Nobel prize-winner Smith speaks about his research

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.

Open House = Serious Fun

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, or watch other work conducted in the lab.

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

Energy builds for serious fun at Open House '95

by Connie Filletti

Staff writer

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

For some 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.

"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.

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

- Essential services
- 80th birthday bash
- Super garage sale
- Apple festival
- Garden know-how
- Piano marathon
- Ball-chasing robot
- Earthquake shake
- Sports schedule
- Dental delights
- Law's 50th
- Campus tours

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 any given event, a free shuttle bus service to take you there and everywhere you wish to go, and some food 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 near 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 Macdonald Field near Rod’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 campus, 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, magicians, dancers and singers.

Deans take dunk for charity

by Stephen Forgacs
Staff writer

It’s all Greek to United Way.

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

The carnival begins with a splash Oct. 5, as UBC deans, associate deans and Alma Mater Society executives come face-to-face with students and staff keen to set the high jump into a task of water. Proceeds from the Dunk-the-Dean tank and other carnival events will go to support United Way’s 95 member agencies and community services throughout the Lower Mainland.

Sorority and fraternity members will throw 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.

Kicks 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, visitors can call 222-1985.

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.

Armchair Adventure is published twice monthly (monthly in December, June, July and August) for the entire university community by the UBC Public Affairs Office, 310 – 6251 Cecil Green Park Road, Vancouver B.C., V6T 1Z1.

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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 honored 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 Rolls Royce.

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 Machnes Field beside the new 80 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 Tertia Smith, chair of the University Athletic Council, will be on hand to help set Open House '95 in motion.

A plaza dedicated to former UBC Chancellor Robert Wyman and others who contributed to the University of 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 Gardens. 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 just 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 of the individuals and organizations who each contributed $10,000 or more to the campaign are also recognized.

Ready to Rolls

UBC alumni 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, to be unveiled Oct. 14 during UBC's Open Opportunity fund-raising campaign will be unveiled Oct. 14 during UBC's Open House '95 celebrations.

"W. Robert Wyman Plaza was built to commemorate the dean Wyman's service to the university, but in a broader context it is 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 fund-raising campaign in UBC history.

UBC President David Strangway, UBC 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.

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Tribute to donors, leaders anchors new Main Mall

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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 amaretti biscotti, pineapple cheesecake and sour cream lime torte.

There's even a chapter devoted to the Food Group's Christmas baking traditions so that people can 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 Sanders. A slimmer version edited by the late Shirley Louie was published in 1986. Its success was so overwhelming 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 young Vancouver food writer who rhapsodized about falling in love over UBC cinnamon buns on the only night that 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.

The Rolls will join other vintage cars, including a 1927 Auburn, 1954 Rolls Royce Silver Dawn in preparation for UBC's Open House '95. The Rolls will join other vintage cars, including a 1927 Auburn, 1954 Rolls Royce Silver Dawn in preparation for UBC's Open House '95. The Rolls will join other vintage cars, including a 1927 Auburn, 1954 Rolls Royce Silver Dawn in preparation for UBC's Open House '95.
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 ignite your interest at Open House.

The ESM (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 the apple garden can sit down with Landscape Architecture students and go over design ideas using computer simulations. Take the pre-cut home and start digging!

The Landscape Architecture program will hold its mini-A-Day to help green the campus. Students will be planting trees throughout Open House week-end.

This year, visitors will be able to make cider-presses. The half dozen or so varieties you'll find at the supermarket are just the tip of the iceberg. 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, CLOCKSenapel and Winter Banana.

"These apples are both old favourites from Europe and North America and newly bred apples which are picked with flavour, success and uniqueness - 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 for sale by the bag. Anticipating more visitors than expected, organizers are tracking in 15,000 pounds of uncommon varieties from farms in the Fraser Valley, Salmo Arm and Renfrewens, Gartshore said.

A new crowd control system and layout should help alleviate the long lines 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.

Tree Bosque just south of the program's studies.

Other Open House events include:

- Make a concrete paving stone, decorated with recycled materials such as bits of broken glass, stones, or shells and take it home.
- Learn how to grow wildflower meadows and other alternatives to residential lawns.
- User-friendly birdhouse contest.
- Biological pressure control for the home garden.
- How to grow salad greens at the workplace in the office.
- 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 aquatic and wildlife conservation and discover how animals can 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 read 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 food. And, "Are you at risk for heart disease? You can take your blood pressure, measure your Body Mass Index and take the Heart Health Quiz."

Commercial takes stock of provincial election

by Stephen Forgacs

Staff writer

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

The UBC Election Stock Market (UBC- ESM) will show investors the consequences of participating in the exhibitions in the Faculty of Commerce and Business Administration. "To look it the technology and the documents are ready," said Assoc. Prof. Tom Ross, one of the market directors. "We'll be trading contracts that reflect 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 UBC-ESM.

Trading on the exchange opened on Oct. 2, marking the second time investors have conducted session-long market activity. Investors purchased shares and engaged in transactions on the exchange. They invested in stocks issued by the UBC, that can be traded on Canadian politics through the UBC-operated market. More than 500,000 was traded 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, investors can manage a fast food restaurant and observe the consequences of their decisions on waiting lines and service. Investors will discover how computer-simulated traffic problems at a Coquitlam supermarket and 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. Finally, "The Commerce Career Centre demonstrates how a computerized information system links students with companies."

The new and innovative MBA program, which was completely redesigned for 1995, was highlighted, and a multimedia display of MBA students and companies visitors an idea of what students in UBC's professional and executive programs experience.

The Parade of Lies, Advertising in the Tobacco Industry takes a provocative and entertaining look at methods used by that particular lobby. The University Industry Liaison Office, which serves as a link between industry and UBC's marketing departments, resources, will explain how research is developed and commercialized, and display new technologies developed at UBC.
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 $22,000 R2D2 - fireplug-shaped and about a metre tall - Spinoza will be demonstrating his skills during Open House in the Astronomy building. The robotic device tracks the ball's movements and sends signals to the motor and mechanisms that control Spinoza's movements. The pride of its creators.

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 Yuan Ming Gardens, an elaborate garden built by generations of Chinese emperors that was destroyed in the 1860s.

Painstakingly recreated by a former student graduate from documents and drawings, the animated model can be seen in the Imager Computer Graphics lab.

Elswhere, in the CICSH/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. How does this work as well? A display of parallel and distributed computing will provide some hands-on experience to use more than one computer to cooperatively 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 the electronic images being analysed by UBC astronomers and students.
- Visitors get a chance to see a real dinosaur skeleton, create their own mini-earthquakes, marvel at the Chemistry Magic Show, and untangle the myth of knots.

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

Sonatenblast. The name. Prof. Robert Silverman admits, would probably make Beethoven roll over in his grave, for the director of UBC's School of Music suggested that faculty, students and alumni get together and perform all 32 Beethoven piano sonatas during Open House, the event committee jumped on the idea.

"It may not quite be 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 runs from length from around three minutes to the 45-minute Sonata No. 29 (Hammerklavier) to be played by alumnus Siegther 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 concentrated period of time.

The piano marathon takes place in the Rectal Hall of the Music Building Oct. 13-15 from 10 a.m. to 4 p.m. daily. Come to the Cabaret! From 2:30-3:30 and 4-5 p.m. on Saturday and Sunday. Assoc. Prof. Nancy Hermon will direct performances of operetta and musical theatre in cabaret settings reminiscent of Paris, Vienna and Berlin.

Other Open House attractions in the Faculty of Arts:

- How does your money affect the world? 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, quizzing 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 life 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.

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 designed 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 patient care," says Simon Albon, a senior faculty instructor and co-chair of the event.

"The Brown Bag Program is designed to get people to come, meet our people and learn about our research," Albon said. "Because people can take these things and use them for their own health care.

"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 presence-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 medicines. Staff will be available to explain the service and supply brochures."

Far Out Pharmaceuticals for Kids!! is also an 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 for cardio-vascular disease.
Calendrier

October 8 through October 11

Tuesday, Oct. 10

Wood Science Seminar Series
Determination And Application Of TWA/FIT Factor Polynomials To Theory With Douglas Fir Laminar, Veneer, Pigs, Chewing, grad student. MacMillan 158, 12:30pm. Call 822-5303.

Animal Science Seminar

Seminar
A B-Glucosidase Active Against Lignin Preserves Content. Pulabha Dharmawardhana, PhD cand. Biotany Biochemistry Lab. 12:30-1:30pm. Call 822-2133.

Lectures in Modern Chemistry
Developing The Syntheses Between Homogeneous And Heterogeneous Catalysed Reactions. Prof. Peter Mattil, Dept. of Chemistry, U of Sheffield. Chemistry 250 south wing. 1pm. Refreshments from 12:40pm. Call 822-3266.

Lecture

Green College Speaker Series
The Knowledge Of Language: What Do We Mean When We Say We Know Language? Hesperor Kithara, Post-dietoral fellow. Dept. of Linguistics. Green College lounge. 5:30pm. Reception in Graham House 4:45-5:45pm. Call 822-6067.

Wednesday, Oct. 11

Seminar

Microbiology and Immunology Series Seminar
Coupling Of Gene Expression To Flagellum Morphogenesis By Example Of An Inherited Factor. Dr. Kelly Hughes, Microbiology Dept., U of Washington. Seattle. Wayne 3-201, 12-1:30pm. Call 822-3306.

Ecology and Centre for Biodiversity Research Seminar
Sex Or Supper? Natural Competition In The Bacterium Haemophilus Influenzae. Rosie Redfield, Zoology, Host. Dr. Judy Myers. Nutritional Sciences 60, 4:30pm. Cookies, Hot b. 10-4pm. Call 822-3957.

Cultural and Media Studies Seminar

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

Opera Panel Discussion

Geography Colloquium

Lecture Series
Capitalizing The Scenery: Landscape. Leisure And Tourism In British Columbia. 1800s To 1900s. Speaker TBA. Morris and Helen Belkin Art Gallery. 12:30pm. Call 822-2797.

Lecture

Noon Hour Concert

Thursday, Oct. 12

JV Clyne Lecture In Fine Arts
Labour, Work And Action. Alex Cobble. C.C., artist. Wolfville, Nova Scotia. Vancouver Board of Trade Hotel. Vancouver Board of Trade Hotel. 4:10pm. Call 822-3957.

CICSIR/CS 208, 4-1:15pm. Call 681-2111.

CISCR Distincted Series Lecture

Continuing Studies Lecture

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

UBC Open House Concert
Civic College. Morris and Helen Belkin Art Gallery. 10am. Call 822-5574.

UBC Open House Concert
Civic College. Morris and Helen Belkin Art Gallery. 2pm. Call 822-5574.

UBC Open House Concert
Civic College. Morris and Helen Belkin Art Gallery. 2pm. Call 822-5574.

Saturday, Oct. 14

Vancouver Institute Lecture

5th Annual Apple Festival

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

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

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

UBC Open House Concert
Jazz Legends: Phil Woods. Saxophone. with UBC Jazz Ensemble. Old Auditorium. 8pm. Call 822-5574.

Sunday, Oct. 15

UBC Open House Concert
Beethoven Sonateshast. 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
Musix And Multimedia. Musicum. 303, 1-4pm. Call 822-5574.

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**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 motion.

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

One story will see recreations of recent earthquakes that rocked Kobe, Japan and Northridge, California as a half-scale model of a two-story house is shaken onto 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 designed 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 musculoskeletal injuries were really well recognized in the past. Now we’re recognizing that these 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 of the campus initiative.
- Discover how to prepare for an earthquake or other disaster 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 students, research on working-class Ho Chi Minh City.

**Weekend full of games**

- **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**
  - Barometer-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.

**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 origins 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 planning, or take a closer look at hermits 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 forest 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” test. This is actually a demonstration of how the chemical composition of emissions is analyzed.

Another station offers a look at live bugs, or microbes, which are essential to the efficiency of the pulp and paper-making process. Visitors can see the three-wheeled car of the future that won the $100,000 top prize in an international competition at Expo 86.

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

By the time Winifred Murphy enrolled in UBC Law in 1950, she could have taught her classmates a thing or two about the legal profession herself. The twice-youngest graduating law student of the second graduating class had more than 15 years experience working as a stenographer in some of the city's most prominent law firms.

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 four years later, appointed as judge to the Family Court of Vancouver in 1964 and appointed to 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 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 those recipients received their legal education long before the law faculty on Point Grey existed. In Murphy’s case, the jump into the profession wasn’t 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 that put the system in the back-wards and had to do it all over again.”

Among the employers listed on her application to the law faculty was lawyer Ronald Stockton. Angelo Bianca, Justice of the B.C. Court of Appeal and former Chief Justice Sherwood Lett, who appointed as judge to the The Hon. Justice William Eason, 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 for law school on Oct. 14 featuring numerous archival and other displays. A gala banquet that evening will feature a keynote address by Judge John R. Hooper.

In addition, Prof. J. C. Smith is using UBC’s Open House and faculty anniversary celebrations to launch FlexLaw, a popular feature of UBC’s last two Open House celebrations.

Butler says he doesn’t expect people to write an autobiography in one sitting. The draft of the story includes what he’s written so far. The workshop is open to all ages and Butler says participants can expect to complete three or four drafts within the three-week period of the course in November. The course is instructed by UBC senior law professor Paul Smith and is offered through the Continuing Education program.

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 discuss concerns 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: Ritson Canadian House, a residence with 200 UBC and Ritsumaden 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 series 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 1950s 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 on and participation. The program is culminated by the annual stage bands, string groups and choirs for a series of performances.
## Glimpse campus of the 21st century

by Gavin Wilson

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 sound buildings, the C.K. Choi Building, which is nearing completion on West Mall.

At the Campus Planning office, 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 Pitch 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 recyclable materials, will require little energy to operate, and will not be hooked up to sewers or storm drains.

Designed by Matuszaki 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 redbrick 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.
Our theory is simple. Learning, while serious stuff, can be fun too. So this year, because it’s our 80th birthday, we’re really letting our hair down. More than 300 exhibits and events. Free parking. And free admission. Good reasons to bring the kids, your brother-in-law, Aunt Hilda...all your relativities. Some of the things to see & do:

Explore 2095: A Mars Odyssey
Concerts, Ensembles & Jazz Music
Underwater-Themed Kids World

Dr. Michael Smith Lectures Friday
Patio, Balcony & Salad Gardens
Witness an Earthquake Simulation

Learn a Language in Ten Minutes
Grizzlies Coaching Clinic Sunday
TRIUMF, World’s Largest Cyclotron

Incredible Tree Seedling Giveaway
Spectacular Surplus Sale-a-thon
Doing Business on the Internet

Serious fun² for the entire family.