THE UNIVERSITY OF BRITISH COLUMBIA

UBC REPORTS

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UBC faculty win science awards

by Gavin Wilson

Staff writer

Three UBC faculty members are among the six winners of this year's Science and Engineering Awards from the B.C. Science Council.

The UBC winners are: Dr. Stephen Drance, Chairman's Award for Career Achievement; Physics and Electrical Engineering Prof. Thomas Tiedje, Gold Medal in Engineering and Applied Science; and Pathology Prof. Dr. James Hogg, Gold Medal in Health Sciences.

The gold medals are B.C.'s highest awards for achievement in science and technology.

Drance, an officer of the Order of Canada, is a leading medical scientist, clinician, community volunteer and benefactor.

He is the principal founder of the UBC Eye Care Centre at Vancouver Hospital and Health Sciences Centre, where thousands of British Columbians have been treated for glaucoma and other eye diseases.

During his long and productive career in clinical research, Drance has been internationally acclaimed for developing many new techniques for the early detection and treatment of glaucoma.

Author of more than 300 scientific papers, Drance is the president of the International Congress of Ophthalmology.

Tiedje is a leader in studies of semiconductor materials, such as silicon and gallium, that have unique properties for controlling the flow of electrical currents.

He and his students have made important contributions to monitoring and control of the growth of semiconductor thin films that are used in the fabrication of optical and high speed electronic devices.

Tiedje is also known for his work with molecular beam epitaxy, scanning tunnelling microscopy and interaction of synchrotron radiation with matter.

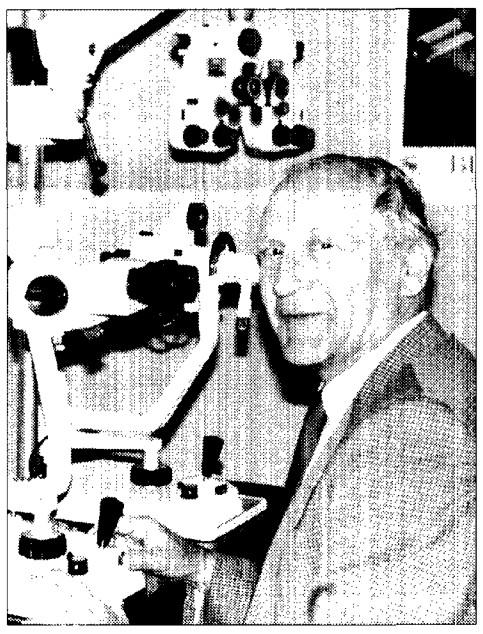
He is the seventh member of UBC's Physics Dept. to win a gold medal since the awards were established in 1980.

Hogg is director of the UBC Pulmonary Research Laboratory at St. Paul's Hospital, a highly regarded lab that attracts more than $2 million in annual grants.

Hogg achieved international recognition for his investigations into airflow obstructions and lung disease, including those caused by cigarette smoke. He was the first to describe the site and nature of airways obstruction in chronic obstructive lung disease.

He also developed techniques for measuring the permeability of epithelial cells in bronchial passages, which led to increased knowledge of the role cell permeability plays in asthma and cystic fibrosis.

The Science Council medals will be presented at the annual awards dinner on Oct. 17 at the Hotel Vancouver.



Dr. Stephen Drance

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Gavin Wilson photo

Not So Fast

Urging UBC commuters to slow down, neighbourhood children and parents recently handed out mock traffic tickets to students and staff getting parking permits at the Parking and Security Services office on campus. Shown here (l-r), fourth-year science student Fayaz Mawani accepts a ticket from Grady Mercs and Marijka Brusse, both nine-year-old students at University Hill elementary school.

United Way campaign takes personal approach

by Abe Hefter

Staff writer

Organizers of this year's United Way campus campaign, which kicks off Sept. 26, have set a goal of $315,000 in donations, an increase of five per cent over last year's goal.

"This is going to be a personal-ask campaign, in keeping with our mandate to go green by cutting down on waste," said campaign chair Doug Napier, area supervisor of Plant Operations.

"Confidential, personalized pledge cards will be distributed by volunteers on a one-to-one basis within the first week of kickoff."

UBC is one of the largest employee groups in the Lower Mainland and has been a leader in supporting United Way's 91 member agencies and 34 affiliate agencies, said Napier.

"UBC students and employees have traditionally been strong supporters of the United Way. This year, for the first time, we are appealing to UBC retirees for their support," he added.

United Way of the Lower Mainland is a volunteer-led, registered charitable organization that focuses on needs in the Lower Mainland. Last year, United Way helped more than 500,000 area residents.

United Way assists donors in directing their gifts to where they are needed most, and also provides donors with the options of designating to a United Way field of service or a specific charity in Canada. Because of the interest revenue from United Way's endowment fund, 97 cents of every dollar given goes to agencies and services.

United Way

The 1994 campus campaign will include many of the popular events associated with past campaigns, including a barbecue, Oct. 6, at the MacMillan Building, and a pancake breakfast, Oct. 12, at the Instructional Resources Centre.

For more information on the campaign, which runs until Oct. 21, or to become a United Way campaign volunteer, call 822-0913.

Homecoming 1994: invitation to explore UBC

Abe Hefter

Staff writer

You'll want to pack your passport when you make plans to visit UBC for Homecoming '94, Oct. 13-16.

It's not just any passport, but a unique one that will enable you and your family to embark on a magical, eye-opening tour through UBC's Path of Learning on Oct. 15, one of the many activities planned for Homecoming.

Homecoming offers alumni, families and friends an opportunity to renew relationships with UBC and to acquaint themselves with all that is new and exciting at the university.

The passport, which will be available free of charge at any Path of Learning venue, will entitle you to free admission to many UBC attractions as you step back to familiar places and gaze into the future as the tour leads you through the newest additions to campus.

You can have your passport stamped at each location. Your passport could

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Letters

Allowing mall access a step backwards

Editor:

The article "Mall access aimed at reducing traffic in core" (*UBC Reports*, Sept. 8) makes some rather confusing statements about why changes to the core road system at UBC have been made.

There was no need to open new traffic routes to reduce traffic in the core of the campus. Core roads were open only to service and emergency vehicles and these vehicles already had access to East and West malls. The opening of East and West malls to general traffic is an unwarranted step backwards in reducing automobile dependence on campus and creates safety concerns for pedestrians. Heavy foot traffic across these roadways to reach residences, the Student Union Building and the bus loop creates a serious safety problem.

The installation of physical barriers to dissuade vehicular traffic from entering the core campus is a much appreciated but long overdue improvement. Traffic slowing measures on East and West malls are beneficial measures which are sadly counteracted by the opening of these streets to general traffic.

Ian Fisher
Fourth year, Geography

Homecoming

Continued from Page 1

also win you a trip for two anywhere Air Canada flies in Europe, executive first class.

An information kiosk will be set up in front of the UBC Bookstore and a free bus service will shuttle visitors to venues.

Stops along the way will include the Museum of Anthropology, where the entire family can view one of the world's most stunning displays of Northwest Coast First Nations art; Nitobe Memorial Garden, an authentic Japanese garden; Cecil Green Park, which will host an exhibit of recent works by UBC alumni Dianne Ostoich and Rob Wilson; the First Nations Longhouse, a magnificent new building and gathering place that enables First Nations to learn and share with each other; and the M.Y. Williams Geological Museum, home to a real dinosaur and other fossils.

Your passport will also entitle you to half-price admission to the Homecoming football clash between the T-Birds and the University of Alberta at Thunderbird Stadium.

As an added bonus, there will be two performances of the famous Chemistry Magic Show, at 11:30 a.m. and 1:45 p.m. in room B-150 of the Chemistry Building.

A number of locations will serve food, including "Just Like Grandma's Bannock" at the Longhouse. Washrooms are available at all venues except Nitobe Garden.

Alumni, family and friends are invited to attend the celebrations which include the UBC Sports Hall of Fame banquet, the Great Trekker Award Ceremony, the Thunderbird hockey home opener, martial arts demonstrations and the fourth annual apple festival at the Botanical Garden.

For more information on Homecoming '94, call 822-3313.

News Digest

Is the world coming together or falling apart? That's the question distinguished guest speakers will address in the 1994-95 UBC International Forum lecture series.

Lloyd Axworthy, minister of Human Resources, will launch the lecture series on Sept. 29 with a talk entitled Shaping Canada's Safety Net in a Global Trapeze.

Axworthy will discuss how Canada will be able to sustain its current social programs in the face of global competitive pressures and cracks in national unity.

Other speakers will look at similar paradoxes of globalization and fragmentation.

In addition to Axworthy, the fall line-up includes Ann Medina, a former CBC journalist, and Abe Lowenthal, director of the Centre for International Studies at the University of Southern California. Other speakers will follow in the spring.

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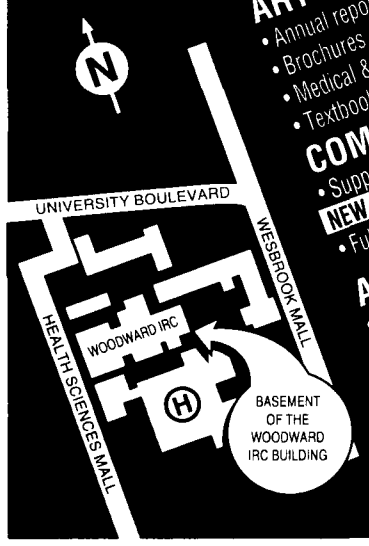

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Book takes in-depth look at health care

by Connie Filletti

Staff writer

A new synthesis of the effects of social environment, inherited genes and lifestyle on health, and the consequences for national health policies is the subject of a new book featuring the research of several UBC experts.

Patricia Baird

Why Are Some People Healthy and Others Not? The Determinants of Health of Populations explores why the concept that health is decided by more than medical care has had scant impact on changing the focus of health policy from therapeutic medicine to the basic factors that determine health.

"We believe there is confusion about the importance of different determinants of health and the relationships among them," said editor Robert Evans, a professor of Economics and an internationally recognized health-care economist.

"A better understanding of the determinants of health could lead to the development of more effective health policies."

Evans added that the evidence assembled in the book provides a balanced perspective on both the potential and the limitations of biomedical science and its clinical applications.

"It thus shows a need to take a much broader range of factors into account, if the objective of our health policies is, in fact, to produce healthier people, not just more health care," he said.

"A more balanced perspective, if widely shared, may also support the development of a more balanced mix of social policy."

The book integrates research on population health stemming from a variety of disciplines — including genetics, anthropology and economics — which focuses on the role of factors such as culture, genetic predisposition and social and economic environments on determining health. It also explores ways in which this knowledge may help re-direct national health policies.

Other UBC contributors to the book are Morris Barer, director of UBC's Centre for Health Services and Policy Research, Dr. Patricia Baird, a professor of Medical Genetics, who served as chair of the Royal Commission on New Reproductive Technologies, and Dr. Clyde Hertzman, an associate professor of Health Care and Epidemiology.

All contributors are members of the Population Health Program sponsored by the Canadian Institute for Advanced Research (CIAR).

CIAR was established in 1982 to support individuals — in an environment unhampered by institutional or disciplinary boundaries — in their research on complex scientific and social problems.

Why Are Some People Healthy and Others Not? The Determinants of Health of Populations is published by Aldine de Gruyter.

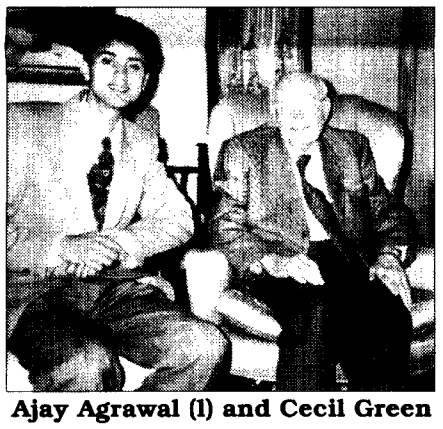
Offbeat

by staff writers

When Ajay Agrawal signed up for a UBC commerce course, he never dreamed it would lead to a weekend in Dallas, Texas, with the legendary Cecil Green driving him around town in a blue Cadillac.

Agrawal was taking a graduate-level commerce course from Adjunct Prof. Haig Farris on the formation, financing and management of hi-tech companies.

Farris recommended he interview Green for a paper. For various reasons, the interviews didn't pan out, and Farris suggested Agrawal make a video instead.



Ajay Agrawal (l) and Cecil Green

Agrawal, a graduate student in Advanced Technology Management (MEng/MBA), is a resident of Green College, which was built with a $7 million donation from the Texas philanthropist. It was at the opening of the college that he first heard Green speak.

"I was intrigued by his sharp and insightful remarks, his phenomenal stamina and his genuine interest in students," he said.

Sponsored by Farris and Green College, Agrawal flew to Dallas where he taped 15 hours of footage in Green's apartment.

In deference to Green's age — he's 94 — Agrawal stopped after a couple of hours and asked if Green was tired.

"Hell, I'm not tired. Are you tired?" Green replied.

"I quickly realized I had to be on my toes," Agrawal said.

The video shows Green talking about his life, from his days as a UBC student to his career as an engineer and entrepreneur.

Green, working as a geophysicist, headed a Texas oil exploration company before the Second World War. But after Pearl Harbour, the U.S. military announced oil exploration was no longer a priority, and warned they would be recruiting the best and brightest of Green's staff.

Instead, Green and his partners saved the company by using their scientific and entrepreneurial expertise to create magnetic aerial detection devices for locating enemy submarines. This led to the creation of Texas Instruments, a company that, among other things, invented the first pocket calculator.

At lunchtime on the first day of taping, Green said, "let's go out."

To Agrawal's surprise, Green led him to a parking garage and climbed behind the wheel of his blue Cadillac.

Green manoeuvred the Caddy through the congested downtown streets, even pulling a u-turn, on their way to the Dallas Petroleum Club. He's been a member of the exclusive club for so long there is even a dessert — mint ice cream and Kahlua — named after him.

"He's certainly full of surprises," Agrawal marvelled.

Green enjoys telling his story. He feels that it is important to give back the knowledge he's gained over the years, and hopes that his message, which emphasizes the importance of people, will be heard long after he's gone.

Green has asked that the 75-minute video be distributed to institutions touched by his philanthropy, including MIT, Oxford, Stanford, the Colorado School of Mines, the University of Texas, Dallas and the Scripps and Woods Hole oceanography institutes.

It is estimated that Cecil and his late wife Ida Green have contributed between $300 million and $400 million to benefit education, medicine and science.

At UBC, the Main and David Lam libraries and Green College will soon have copies.

But if you want a ride in Green's Cadillac, you'll have to arrange that yourself.

John Chong photo

Caleb Chan, who, along with his family, gave UBC $10 million to fund a new performing arts centre, takes a turn at the controls of a backhoe during a recent ground-breaking ceremony for the Chan Centre for the Performing Arts.

Chan Centre to boost Vancouver arts scene

by Gavin Wilson

Staff writer

Construction is set to begin on the $24-million Chan Centre for the Performing Arts, a top-quality performance facility expected to open in the spring of 1996.

The centre will be a significant addition to UBC and Vancouver's arts scene, with an acoustically advanced 1,400-seat concert hall, an innovative 200-seat studio theatre and a 150-seat cinema.

It will provide versatile spaces for use by various groups on campus as well as increase the university's capacity for conferences and lectures.

"The Chan Centre for the Performing Arts will be a place of learning for the students of UBC," UBC President David Strangway said at a recent ground-breaking ceremony.

"It will be a community resource for the people of B.C. and will strengthen cultural ties with countries in the Asia Pacific."

The project is largely funded by a $10-million gift from the Chan Foundation of Canada. Other major donors include B.C. Tel, the Royal Bank of Canada, Falconbridge Limited, Rheinzink Canada and the Government of British Columbia.

The centre will feature the 1,400-seat Chan Shun Auditorium, a mid-sized concert hall named in honour of Chan Shun, father of Tom and Caleb Chan.

Members of a Vancouver family originally from Hong Kong, the Chans are business people with a long history of philanthropic giving and service to the community. They are the founders of the Chan Foundation of Canada.

The concert hall will be a venue for UBC performing groups as well as local and touring groups, public lectures, musical performances and will be the new home of UBC's Congregation ceremonies.

The 200-seat B.C. Tel Studio Theatre will be an innovative space outfitted with flexible seating, allowing multiple uses. The 150-seat Royal Bank Film Cinema will provide a significant space for viewing of professional and student films.

Strangway said the university was honoured that the Chan family — which has a long tradition of giving around the world in areas such as education, hospital and community projects — chose UBC as the Canadian Foundation's first major philanthropic commitment.

In addition to the Chan family's outstanding support for the building, a portion of the generous gift will be used for the establishment of the Chan Endowment for the Performing Arts. The endowment will assist international and community groups who wish to perform at the Chan Centre.

Other speakers at the ground-breaking ceremony included Lt.-Gov. David Lam, Dan Miller, minister of Skills, Training and Labour, UBC Chancellor Robert Lee, Dr. Tom Chan, representing the Chan Foundation, and Associate Deans of Arts Donald Paterson and Robert Kubicek.

Designed by Bing Thom Architects, winner of the Governor General's Award for Architecture, the Chan Centre's construction will have both immediate and long-term economic benefits, including 8,800 person weeks of work during the two-year construction period.

The management, maintenance and upkeep of the Chan Centre will create a minimum of 10 permanent jobs. Additional economic benefits will result from commercial performance activity, conferences, conventions and tourism.

The Chan Centre is intended to be a major cultural showpiece and a ceremonial gathering place. Together with the Museum of Anthropology, Frederic Wood Theatre and the Belkin Art Gallery, it will complete UBC's cultural precinct.

The area around the centre will be upgraded with new lighting, signage, landscaping and pedestrian amenities. Almost all of the existing trees will be retained.

Athletic Hall of Fame

Hall honours outstanding campus athletes

by Abe Hefter

Staff writer

Rick Hansen and Tricia Smith are among the 11 athletes, four builders, and one team that will be inducted into UBC's Athletic Hall of Fame Oct. 14.

The Hall of Fame, which began in 1993 with 23 inaugural inductees, honours the outstanding athletes, builders and teams that have enriched almost 80 years of UBC athletics history.

ATHLETES:

Jean Bardsley

One of B.C.'s great badminton and tennis players, Bardsley was perhaps the top badminton player on campus from 1938 to 1942. In addition, she was a leader on the UBC women's basketball team and served as both president of the Women's Athletic Association and coach of the UBC badminton teams.

Thelma Cornwall

The late Thelma Cornwall was an outstanding athlete during UBC's early years. A charter member of the Women's Big Block Club in 1930, she won four UBC women's individual track and field championships. As a basketball player, she starred on three UBC teams that won B.C. championships, including the 1930 world championship team.

Rick Hansen

One of the most outstanding athletes ever to attend UBC, Hansen leaves an enduring legacy. He was the first disabled person to enrol in Physical Education at UBC and represented Canada and UBC at the 1982 Pan American Games and 1984 Olympic Games. Hansen was named Canada's male athlete of the year prior to his graduation in 1984, and by that time had won 19 international marathons. He later received the UBC Alumni Award of Distinction as well as an honorary doctorate. His 1985 Man in Motion World Tour raised $26 million for spinal cord research, rehabilitation, wheelchair sports and awareness.

Rick Hansen

Jim Harmer

From 1936 to 1941, Harmer was one of the top varsity athletes at UBC as a hockey, football and rugby standout. In addition, he served for two terms as president of UBC Men's Athletics. He was killed in action in Normandy during the Second World War.

Maureen Hibberson

Considered a pioneer in the development of synchronized swimming in B.C., Hibberson led UBC in the sport with individual and team championships. She was also a dominant badminton player both at the university and national levels and was a member of UBC's field hockey teams in the early 1950s.

Marilyn Pomfret

Alan Hobkirk

Hobkirk has been called Canadian field hockey's greatest goal scorer in its history of international competition. He was awarded a Rhodes Scholarship, won the Bobby Gaul Award as UBC's outstanding male athlete, and represented Canada at the Olympics. By the time he graduated from UBC in 1979, Hobkirk had played in almost 100 international matches, many at the World Cup level.

George Hungerford

Hungerford became an integral part of UBC's renowned rowing tradition with a dramatic gold medal victory in the 1964 Olympic pairs competition, which he shared with Roger Jackson. Canada's male athlete of the year in 1964, Hungerford competed at the 1965 international rowing championships at Henley.

John McLeod

Between 1952 and 1956, McLeod rewrote virtually every UBC basketball point scoring record. He set game, season and career scoring records that stood for up to 16 years. A three-time Evergreen Conference All-Star, McLeod was presented the 1956 Bobby Gaul award and selected to Canada's 1956 Olympic basketball team.

George Puil

One of UBC's outstanding football and rugby stars of the early 1950s, he was called the most dangerous broken field runner ever to pull on a Thunderbird sweater. An all-star at the collegiate, provincial and national levels in rugby, he carried most of the load offensively for four seasons in both sports.

Basil Robinson

A high-profile, all-around athlete at UBC between 1938 and 1940, Robinson played rugby, soccer and field hockey. In addition, he had a hand in introducing cricket to UBC in 1938. A 1940 Rhodes Scholar, he proceeded to become the first Canadian to be awarded his "blue" for cricket at Oxford.

Tricia Smith

In her 13 years of rowing, Smith won medals at seven world championships, a Commonwealth Games gold and an Olympic silver. She is the only athlete in UBC history to have been selected to represent Canada in four Olympics: in 1976, 1980, 1984 and 1988. A UBC rower from 1978 to 1982, Smith served on the women's commission of FISA, the international rowing federation based in Switzerland.

BUILDERS:

Jack Pomfret

One of the finest athletes Vancouver has ever produced, Pomfret served as instructor and coach of UBC's football, swimming and basketball teams from 1946 to 1987. He earned Canadian Interuniversity Athletic Union coach of the year honours as UBC swimming coach and won five Western Canadian Championships as the men's basketball coach. He is most proud of the contribution he made toward the realization of his dream of an Aquatic Centre on campus, which was completed in 1978.

Gordon Shrum

Marilyn Pomfret

Starting as a UBC student in the early 1950s and later as a coach and women's athletic director, Pomfret has had a profound influence on athletics at UBC. Pomfret was responsible for the development of athletic opportunities for women, both at UBC, and across the country. She served as director for both Canada West and the Canadian Interuniversity Athletic Union and was responsible for instituting the concept of national university championships for women. She also played an active role in the realization of the Aquatic Centre.

Frank Read

As the UBC rowing coach, the late Frank Read was at the helm of UBC's glory days of rowing in the 1950s. Read converted unheralded UBC crews into 1954 Canadian and Commonwealth champions, silver medal winners at the 1955 Henley Rowing Regatta, 1956 Olympic gold and silver medal winners, and silver medallists at the 1960 Olympics.

Gordon Shrum

From 1925 until 1961, the late Gordon Shrum was the behind-the-scenes decision maker, initiator and developer of UBC athletic programs. From his position as head of the Physics Dept., Shrum influenced, organized and expedited activities on campus. He helped establish football on campus and was a major influence in the completion of UBC's first sports stadium, Varsity Stadium.

TEAM:

The 1930-31 UBC Men's Basketball Team proved to be virtually unbeatable from the time it first practiced at the campus gym in September through to the Canadian championships in April. Led by Bob Osborne, Arnold Henderson, Pi Campbell and Cy Lee, they defeated the best Senior 'A' teams from both B.C. and the prairies en route to the Western Canadian Championship and a national title.

Annual fund created to support tradition of giving

by Abe Hefter

Staff writer

Building on the success of the World of Opportunity fund-raising campaign, UBC has established an annual fund which takes into account the unique giving patterns of individual groups.

"Many people are already part of this tradition of giving," said Geraldine Dunnigan, manager of annual funds and awards in UBC's Development Office.

"For example, alumni tend to give something back to help tomorrow's graduates. Faculty and staff support projects that have the greatest impact on their areas of interest and expertise. Parents support the projects that have the most impact on their children's education."

The UBC Annual Fund consists of several ways of giving:

- the Alumni Appeal, which enables UBC grads to give something back to the university while helping tomorrow's grads;
- the Parents' Appeal, with parents of students getting involved with UBC by supporting projects important to their children's education;
- the Wesbrook Society, which consists of alumni and friends of the university who contribute annual gifts of $1,000 and more;
- the Class Act Appeal, which enables graduating students to show their school spirit with a three-year pledge to UBC;
- the Awards Appeal, whereby alumni and friends of the university support awards for outstanding students pursuing excellence at UBC;
- the Faculty and Staff Appeal, with faculty and staff showing their commitment to making UBC a world-renowned institution of higher education and research;
- and the Corporate Match, with leading corporations showing their support by matching employee gifts to UBC.

"By bringing all these groups under one umbrella, the UBC Annual Fund can strengthen the tradition of annual giving by supporting ongoing projects," said Dunnigan.

the UBC Annual Fund

"It's about people helping people, and people who care about the quality of education and the benefits that education brings to our community."

For more information on the UBC Annual Fund, call Geraldine Dunnigan at 822-8904.

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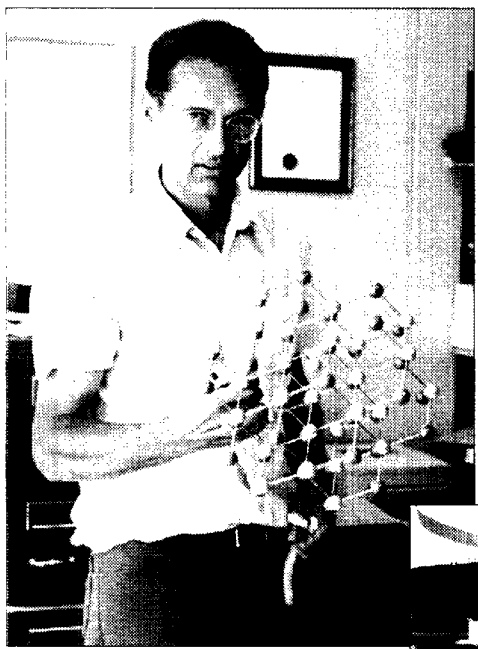
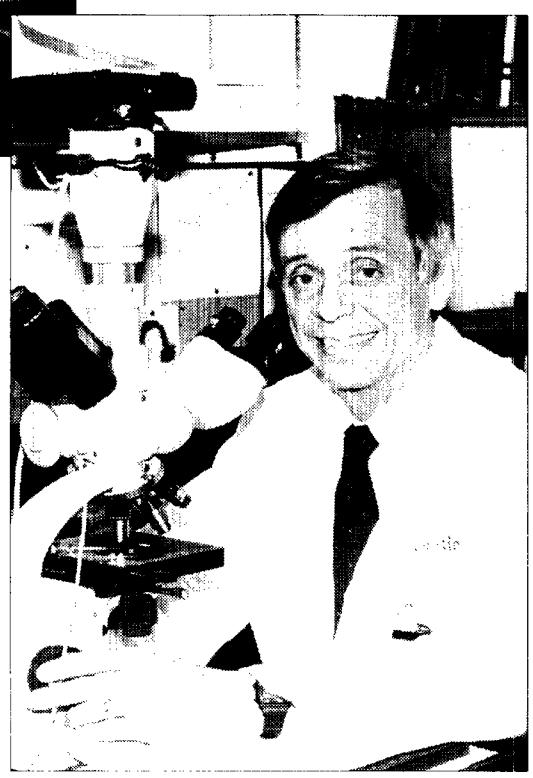


Excelling In Science



Prof. Thomas Tiedje (above) and Dr. James Hogg (right) were among three UBC faculty members given awards by the B.C. Science Council. Tiedje won the Gold Medal in Engineering and Applied Science while Hogg received the Gold Medal in Health Sciences. Dr. Stephen Drance was given the Chairman's Award for Career Achievement.

Please see story on Page 1.

Suzuki shares message with science students in innovative program

by Gavin Wilson

Staff writer

UBC Zoology Prof. David Suzuki told students at the opening lecture of the Science One Program that they are involved in one of the most important areas of education at UBC.

Science One is an alternative first-year program built around a single 21-credit course that takes an interdisciplinary approach to the core science curriculum.

Enlarged this year to include 65 students, many of them from out-of-province, the program emphasizes the integration of the scientific ideas and principles common to biology, physics, chemistry and mathematics.

Entrance requirements are stricter than for the general science program. About 55 per cent of Science One students are female, higher than the faculty average.

Courses are team-taught by faculty members from the four major science departments: Robert Thompson, Chemistry; Luis Sobrino, Physics; Leah Keshet, Mathematics; and Lee Glass, Biology. Guest lecturers such as Suzuki are brought in from other disciplines.

Suzuki told the students that science is at the root of most of today's major issues including extinction of plant and animal species, atmospheric change, population growth, and toxic pollution, but its role in these issues is frequently ignored.

"The message I've been harping on during my 30-year career as a broadcaster is that science, when applied by industry, medicine and the military, is the most powerful force shaping society today," he said.

> **"The message I've been harping on during my 30-year career as a broadcaster is that science, when applied by industry, medicine and the military, is the most powerful force shaping society today."**
>
> - David Suzuki

Knowledge of science should be accompanied by a background in the social sciences and humanities to put science into a historical and social context, Suzuki said. He added that Science One is one small way to bridge the schism between the two great ways of knowing: humanities and science.

He recalled how he did his undergraduate degree at Amherst College, a liberal arts institution in Massachusetts. Although a biology major, he was required to pursue studies in the social sciences and humanities and never allowed to take more than half of his courses in science.

"That education made me what I am," he said. "It it has influenced me to this day and shaped my attitude toward what an undergraduate education means."

Suzuki also urged the students to reject the reductionist view of nature that has been a mainstay of science since Isaac Newton.

"It's a tragedy that scientists believe that passion, awe and excitement somehow taints their knowledge and has no role in what they do," he said.

Forum

IRA ceasefire: Grounds for cautious optimism

by John Wilson Foster

Foster is a professor in the Dept. of English at UBC.

Any cessation of lethal hostilities is matter for celebration, especially when it is announced by the Irish Republican Army, a cold-blooded organization that, off and on, has been in business for much of the 20th century. In basic human terms, it means that someone scheduled by an "active service unit" to meet his maker next Monday, say, will be spared; someone who would have been maimed by grim fortune in a bomb blast a month from now, will in blissful ignorance stay whole and hearty.

It is a shame we cannot loiter amid the humane results of the ceasefire but must weigh its political significance and repercussions. Even its reception is in some quarters an alloy of caution, relief, optimism, and great scepticism.

Unionists — those who wish to stay within the United Kingdom — wonder if the IRA ceasefire is not a piece of the jigsaw puzzle falling into the place made ready for it by the Anglo-Irish Agreement of 1985, in which the Irish Republic was given a consultative role in the British province, and by the Downing Street Declaration of 1993, in which Britain for the first time entertained the prospect of a united Ireland.

They hear Gerry Adams tell his west Belfast supporters that the IRA still demands "fundamental political and constitutional change . . . a free and united Irish republic." Perhaps this is understandable face-saving by a surrendering commander in front of supporters. Perhaps the flag-waving motorcades in west Belfast express genuine relief on the part of hard-hit citizens whose exhilaration is the delirium of the fatigued and not triumphalism.

But unionists hear a renewed demand that is essentially that made by Northern Ireland's constitutional nationalist party (the Social Democratic and Labour Party), and by the Irish Republic. This cessation of hostilities ("complete" but not "permanent") might in fact be closing the previously broken ranks of the "pan-nationalist front" — all those actively favouring a united Ireland — of which even the British government, political parties, journalists and public now form a part.

They fear, too, that the vacuum created by the ceasefire will be filled by grateful concessions by the mainland British, who are in the throes of a love affair with the Irish. Already the government has withdrawn its initial objection to the wording of the ceasefire. It has been a moral sticking-point with unionists that they, who have unflinchingly borne the brunt of the IRA onslaught over the years, must watch those who have suffered little by comparison make concessions to the unionists' tormentors to which the unionists have not been party.

They are afraid that since IRA violence has been the engine of political concession to Irish nationalism, assurances must have been relayed surreptitiously to the terrorist organization that the engine is no longer required since the road to a united separate Ireland is now downhill, that the republican objective has achieved sufficient momentum to go exclusively constitutional.

Unionists worry in case Downing Street has tacitly agreed to Adams' demand for "demilitarization": this is a fancy Americanism for what was called in 1920 "the return to barracks" of British troops, and it is a code-word for only one thing: a pull-out from Northern Ireland by Britain and abandonment of the British population.

They worry that the government has intimated that it will act as "persuader" in the days to come. That is, undertake to persuade the unionists through money, social legislation, and cultural propaganda that their destiny is outside the United Kingdom. Some fear that Big Brother will try by repetition to convince them that two and two are five, that they are Irish and not British (though most Scots are happily Scottish and British).

They worry that the government has signalled to the IRA that were it to lay down its arms, British security will "take care of" the loyalists. The last potent doorstep package delivered by the IRA has been a dilemma to the door of its counterparts, the UDA and UFF. Should these loyalist groups immediately match the IRA ceasefire, they will be seen by some to be conceding the initiative to the republicans once again.

If they continue hostilities, they will be silhouetted against the white screen of peace and seen as the last enemies of humanity in the province. Their moral isolation will be the more graphic since their terrorism often takes the heinous form of murdering Catholics, innocent or not. It would be a terrible irony were the British army's final task in Northern Ireland the crushing of armed loyalist resistance to the province's expulsion from the United Kingdom, with the determination they have shrunk from using against the IRA since 1985.

Until the British government proves without a shadow of a doubt that no deal was struck with the IRA, either directly or through the offices of the Irish government, the IRA ceasefire is unlikely to become a lasting peace.

The majority in Northern Ireland (made up not just of Protestants but also of many Catholics) wishes to see the province as a fully democratic entity that encourages expression of Irish national identity and acknowledges the legitimate interest of the Republic of Ireland in the welfare of the province's nationalists, and is yet within the United Kingdom. The challenge for unionists is to prevent their justifiable suspicion from becoming paranoia and disabling the imaginative contribution to a renewed Northern Ireland they could make.

Should the IRA ceasefire prove a tactic in a dishonest strategy already covertly agreed with Britain, or a temporary halt dependent on sea-changing concessions wrung from Britain in the near future, the harried and hounded citizens of the province face more troubles down the long and turbulent road of Irish history. But should it represent an indirect acceptance by the IRA that a united Ireland cannot be bombed into existence but must be evolved and earned by the power of peaceful persuasion (and even then perhaps fail to materialize), it will be an unalloyed good and cause for genuine celebration and heartfelt thanks.

Calendar

September 25 through October 8

Monday, Sept. 26

Continuing Studies
Registration is underway for Math 012, a non-credit course in the pre-calculus material needed for first year calculus courses. Mondays/Wednesdays, Sept. 26-Nov. 30, from 7-9:30pm in Buchanan D-327. Registration $245. Call 822-0801.

Senate Committee on Euthanasia And Assisted Suicide
Continues on Sept. 27/28. Special Senate Committee Hearings with 20-30 witnesses. Psychiatry Detwiller Lecture Theatre beginning at 8:30am. Call 1-800-267-7362.

Plant Science Seminar
The Future Of U.S. Colleges Of Agriculture: Whose Interests Shall We Serve? Larry Grabau, U. of Kentucky. MacMillan 318-D at 12:30pm. Call 822-9646.

Institute of Asian Research Seminar
Sovereignty And Surveillance: North Korean Nuclear Problems. A seminar on two Koreas. Bruce Cumings, Northwestern U. Asian Centre 604 from 12:30-2pm. Call 822-3814.

Faculty Development Seminar
Co-operative Group Learning (or how to stay motivated after many years of teaching!). Faculty Development Seminar Room, David Lam Seminar Room (bsmt. entrance behind Trekker's) from 3-5pm. Call 822-4149.

Applied Mathematics Colloquium
Adaptive Numerical Methods For Solving PDEs And Their Applications. Prof. Robert Russel, Mathematics and Statistics, SFU. Mathematics 203 at 3:30pm. Call 822-4584.

Green College Forum
Euthanasia And Assisted Suicide. Members of The Special Senate Committee. Green College recreation lounge from 5:30-6:30pm. Call 822-8660.

Tuesday, Sept. 27

Graduate Student Society Professional Development Seminar
Preparing For Candidacy Exams: Sciences. A panel of experienced faculty members and graduate students. Graduate Student Centre at 12:30pm. Refreshments. Call 822-3203.

Animal Science Seminar
Disease Resistance in Nile Tilapia. Shannon Balfry. MacMillan 260 at 12:30pm. Call 822-4593.

Lectures in Modern Chemistry
1994/95 Bio-Mega/Boehringer Ingelheim Research Lecture In Organic/Tiological Chemistry. Synthetic DNA And Biology. Professor Michael Smith, 1993 Nobel Laureate in Chemistry. Chemistry 250, south wing at 1pm. Refreshments at 12:40pm. Call 822-3266.

Centre for South Asian Research Seminar
Changes In Social Capital, Status Conflicts And The Struggle To Maintain A Civil Society In Sri Lanka, 1930-1990. Dr. Barrie Morrison, Institute of Asian Research. Asian Centre 604 from 12:30-2pm. Call 822-3814.

Botany Seminar
Xanthophyll Cycle In White Spruce. Darren Goetze, PhD candidate. Biological Sciences 2000 from 12:30-1:30pm. Call 822-2133.

Medical Genetics Seminar
Contiginous Gene Syndrome. Dr. Wendy Robinson, Medical Genetics. Wesbrook 201 at 4:30pm. Call 822-5311.

Pharmaceutical Sciences Seminar
Reversal Of Left Ventricular Hypertrophy. Dr. Terryn Nauman, clinical pharmacist for the Community Drug Utilization Program, LGH. UBC Hospital G279 from 4-5pm. Call 822-4645.

Centre For Applied Science Colloquium
The Special Relevance Of Qualitative Research For Ethical Inquiry. Dr. Michael Burgess, Medical Bioethics, Medicine, U. of Calgary. Angus 413 from 4-6pm. Call 822-5139.

Green College Lecture
Alternative Models For Administration And Management. Dr. Margaret Fulton, Language Education/Education Consultant. Green College recreation lounge at 5:30pm. Call 822-8660.

Cultural Theory Group
Cultural Studies And The Academy. Sut Jhally, professor of Communication, U. of Massachusetts, Amherst. Green College recreation lounge at 8pm. Call 822-8660.

Wednesday, Sept. 28

Orthopaedics Grand Rounds
Incomplete Neurologic Syndromes. Chair: Dr. Robert McGraw; speaker Dr. Marcel Dvorak. VGH Eye Care Centre Auditorium at 7am. Call 875-4272.

Microbiology/Immunology Seminar
Turnover Of mRNA in Bacteria: New Insights Into An Old Problem. Dr. George Mackie, Biochemistry/Molecular Biology. Wesbrook 201 from 12-1:30pm. Call 822-3308.

1994 Distinguished Medical Research Lecture
Molecular Medicine: Messages From The Past, Predictions For The Future. Dr. Michael R. Hayden, IRC #1 from 12:30-1:30pm. Call 822-8633.

Wednesday Noon Hour Concerts
Peter Berring Trio. Music Recital Hall at 12:30pm. Admission $2.50. Call 822-5574.

Forest Sciences Seminar
Ideas, Notions/Beliefs That Change B.C. Silviculture And Management Practices. Gordon Weetman, Forest Sciences. MacMillan 166 at 12:30pm. Call 822-6019.

Geography Colloquium
Contested Visions Of A Modern City: Planning And Poetry In Post-War Glasgow. Dr. Nicholas Fyfe, Geography (Strathclyde Geography). Geography 201 at 3:30pm. Refreshments. Call 822-4929.

Faculty Development Seminar
Instructional Objectives: A Guide To Teaching And Evaluating. Mary-Ann Booth, Commerce. Angus 109 from 3:30-5:00pm. Call 822-9149.

Applied Mathematics Colloquium
Interface Problems. Prof. Richard Durrett, Mathematics, Cornell U., Ithaca, NY. Math 203 at 3:30pm. Call 822-4584.

Women In English
A network with other Women In English about jobs, publishing, conferences and topics of interest to all English graduate students. Graduate Centre Penthouse from 5:30-7pm. Call Jenifer at 877-4787.

Evening Get-Together at the Grad Centre
Women In English invite Men In English to our first of the year party from 7-9 pm at Koerner's Pub. Call Jenifer at 877-4787 for details.

Interdisciplinary 19th Century Colloquium
The Values Of Market Society: 19th Century Economics And Aesthetics. Dr. Regenia Gagnier, English, Stanford U. Green College recreation lounge at 8pm. Call 822-4225.

Thursday, Sept. 29

Commerce/Business Administration Series
Private/Public Sector Management: Is There A Difference? Bruce Howe, executive-in- residence, Commerce. Angus 425 at 12pm. Call 822-8518.

Graduate Studies Information Day
Representatives from Graduate Studies, Graduate Student Society and three western Canadian Universities: SFU, Calgary and Regina. SUB auditorium at 12:30pm; displays in SUB ballroom at 1:30-3pm. Call 822-9546.

UBC International Forum Lecture
Shaping Canada's Safety Net In A Global Trapeze. First of a series of lectures on Globalization And Fragmentation. Lloyd Axworthy, Minister of Human Resources. IRC #6 from 12:30-2pm. Call 822-9546.

First Nations Student Potluck
All First Nations students are invited to gather together to share food and conversation. First Nations Longhouse Great Hall from 12:30-2pm. Call 822-8941.

Centre for Chinese Research Graduates Seminar
Avant-Garde Art Movement/Contemporary Art In China Since The Late 1980s. Jin Li, Fine Arts. Asian Centre 604 from 12:30-2pm. Call 822-4688.

Institute of Asian Research Music Concert/Workshop
Touring ensemble of top musical talent from China, including Yang Jing (pipa) and Hu Tianquan (sheng). Asian Centre auditorium at 2:30pm. Call 822-2331.

Physics Colloquium
Pendular Rates Of Diatomic Molecules. Jacques Vigue, Universite Paul Sabatier, France. Hennings 201 at 4pm. Call 822-3853.

CICSR Faculty Forum
Teleoperation With Force Feedback: Design And Applications. Tim Salcudean, Electrical Engineering. CICSR/CS 208 from 4-5pm. Call 822-6894.

Friday, Sept. 30

St. Paul's Clinical Day
Ocular Infections And Surface Disorders. Chairperson: Dr. Simon P. Holland; Dr. Stephen C. Pflugfelder, associate professor, Cornea/External Disease, Bascom Palmer Eye Institute, School of Medicine, U. of Miami. St. Paul's new Lecture Theatre, level I, phase II from 8am-1pm. Refreshments at 7:30am. Call 875-5266.

School of Community and Regional Planning Seminar
Casinos: Assessing Proponents' Proposals. Robert Goodman, Director of U.S. Gambling Study. Hyatt Regency Hotel from 9am to 5pm. Registration, call 822-3914.

Pediatrics Grand Rounds
Fructose And Sorbitol: Sugars Of The 90s. Dr. J. Perman, professor/vice-chair, Pediatrics, Johns Hopkins U. School of Medicine. GF Strong Auditorium at 9am. Call 875-2307.

Occupational Hygiene Programme Seminar
Achy Muscles And Bad Gas: A Risk Communication Perspective On Pesticide And Sour Gas Exposure Incidents In The Fraser Valley. Lori Walter, PhD candidate, School of Communications, SFU. CEME 1202 from 12:30-1:30pm. Call 822-9595.

Mathematics Colloquium
The Peculiar Nature Of Four Dimensions. David Austin, Mathematics. Math 104 at 3:30pm. Refreshments at 3:15 in Math Annex 1115. Call 822-2666.

Chemical Engineering Weekly Seminar
Application Of Multimedia Based Tools For Teaching Fluidization. Dr. Prabir Basu, Technical U. of Nova Scotia. ChemEngineering 206 at 3:30pm. Call 822-3238.

Biochemistry Seminar
The Molecular Biology Of Rubella Virus. Dr. Terry Fry, U. of Georgia. IRC #4 from 3:30-5:00pm. Call 822-3178.

Protein Engineering Network of Centres of Excellence Seminar
The Molecular Biology Of Cytochrome b. Dr. Alan W. Steggles, North Eastern Ohio Universities, College of Medicine. IRC #5 at 3:45pm. Call 822-8272.

Theoretical Chemistry Seminars
Vibrational Nonequilibrium In Shocked Gases. F. Lordet, Chemistry. Chemistry 402, central wing at 4pm. Call 822-3997.

Institute of Asian Research Seminar
The Bomb: What Does North Korea Want? A series on Two Koreas. Dr. Han S. Park, U. of Georgia. Asian Centre auditorium from 5-6:30pm. Call 822-3814.

School of Community/ Regional Planning Lecture
Casinos: Are They Good For The Community? Robert Goodman, Director of U.S. Gambling Study. John Oliver High School, 530 E. 41st Avenue at 7:30pm. Call 822- 3914.

Saturday, Oct. 1

Environment Seminar
Environmental Legislation. Don Fast, executive director, Environmental Protection, Ministry of Environment. IRC #5 from 12:30-1:30pm. Call 822-8759.

Monday, Oct. 3

UBC Zen Society Lecture
Enlightenment East And West. Dr. Leonard Angel, Douglas College. Buchanan D-121 at 12:30pm. Call 822-4086.

Plant Science Seminar
Selection For Pesticide Resistance In The Parasitic Hymenoptera. Kevin Spollen, Plant Science. MacMillan 318-D at 12:30pm. Call 822-9646.

Faculty Development Seminar
Evaluating Student Performance And Communicating The Results. Martha Foschi, Sociology. David Lam Research Centre Seminar Room (bsmt. entrance behind Trekker's) from 3:30-5pm. Call 822-9149.

Tuesday, Oct. 4

Faculty Women's Club General Meeting
Our New Neighbours, Green College. Richard Ericson, principal. Cecil Green Park main floor at 10am. Call 535-7995.

Lectures in Modern Chemistry
n-Pentenyl Glycosides - A Contemporary Case Of Serendipity: Impact On Synthetic, Mechanistic/Theoretical Aspects Of Carbohydrates And Organic Chemistry. Prof. Bertram Fraser-Reid, Chemistry, Duke University, Durham, NC. Chemistry 250, south wing at 1pm. Refreshments at 12:45pm. Call 822-3266.

Pharmaceutical Sciences Seminar
Prevention And Treatment Of Post-Menopausal Osteoporosis. Dr. Glenda Meneilly, assistant professor of Clinical Pharmacy. UBC Hospital G279 from 4-5pm. Call 822- 4645.

UBC REPORTS

CALENDAR DEADLINES

Calendar items must be submitted on forms available from the UBC Community Relations Office, 207-6328 Memorial Road, Vancouver, B.C. V6T 1Z2. 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 6 issue of UBC Reports — which covers the period October 9 to October 22 — is noon, September 27.

Calendar

September 25 through October 8

Faculty Development Seminar
The Alexander Technique, Alice Enns, Music; TA Training In Modern Languages, Margot MacLaren, French. David Lam Research Centre Seminar Room (bsmt. entrance behind Trekker's) from 3:30-5pm. Call 822-9149.

UBC Graduate/Faculty Christian Forum
Also Oct. 5/6. Real Science, Real Faith. Three Lectures by Prof. R.J. Berry, Genetics, University College, London. Chance And Purpose In Creation. Angus 110, Oct. 4 at 4:30pm; Genes And Genesis, IRC #2 Oct. 5 at 4:30pm and Global Ethics: Religions And Rationality, IRC #2 Oct. 6 at 4:30pm. Call 822-2728.

Green College Lecture
Poetry And Truth. Charles Doyle, poet and professor emeritus, English, UVic. Green College recreation lounge at 5:30pm. Call 822-8660.

Wednesday, Oct. 5

Orthopaedics Grand Rounds
Management Of The Distal Radio-Ulnar Joint. Chair, Dr. Peter T. Gropper; speaker, Dr. Alistair Younger. VH Eye Care Auditorium at 7am. Call 875-4272.

Microbiology/Immunology Seminar
Quest For Antibiotics From Plants, Neil Towers, Botany. Wesbrook 201 from 12- 1:30pm. Call 822-3308.

Forest Sciences Seminar
Effects Of Habitat Alteration On Fish Energetics, Growth And Survival. Scott Hinch, assistant professor, Forest Sciences/Westwater Research Fisheries Centre. MacMillan 166 at 12:30pm. Call 822-6019.

Wednesday Noon Hour Music Concerts
Henri-Paul Sicsic, piano. Music Recital Hall at 12:30pm. $2.50 admission. Call 822- 5574.

Geography Colloquium
Meteorite Impacts And Volcanic Eruptions: Catastrophic Planetary Erosion Processes. Prof. Susan Kiefer, Geology. Geography 201 at 3:30pm. Refreshments. Call 822- 4929.

Thursday, Oct. 6

UBC Board of Governors Meeting
Held in the Board and Senate room, second floor of the Old Administration Building, 6328 Memorial Rd. The open session begins at 9am.

Opera Panel Discussion
Verdi's Nabucco In Context. Susan Bennett, Vancouver Opera; Floyd St. Clair, French; Jon Wisenthal, English and Andrew Busza, English. Dorothy Somerset Studio at 12:30pm. Call 822-4060.

Modern European Studies Lecture
Nato And Eastern Europe. Jan Nowak-Jezioranski, North American Study Centre for Polish Affairs. Buchanan A-102 at 12:30pm. Call 822-6403.

Symphony Concert
UBC Symphony Orchestra with guest soloists Marcia Titley, french horn; Mark McGregor, flute. Jesse Read, conductor. Old Auditorium at 12:30pm. Call 822-5574.

Philosophy Colloquium
The Descent Of Logic. Ray Jennings, Philosophy, SFU. Buchanan D-348 from 1- 2:30pm. Call 822-3292.

Physics Colloquium
Are We Here By Accident? Denys Wilkinson, U. of Sussex, England. Hennings 201 at 4pm. Call 822-3853.

Friday, Oct. 7

Pediatrics Grand Rounds
Structural Anomalies Resulting From Vascular Disruption. Dr. Margo Van Allen, Medical Genetics. GF Strong auditorium at 9am. Call 875-2307.

Occupational Hygiene Programme Seminar
Environmental Impact Of Building Design/Construction. Ray Cole, professor, Architecture. CEME 1202 from 12:30-1:30pm. Call 822-9595.

Fisheries Centre Seminar
Lake Management Strategies To Assist With The Recovery Of Endangered Sockeye Salmon In Idaho. Ralf Yorgue Room, Hut B-8 from 1:30-2:30pm. Call 822-2731.

Chemical Engineering Weekly Seminar
Methane-Proplene Coupling On Supported Catalysts. Qingdong Liu, grad student. Chem/Engineering 206 at 3:30pm. Call 822-3238.

Mathematics Colloquium
Distribution Of Primes: The Old And The New. John Friedlander, Mathematics, U. of Toronto. Math 104 at 3:30pm. Call 822-2666.

Protein Engineering Network of Centres of Excellence Seminar
GM-CSF And IL-3 Receptor-Ligand Interactions. Dr. Angel Lopez, Hanson's Centre for Medical Research, Adelaide, AU. Biomedical Research Centre seminar room at 4pm. Call 822-8272.

Theoretical Chemistry Seminars
Semiclassical Transition-State Theory. M. Cohen, Chemistry. Chemistry 402, central wing at 4pm. Call 822-3997.

Symphony Concert
UBC Symphony Orchestra with guest soloists Marcia Titley, french horn; Mark McGregor, flute. Jesse Read, conductor. Old Auditorium at 8pm. Call 822- 5574.

Saturday, Oct. 8

Vancouver Institute Lecture
Re-Inventing Canada. Mr. Mavor Moore, playwright, actor, producer, critic, Victoria, BC. IRC #2 at 8:15pm. Call 822-3131.

Notices

Student Housing
A new service offered by the AMS has been established to provide a housing listing service for both students and landlords. This new service utilizes a computer voice messaging system. Students call 822-9844, landlords call 1-900-451-5585 (touch-tone calling) or 822-0888, info only.

Graduate Student Society
Extended Health Plan sign-up throughout Sept. for graduate students and associate members. Call 822-3203.

Tai Chi With A View.
Every Monday/Thursday in the Penthouse of the Graduate Student Centre at 12:45pm. Call 822-3202. For other weekly events offered by the Graduate Student Society, call the hot-line at 822-0999.

Campus Tours
School and College Liaison tours provide prospective UBC students with an overview of campus activities/faculties/services. Fridays at 9:30am. Reservations required one week in advance. Call 822-4319.

Disability Resource Centre
The centre provides consultation and information for faculty members with students with disabilities. Guidebooks/services for students and faculty available. Call 822- 5844.

UBC Libraries
Library branches and divisions will offer more than 100 training/tutorial sessions this fall. Learn how to use the online catalogue/information system, or one of more than 75 electronic databases in the library. Check branches/divisions for times and dates. Call 822-3096.

Writing Course
The UBC Writing Centre offers a one-term non-credit writing course in language and composition to assist students preparing for 1st yr. English/LPI. $245. Non-UBC students are welcome. Call 822-9564.

Women Students' Office
Advocacy/personal counselling services available. Call 822-2415.

Frederic Wood Theatre 1994/95 Season
Season ticket sales from 8:30am-4:30pm. Frederic Wood Theatre 207 Mondays through Fridays. Call 822-2678.

Sexual Harassment Office
Advisors are available to discuss questions or concerns and are prepared to help any member of the UBC community who is being sexually harassed find a satisfactory resolution. Call 822-6353.

Clinical Trial Dermatology
Actinic Keratoses Study. Raised lesions with a flaky appearance caused by sun damage. Must be 18 yrs./older. Possibility of 6 visits over 8-month period. Call 875-5296.

Acne Treatment Study. A new acne lotion vs. a proven acne medication. Volunteers not under doctor's care for acne, 25 yrs. or younger. 5 visits over 12-week period. Honorarium upon completion. Call 875-5296.

Basal Cell Carcinoma Study. Superficial Tumours. 18 yrs./older. 6 visits over 16 weeks. Honorarium upon completion. Call 875-5296.

Music And Mood Study
Two one-hour sessions, booked 2 days apart. Honorarium of $20 upon completion of both sessions. Call Dr. Eric Eich at 822-2022.

Audiology/Speech Sciences Study
Volunteers needed with normal hearing, who are native-English speakers; 18-35 years old, with no previous instruction in linguistics to participate in a study of speech perception in noise. Honorarium paid. Call Anita at 822-5054.

Statistical Consulting/Research Laboratory
SCARL is operated by the Dept. of Statistics to provide statistical advice to faculty/graduate students working on research problems. Call 822-4037.

Faculty and Staff Volleyball
Mondays/Wednesdays Gym B, Osborne Centre at 12:30pm. Drop-in or attend regularly for recreation. Call 822-4479.

Surplus Equipment Recycling Facility (SERF)
Disposal of all surplus items. Every Wednesday, 12-5pm. Task Force Bldg., 2352 Health Sciences Mall. Call Vince at 822-2582/Rich at 822-2813.

Fine Arts Gallery
Presently on view, a Group Show of work by five graduates of UBC's Master of Fine Arts program. Open Tues.-Fri from 10am-5pm. Saturdays 12pm-5pm. Free admission. Basement of Main Library. Call 822-2759.

Nitobe Garden
Open daily from 10am-6pm. Call 822-6038.

Botanical Garden
Open daily from 10am-6pm. Shop In The Garden, call 822-4529; garden information, 822-9666.

New facility will boost university-industry relations

by Gavin Wilson

Staff writer

Construction will begin later this month on a building that will give UBC scientists and engineers the lab and office space they need to commercialize their research.

The Multi-tenant Facility, which will be owned by Discovery Parks Inc., is being built on land leased from UBC at the northeast corner of Agronomy Road and East Mall.

The facility will fill the need for a commercial research and development building on campus, said Stephen Kimoff, senior project manager with the UBC Real Estate Corporation, which manages Discovery Parks Inc.

"The challenge was to design a building that was economical and that could accommodate anything from standard offices all way up to wet labs (used for work in chemistry and biology)."

- Stephen Kimoff

Kimoff said that, taking advantage of the kind of synergy that exists at a university, most of the building's tenants will be UBC spin-off companies.

This will facilitate university-industry connections and will create more opportunities for students and faculty, he said.

"The challenge was to design a building that was economical and that could accommodate anything from standard offices all way up to wet labs (used for work in chemistry and biology)."

The architects addressed that challenge with an innovative design. Each floor is essentially an office shell with a high ceiling that has the potential to be economically reconfigured and renovated.

A corridor that runs the length of each floor contains a systems spine that includes all services, such as heating, ventilation, water and steam.

The result is space that is suitable for a diverse spectrum of users and that can be modified as the needs of the researchers change or the company grows.

"We really tried to listen to tenants' needs," Kimoff said.

The $4.2-million, 3,060 square-metre, three-storey concrete structure will be financed by a 50 per cent equity contribution from Discovery Parks Inc. and a commercial mortgage for the other 50 per cent by the Royal Bank.

The university is contributing the land under a 63-year lease and will retain ownership of the building at the end of the lease term. Leasing the tenant space is currently underway.

Building completion is expected in June of next year.

Supplement to UBC Reports

THE UNIVERSITY OF BRITISH COLUMBIA

PERSONAL SECURITY PLAN
Personal Security Advisory Committee

THE UNIVERSITY OF BRITISH COLUMBIA

September 22, 1994

Dear Colleagues:

The University of British Columbia wants to provide a safe environment that is conducive to the pursuit of excellence. To accomplish this objective, a Personal Security Advisory Committee, under the guidance of A. Bruce Gellatly, Vice President of Administration and Finance, was formed in April of this year. Members represent the views of the Women Students' Office, Health and Safety Committee, the Department of Health, Safety & Environment, Parking & Security Services, Community Relations, the RCMP, the Associate Vice President, Equity, the Faculty Association, AAPS, and CUPE.

The mandate of the Committee is to advise on changes needed in the University policies, procedures and practices which affect personal security, to develop a personal security plan for the campus and to devise personal training programs for faculty, staff and students.

I am happy to report that the Committee has now completed a draft Personal Security Plan which has been presented to the Board of Governors for information. I am reproducing this draft for your information and will be happy to receive your comments on the recommended proposals.

Yours sincerely

David W. Strangway
President

Potential Projects, Policies and Programs

1. **Design and implement strategies for ensuring the timely reporting and analysis of, and response to, personal security issues, risks and concerns**

   a. **Design and implement Personal Security Officer (PSO) reporting system**
      - receive and record personal security concerns
      - prepare pamphlet outlining Personal Security Program, with tear-off response card

   b. **Collate and disseminate accurate statistics**
      - on activities of Personal Security Officer
      - on other matters, as determined by the Personal Security Advisory Committee (PSAC)

   c. **Support studies of personal security perceptions and feelings and their relationships to environmental factors**
      - determine how feelings of insecurity and concerns of particular risks change over time
      - determine how those issues relate to physical environmental factors like lighting and psychological safety factors like the existence of sexual harassment

   d. **Department/Area/Building Safety (DABS)committees**
      - PSO maintains contact with DABS Liaison Sub-Committee
      - DABS committees collect reports from building users, observe and report to PSO for follow-up
      - DABS committees are well positioned to quickly identify and report physical and behavioural hazards
      - system identifies personal security hazards in buildings
      - PSO and PSAC promote community awareness of DABS committees activities

   e. **Form focus groups of various community members to identify their concerns about personal security**

   f. **Consider expansion of Personal Assistance Station phone system campus-wide**

   g. **Promote CampusWatch or similar program**

2. **Develop and promote personal security training, education and awareness packages for delivery to the full spectrum of campus user groups**

   a. **Act as resource for Iris Communications Inc. in preparation of Personal Security Training Program**

   b. **Provide support to those who publish material containing personal security information**
      - audit current materials
      - eliminate unnecessary duplication, bearing in mind the value of a
      - certain amount of redundancy
      - ensure that agencies do not impart conflicting personal security information

   c. **Conduct pro-active program to reduce the incidence of personal security risks**
      - integrate with Protection of Workers from Violence in the Workplace legislation

   d. **Introduce personal security modules into courses, orientation sessions and departmental meetings**
      - addressing intolerance, homophobia, discrimination, racism, harassment, feminism, aboriginal rights, gay and lesbian literature, and similar issues

   e. **Support Acquaintance Sexual Assault (ASA) Committee**
      - assist in training
      - act as legal resource in preparation of law portions of training and other materials

   f. **Consider PSAC s role in addressing self defence matters**
      - review advisability of self-defence training and technologies provide guidance on their value

   g. **Develop personal security logo, mission statement, motto, slogan**
      - develop uniform, easily recognizable formats

   h. **Identify and utilize existing campus media resources and similar resources such as computer networks to promote PSO/PSAC activities**

   i. **Promote PASS participation in Orientation Week**
      - static display, e.g., photo montage, pamphlets, patrol car, bike patrol

   j. **Participate in Safety Awareness Week**
      - consider personal security for anchor theme this year

   k. **Train members of Patrol and Parking Sections of PASS, who in turn train community members on**
      - parking lot personal security measures
      - conducting security audits of campus buildings
      - building security techniques
      - dealing with overt personal threats
      - other personal security issues

   l. **Support other training of PASS members**
      - handling of bomb threats
      - powers of arrest
      - powers re trespassers
      - common criminal offences
      - liquor/drug issues
      - effective traffic safety measures
      - self defence, officer safety
      - RCMP liaison

   m. **Train AMS SafeWalk members**
      - observing and reporting roles
      - consider supplying with portable radios on Security Services channel

   n. **Develop training program for future security professionals**
      - approach Langara, Kwantlen, other colleges with law enforcement programs re volunteer placements of their students in security positions, e.g., library monitors, security escorts

3. **Design and implement strategies to enhance the psychological safety of students, faculty and staff on campus**

   a. **Participate in the development and promotion of policies, programs and procedures aimed at dealing with violent, threatening, dangerous and disruptive behaviour**

      i. **Develop and implement strategies against disruptive behaviour work with others on campus to develop a definition of unacceptable behaviour**
         - develop training packages for dealing with disruptive behaviour such as intruders disrupting classes and public lectures

      ii. **Develop and implement strategies for dealing with violent, threatening and dangerous behaviour**
         - ensure University complies with "Protection of Workers from Violence in the Workplace" regulations
         - implement educational activities to raise awareness of the issues
         - develop and deliver training packages on responding effectively to violent, threatening and dangerous behaviour

THE UNIVERSITY OF BRITISH COLUMBIA

PERSONAL SECURITY PLAN

iii. Participate with others on campus to develop a responsible conduct code, code of professional conduct, or code of rights and responsibilities for faculty, staff and students

iv. Consider PSAC/PSO role in recommending action under the Criminal Code, Human Rights Act, or a UBC policy
- possible example: there is obviously a violation but no complainant

v. Identify security risks suffered by special populations like gays and lesbians and disabled persons
- develop specialized strategies to reduce these risks

vi. Promote scheduling of night building use so as to concentrate community members in highly travelled, well lit areas
- financial spin-offs supplement personal security advantages by concentrating building use
- janitorial services
- utilities
- food services
- centralizes security bus pick-ups and drop-offs
- facilitates AMS SafeWalk

vii. Review the effect on personal security of reducing campus services such as building heating, cleaning, lighting and food services
- to what extent does the loss of utilities and services make the affected areas of campus less user friendly and increase personal security risks by reducing campus population?

viii. Solicit student support to increase human presence in appropriate areas of campus
- increases activity in these areas
- may provide career development opportunities, for example:
- Fine Arts students as guides in galleries
- Library Science students in support roles in libraries
- Teaching Assistants to get training and pamphlets on personal security

ix. Review security bus service and other security escort services
- Security Services will conduct an internal audit in the immediate future
- conduct user and non-user surveys
- consider routes and schedules
- coordinate with Personal Assistance Station expansion, AMS SafeWalk, LightWalks
- study possibility of forming jointly funded internal bus service with B.C. Transit

x. Develop marked and mapped LightWalk or SafeWalk pathways
- coordinate with security bus service, Personal Assistance Stations, AMS SafeWalk

xi. Study feasibility of 24-hour supervised study centre
- libraries, computer labs

xii. Establish jogging partners program
- working with Athletics and Sports Services or other appropriate body

xiii. Develop personal security strategies for community members working in remote locations

xiv. Organize "Take Back the Night" walks
- street festivals in walking area of campus

xv. Evaluate causal connection between alcohol and drug abuse and acquaintance sexual assault (ASA) and other crimes against the person

xvi. Review applicable UBC alcohol and drug policies
- evaluate UBC s liability for alcohol- and drug-related personal security incidents
- recommend appropriate changes to UBC alcohol and drug use policies

xvii. Ensure effective policing of licensed premises and events involving alcohol
- RCMP role
- Security Services role
- role of other responsible parties

xviii. Review impact of location of licensed premises on incidents involving risks to personal security

xix. Follow up on current status of submission to Attorney General of B.C. re amendment of Trespass Act
- to ensure unwanted intruders can be effectively removed from campus

xx. Research and promote legislative alternatives to Trespass Act
- amendment of University Act
- Criminal Code, section 41 allows for removal of trespassers
- what is a trespasser under that section? It appears to be different from the Trespass Act definition

xxi. Determine UBC's liability re offences committed on campus
- vagrancy
- trespassing
- vandalism
- exhibitionism
- alcohol abuse
- drug abuse
- criminal offences generally
- traffic offences causing injury

xxii. Determine what UEL legislation applies to UBC
- is any of it relevant to personal security?

3.b. support the Equity office in addressing human rights violations, discrimination and harassment

i. Identify PSAC's and PSO's roles with respect to addressing human rights violations, harassment and discrimination
- (overlaps with addressing violent, threatening, dangerous and disruptive behaviour)
- provide input on relevant UBC policies
- support and promote Human Rights Policy (currently in Draft #3)
- promote counselling and other support services available on and off campus
- assist in investigations
- PSAC to act as legal resource: drafting, opinions

3.c. cooperate with others on campus to maintain and foster an environment which promotes freedom of intellectual inquiry and expression for all members of the University community

i. Develop and promote open, positive, supportive academic and work culture and environment

ii. Promote activities of Teaching and Academic Growth (TAG) in recognizing and effectively addressing infringements upon the freedoms of intellectual inquiry and expression in the classroom

iii. Consider development of relevant course in Managerial and Other Skills Training (MOST) program

4. MONITOR ongoing developments of campus infrastructure TO ENSURE acceptable personal security criteria and standards of crime prevention through environmental design (CPTED)

a. Provide input, audit and approve infrastructure and related plans re personal security concerns
- PSO liaison with Campus Planning re social and physical planning generally, and in particular:
- audit and approval of building plans
- design of spaces between buildings
- traffic, pedestrian and cyclist safety concerns

b. Systematically audit environmental security hazards and identify remedial measures
- lighting
- shrubbery control
- securing and/or demolition of abandoned structures
- placement of dumpsters and other vision obstructions
- installation and maintenance of signs and directories
- repair of vandalism
- traffic hazards

5. Develop and promote policies and procedures designed to enhance an effective, coordinated and timely University response to personal security incidents

a. Promote easy incident reporting and effective, unified response
- develop policies which reduce red tape suffered by community members trying to report incidents
- agencies accept anonymous complaints
- agencies accept complaints not within their jurisdiction and refer them to appropriate agency for action
- develop written protocols which clarify roles of various agencies
- ensures efficient inter-agency referral
- ensures quick and appropriate response to incidents
- promotes public confidence
- promotes good relations between agencies (no turf wars)
- include off-campus agencies, e.g., Pacific Spirit Park, in these initiatives

b. Form Incident Response Team
- identify team members, e.g., counselling, media liaison, RCMP, security
- train team members
- determine circumstances under which team will take action
- consult with other groups that have similar mandates

c. PASS radio system upgrade
- consider installation of repeater
- currently many dead areas and poor unit-to-unit communication
- consider centralized campus communication operations centre, Class A
- could be integrated with proposed BC Transit loop parkade

Open House

The 1995 UBC Open House has been rescheduled for the fall term, October 13, 14 & 15, 1995

BUILDING ON THE UBC MISSION

NEW CONSTRUCTION ...site preparation for **Chan Shun Centre for the Performing Arts,** a concert/convocation centre, theatre and cinema, adjacent to the new Rose Garden Parkade ...**Student Recreation Centre,** behind SUB on McInnes Field.

CONSTRUCTION ZONE BEGINS

ONGOING CONSTRUCTION ...**Advanced Materials Processing Engineering Labs (AMPEL),** located adjacent to the Pulp and Paper Centre on East Mall, completion mid '95 ...**The Morris and Helen Belkin Art Gallery,** along Main Mall in front of the Frederic Wood Theatre, completion late '94 ...**Faculty of Education's Scarfe Expansion & Renovation,** Teacher Education Office and a new Education Library, at the corner of Main Mall and University Blvd. Ongoing construction and renovation of Scarfe will continue until mid '95 ... **The Thunderbird Student Housing** complex, nearing completion along Thunderbird Blvd.

COMPLETE ...**The Rose Garden Parkade,** the Rose Garden restoration and plaza will continue until November ...**Green College,** graduate student residence adjacent to Cecil Green House.

WATCH for construction to begin on the **Walter C. Koerner Library Centre** and the environmentally friendly **C.K. Choi Building for the Institute for Asian Research,** later this year.

PEDESTRIAN X STOP FOR PEDESTRIANS

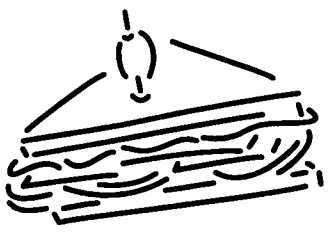
LIGHTING/SIGNAGE...along Agricultural Walk from SUB to Place Vanier and part of West Mall is now complete. This project will serve as a standard and guideline for future lighting and signage projects across campus.

IMPROVING CAMPUS ROADS FOR PEDESTRIANS AND VEHICLES... East and West Malls open to two-way, low speed traffic, Main Mall designated a pedestrian area, only emergency vehicles permitted. All service access to buildings via East and West Malls.

For more detailed information drop by Campus Planning & Development, 2210 West Mall, call 822-8228, E-mail: laird@unixg.ubc.ca or "View UBC".

MEET WITH US OVER LUNCH

The Alma Mater Society operates the Student Union Building, a multi-purpose facility on the UBC campus. We offer an unique and productive meeting environment with:



- Bright, spacious meeting rooms which seat from 10 to 500.
- Excellent catering facilities that will meet your food & beverage requirements in style.

We'll take care of all the details, leaving you free to devote your valuable time and energy to the business at hand.

The Alma Mater Society
Conference Facilities
822-3456 or 822-3465

ALMA MATER SOCIETY OF THE UNIVERSITY OF BRITISH COLUMBIA

Classified

The classified advertising rate is $15 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 Community Relations Office, 207-6328 Memorial Road, Vancouver, B.C., V6T 1Z2, accompanied by payment in cash, cheque (made out to UBC Reports) or internal requisition. Advertising enquiries: 822-3131.

The deadline for the Oct. 6, 1994 issue of UBC Reports is noon, Sept. 27.

Services

SINGLES NETWORK Single science professionals and others interested in science or natural history are meeting through a nationwide network. Contact us for info: Science Connection, P.O. Box 389, Port Dover, Ontario, N0A 1N0; e-mail 71554.2160@compuserve.com; 1-800-667-5179.

EDITORIAL SERVICES Substantive editing, copy editing, rewriting, dissertations, reports, books. I would be delighted to look at your manuscript, show you how I could improve it, and tell you what I would charge. Please call me for more information. Timothy King, 263-6058.

ACCENT REDUCTION, formal speaking skills and all areas of pronunciation for advanced levels. TSE preparation and practice starting Sept. 1994. Private, professional, intensive instruction. Downtown location. 689-5918.

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FINANCIAL PLANNING, Retirement Income, Life Insurance. Local, independent, personalized service with comprehensive knowledge at no cost or obligation. Integrating your financial needs to your own personal, professional association, group and government benefit plans. Please call Edwin Jackson BSc, BArch, CIF, 224-3540.

DAYCARE OPENINGS Full time, Ages: 2.5 to 5 years, University Kindercare Daycare. Pleasant, spacious surroundings, small group.Snacks and tender loving care provided by ECE qualified staff. One block from UBC gates. 4595 W. 8th Ave. Call 228-5885.

Accommodation

POINT GREY GUEST HOUSE A perfect spot to reserve accommodation for guest lecturers or other university members who visit throughout the year. Close to UBC and other Vancouver attractions, a tasteful representation of our city and of UBC. 4103 W.10th Ave. Vancouver, B.C. V6R 2H2. Call (604) 228-8635.

Housing Wanted

HOUSESITTER Lawyer (non-smoker) seeks housesitting position for a minimum of a 4-month time frame. Will care for your pets and plants. Excellent references. Call 732-6389.

THE UNIVERSITY OF BRITISH COLUMBIA

PUBLIC MEETINGS
ON THE AWA/SPAXMAN REPORT

PRINCIPLES AND PROCESS - PLANNING FOR THE UNIVERSITY OF BRITISH COLUMBIA

TUESDAY, SEPTEMBER 27, 1994

- ON CAMPUS MEETING -

3:30-5:00pm Room 100, SCARFE BUILDING
Faculty of Education - Main Mall at University Blvd.

- OFF CAMPUS MEETING -

8:00-10:00pm COMMUNITY FACILITY
4747 Dunbar Street (at 31st Avenue)

For further information please call 822-3131

Medicine appoints associate deans

by Connie Filletti

Staff writer

The Faculty of Medicine has announced the appointment of Dr. Andrew Chalmers, an associate professor of Medicine, as associate dean, Undergraduate Education-Curriculum and Dr. Andrew Seal, an associate professor of Surgery, as associate dean, Undergraduate Education. The three-year terms took effect August 1.

Chalmers

Chalmers received his undergraduate education at the University of Capetown, South Africa, and his MD from the University of British Columbia. He obtained a Royal College Fellowship in Internal Medicine from UBC and the Mayo Clinic and a fellowship in Rheumatology from UBC and the University of Toronto.

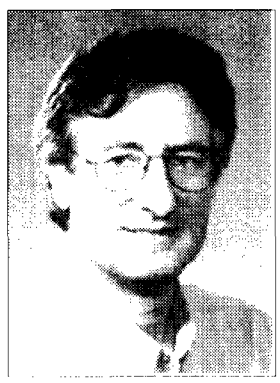
A former board member of the Arthritis Society of B.C. and Yukon, he has also participated in numerous national rheumatology committees, including task forces on patient, public and allied health professional education.

From 1981 to 1991, Chalmers served as head of UBC's Division of Rheumatology, based at the Vancouver Hospital and Health Sciences Centre.

His involvement in undergraduate medical education includes chairing UBC's curriculum planning committee during the university's last major curriculum reform and the Dept. of Medicine's undergraduate education committee.

Seal, a graduate of Guy's Hospital Medical School, University of London, entered the general surgery residency training program at UBC in 1975 and became a fellow of the Royal College of Physicians and Surgeons of Canada in 1979.

He returned to the University of London where he obtained a Master of Surgery degree before re-joining UBC in 1981 as an assistant professor in the Dept. of Surgery. He has served as head of the Division of General Surgery since 1988.



Seal

Seal, whose research interests include inflammatory bowel disease, began his involvement with undergraduate education while at Guy's Hospital Medical School. Since 1992, he has been instrumental in organizing the surgical club for first-year medical students at UBC.

Dental congress offers chance to share ideas

by Connie Filletti

Staff writer

The international dental community will converge in Vancouver to share information on the most current issues affecting the oral health profession during the 82nd World Dental Congress Oct. 1 - 8 at the Vancouver Trade and Convention Centre.

"This congress is so important, not only to dental practitioners and for patient care, but also to the education of UBC dental students," said Dr. Marcia Boyd, a professor of Clinical Dental Sciences and a member of the organizing committee.

An estimated 20,000 oral health professionals and educators are expected to attend the conference which will focus on the role of each member of the dental team as crucial to ensuring and maintaining quality oral health care worldwide.

The most comprehensive scientific program ever assembled for the congress will include updates in fluoride and anti-plaque therapies, the early diagnosis and treatment of pre-cancerous oral lesions, dental laser technology, esthetic advances, implants, the challenges of geriatric dentistry and infant dental care.

"This year students will have the unique opportunity to attend the congress and be exposed to the international practice and research community," Boyd said.

Deans and faculty members from dental schools from around the world will also meet during the event to discuss issues of mutual interest and concern, share ideas, innovations and concepts and to develop position papers on educational issues.

Boyd will address this group on the topic of curricular changes and the future of dental education in North America.

UBC buildings recognized for excellence in use of wood

Three buildings on campus have been recognized in a national awards program that honours excellence in building design using wood.

The three buildings were among 13 in Canada chosen by a jury of architects from a total of 130 submissions. Awards were presented by the Canadian Wood Council in three categories: residential, commercial and renovated.

The Hulbert Group Architects received a merit award in the commercial category for the Forintek Canada building, the Vancouver laboratory of Canada's forest product research institute.

The lab, one of the largest modern wood-frame buildings in Canada, uses virtually every available wood product.

Also in the commercial category, Larry McFarland Architects received a merit award for the First Nations Longhouse, UBC's native student centre.

Based on Coast Salish native architecture, the building incorporates huge western red cedar logs arranged in frames that support a distinctive curving roof.

Birmingham and Wood Architects and Planners, in association with Paul Merrick Architects, received recognition for their renovation of Graham House at Green College. The focus of the renovation was the dining hall which was expanded by removing attic and second floor framing, leaving the original rafters exposed.

People

by staff writers

Asst. Prof. **John Wright** has been appointed head of the Dept. of Theatre and Film.

Wright replaces Errol Durbach, who has held the position for seven years. Durbach will teaching after a year sabbatical.

Wright, who has been at UBC since 1988, teaches Introduction to Film and Television and Advanced Problems in Film Production - Directing and Acting. His career has encompassed theatre, film and television as a writer, producer, director and actor.

His feature film, The Visitor, was awarded the Silver Sirene in Naples in 1974 and he has received many awards for his television dramas and documentaries.

Wright is a former senior member of the Directors' Guild of Canada.

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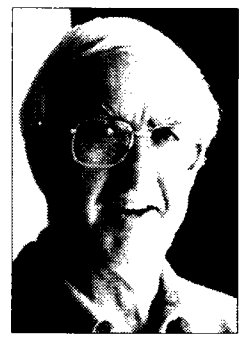
Michael Ames, professor of Anthropology and director of the Museum of Anthropology (MOA), has been awarded this year's Weaver-Tremblay Award for exceptional contributions to Canadian applied anthropology.



Ames

Ames has been the MOA's director since 1974 and is credited with guiding its development into one of the world's most important research and educational museums.

The award is named in honour of two Canadian applied anthropologists, the late Sally Weaver and Marc-Adelard Tremblay, and was instituted in 1992-93 by the Society for Applied Anthropology in Canada.

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Three UBC faculty members have been appointed to the newly created Medical and Health Care Services Appeal Board.

The 10-member board will hear appeals of and rule on decisions made by the province's Medical Services Commission concerning the operation of the Medical Services Plan (MSP). The public may also appeal to the board concerning orders that cancel their enrolment in MSP or that restrict or limit the MSP-eligible medical services they can receive.

The UBC members of the appeal board, appointed by the Lieutenant-Governor in Council, are: **Janice Dillon**, an associate clinical professor of Medicine and a lawyer specializing in health and administrative law; **Dr. Kenneth Leighton**, a professor emeritus of Anesthesia; and **Dr. Galt Wilson**, a clinical instructor of Family Practice.

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Prof. **Olav Slaymaker**, associate vice-president, Research, has been appointed to the board of governors of the International Development Research Centre (IDRC) for a four-year term.

Slaymaker

A Crown corporation created in 1970, the IDRC helps developing countries find their own solutions to development problems through research. The IDRC gives support directly to Third World institutions whose primary research focus is on meeting the basic needs of people in overcoming the problems of poverty.

At the 1992 Earth Summit in Rio de Janeiro, the IDRC's mandate was broadened to emphasize sustainable development issues.

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Science Dean Emeritus **George Volkoff** and Pediatrics Prof. Dr. **Wah Jun Tze** have been appointed officers of the Order of Canada.

The appointments were announced recently in Ottawa by Gov. Gen. Ray Hnatyshyn. Volkoff and Tze's investiture will take place at Rideau Hall on Oct. 19.

Volkoff was a Governor General's gold medal winner when he graduated with a bachelor's degree from UBC in 1934. His PhD thesis at Berkeley was directed by physicist Robert Oppenheimer.

A pioneer in the development of Canada's atomic power industry, Volkoff joined UBC in 1940 and headed the Dept. of Physics from 1961 to 1971. He became dean of the Faculty of Science in 1972 and held that position for seven years until his retirement in 1979.

He also served as chair of the board of trustees of Vancouver General Hospital and as president of the UBC Faculty Association.

Tze specializes in pediatric endocrinology, specifically in the area of diabetes. Besides conducting ongoing research, he is chair of the Child Health 2000 World Congress and Exposition to be held in Vancouver next year.

Tze organized a similar conference in 1992 to address the problem of infant mortality. About 40,000 children around the world die every day, often of preventative causes.

He is also the founder of the Canada-China Child Health Foundation that has arranged a dozen partnerships between Canadian and Chinese children's hospitals.

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Biochemist **George Mackie** has been appointed professor and head of the Dept. of Biochemistry and Molecular Biology in the Faculty of Medicine for a five-year term effective July 1.

Mackie

Mackie, a native of Winnipeg, studied at the University of Toronto and Cornell University before pursuing post-doctoral research as a fellow of the Medical Research Council of Canada at the University of Geneva in Switzerland.

His research interests include RNS-protein interactions. He has been a professor in the Dept. of Biochemistry at the University of Western Ontario since 1974.

Profile

No time to waste

by Connie Filletti

Staff writer

Recently, someone asked Dr. Peggy Ross's husband Jock why she accepted the newly created appointment of associate dean, Equity in the Faculty of Medicine.

"Peggy had a day off, that's why she took the job," was his reply.

Anyone who knows Ross wouldn't find her husband's response flippant considering that she herself says that "a 30-hour-day, eight-day-week would be wonderful."

Ross, a clinical associate professor of Anesthesia and a full-time obstetrical anesthetist, has been in her new role since December.

Responsible for issues related to gender, human rights, minorities and the disabled which may be of concern to faculty, students and residents in the Faculty of Medicine, she sees her role as a sounding board for the people she serves.

"I don't have all the answers, but being here brings the problems to the surface instead of having them being ignored."

As well as her medical and academic training, Ross's experiences as a mother who raised four children, have prepared her well for the role.

She remembers vividly an incident more than 20 ago involving her daughter Alison, who was then a student in Grade 2.

"Alison had made a poster for a class project saying that she wanted to be a doctor," Ross recalls. "Her teacher told her no, she couldn't be a doctor because girls become nurses. Alison told the teacher that her mom was a doctor. The teacher insisted that I was a nurse."

It was a proud moment for Ross when Alison graduated from UBC's Faculty of Medicine last May, 35 years after Ross received her medical degree from the university.

After some prodding, Ross reluctantly admits that she spends more than the allotted one day a week working at equity issues.

Much of the extra time is spent travelling from her offices at UBC and the B.C. Women's Hospital and Health Centre to coffee shops around the city on her days off the job.

It is the venue most often requested for meetings by students — who top the list for her services — concerned about anonymity, she explains.

How does she cope with the extra demands on her schedule?

"I'm efficient and constructive with the time I have," Ross said. "I'm a doer. I also believe that dedication and energy make things happen."

Ross has plenty of both, traits she learned from her mother who was widowed when Ross was five.

Despite the hardships, her mother always encouraged Ross and her sister to be what they wanted to be, emphasizing that they had choices, and the important role education plays in achieving goals.

When the time came, she mortgaged their home to ensure that Ross and her sister could go to university.

Having a daughter enrolled in the faculty made Ross aware that female medical students still encounter some of the same obstacles that existed three decades earlier.

"We need to train physicians to recognize society's problems and how they precipitate into physical illness, and then train them how to deal with the problems in an unstereotypical way."

Associate Dean Peggy Ross

The most enduring barrier appears to be women feeling pressured to choose certain medical specialties because they perceive bias against them in others, Ross said.

Currently, women comprise approximately 50 per cent of the enrolment in UBC's medical school. Ross feels that number has helped to change behaviour in the Faculty of Medicine and she is hopeful that attitudes will change as well. But she stresses that change for the sake of change is not her goal.

"I am here to help promote an environment that is conducive to learning and working, to sensitize men and women to each other's differences."

Ross hopes to achieve that task by being a guiding influence as the Faculty of Medicine embarks on a revision of its curriculum to involve gender and minority issues.

"The old curriculum centred on the 70-kilogram male. I want the new one to focus on people."

Ross has already introduced gender issues workshops dealing with harassment in years one and four of the medical school's current curriculum.

She is in the process of incorporating issues of violence and research in women's health into the new curriculum being planned by the faculty.

"Medical schools have to be accountable to society," Ross said. "We need to train physicians to recognize society's problems and how they precipitate into physical illness, and then train them how to deal with the problems in an unstereotypical way."

Ross also believes that the students themselves play an important part in curriculum reform.

"I thoroughly enjoy teaching. It puts you in contact with students and residents, which completes the circle. If you want to initiate courses, you have to see where the students are coming from and what their needs are."

She credits Dr. Martin Hollenberg, dean of the Faculty of Medicine, for showing leadership in creating the office of associate dean, Equity, the only position of its scope at a Canadian university.

In addition, Ross commends Rick Hansen, advisor to the president on disability and accessibility issues, for the great strides he has made in raising awareness of these issues on campus.

Since her appointment, Ross has worked closely with advisor Margaretha Hoek in UBC's Sexual Harassment Policy Office and Sharon Kahn, the university's associate vice-president, Equity, to achieve results on a limited budget.

"Sharing information is a vital component of the job," Ross said. "You can't be isolated or afford to reinvent the wheel."

Ross has dealt with about 25 complaints since last December, from both individuals and groups. Many of them were resolved through informal discussion after the parties involved were made aware that behaviour changes were needed.

Her first complainant was male, a point Ross makes to emphasize that her role is to ensure equity for both men and women.

With a new school year starting, Ross was getting excited about addressing first-year medical students about her new role in the faculty.

"I think it is important for them to know that they have a place to come for direction."

It may even be a place that serves a good cup of coffee.