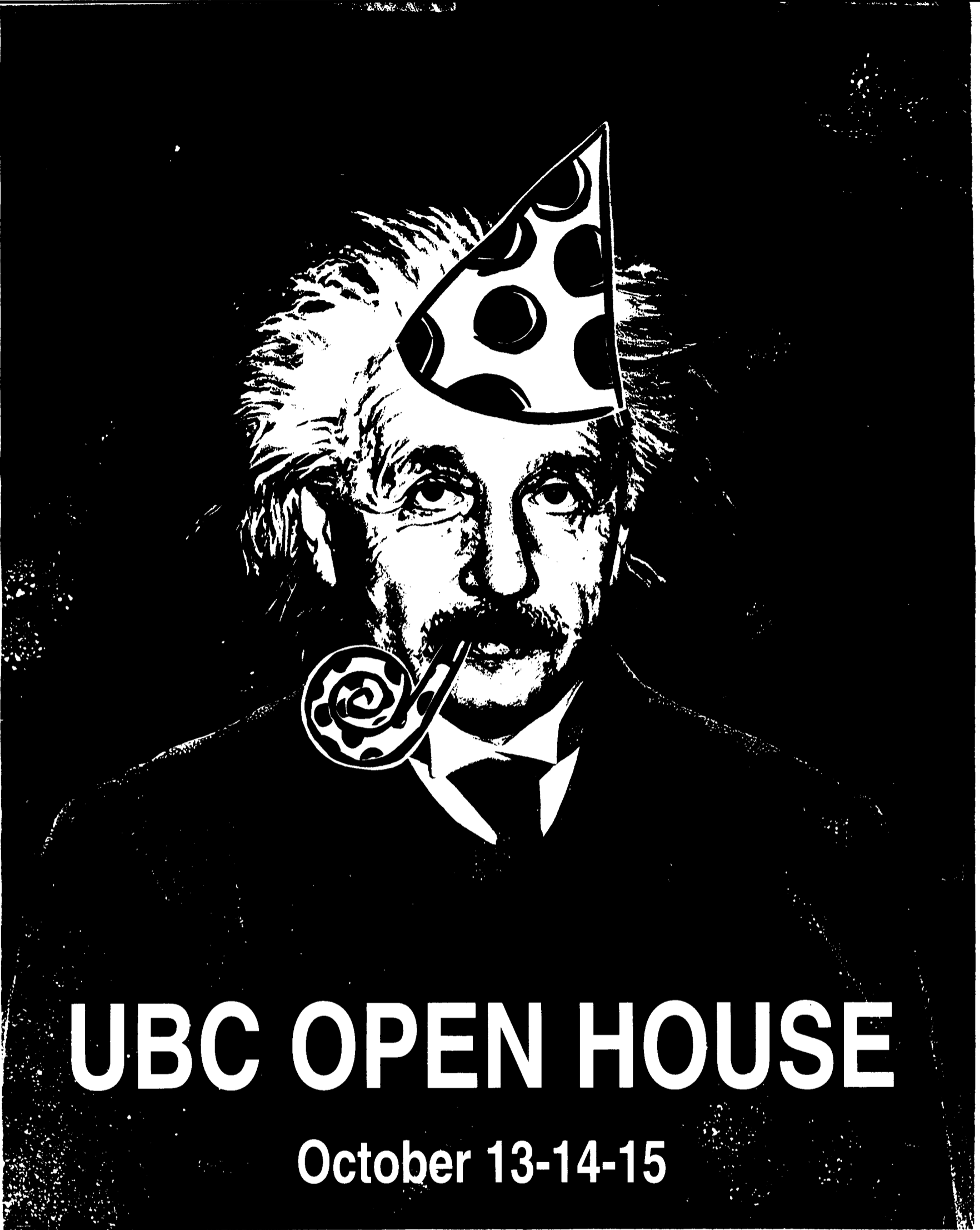


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