

# UBC REPORTS

Volume 39, Number 7

April 8, 1993

## 1993-94 budget

# No hike for UBC operating budget

by Gavin Wilson

Staff writer

UBC's funding pinch has been confirmed by B.C. Finance Minister Glen Clark's March 30 provincial budget.

Although overall funding for post-secondary education is up by three per cent, UBC must cope with no increase in its operating budget this year.

UBC's base operating grant for 1993/94 will be \$266.4 million. In total, \$518.6 million in funding will be made available to B.C.'s universities in the coming fiscal year.

Once inflationary costs are factored into the coming year's expenses, the effect will be to create a significant reduction in funding levels, according to university administrators.

"It is difficult to function at the levels we are expected to when our operating budget is held at zero per cent," said UBC President David Strangway.

"This is especially true when all of our costs are going up, particularly ones that we have no control over, including utility increases and legislated benefits increases such as pensions for part-time employees," he said.

Campus departments have already been belt-tightening in anticipation of the provincial budget. A campus-wide hiring freeze was put into effect in February.

"We have implemented effective cost-containment strategies, but now we are concerned about the effect of budget cuts on the quality of education," Strangway said.

There is some good news for UBC in the budget, however. Strangway said he was pleased that the government has upheld its commitment to continue the matching funds program for university fund-raising campaigns.

This will allow UBC to continue its program of matching private donations to the World of Opportunity campaign with equivalent funding from government.

Strangway said he was also pleased that the province had provided funding for the pay equity provisions made in union settlements with UBC last year.

The university will receive an ongoing base grant increase of \$1 million in 1992/93 and \$700,000 in 1993/94 to meet its pay equity commitments.

UBC will also receive a special grant to cover expenses associated with the delivery of degrees in partnership with university-colleges. This is a reduction in the level of previous years, but ministry officials have agreed to review the level of funding needed to maintain UBC's contribution to the partnerships.

"It will make it difficult to maintain our level of partnership unless the grant is restored," Strangway added.

The provincial government also

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## Thumbs Up!

Canapress Photo Service - Todd Karol photo

**U.S. President Bill Clinton gives the thumbs up during a run in Stanley Park April 4. Clinton and Russian President Boris Yeltsin met at Norman MacKenzie House, residence of UBC President David Strangway and his wife Alice, for talks during the two-day summit. Clinton's UBC sweatshirt was a gift from the university.**

# Summit puts campus on world stage

It's the casual apparel of UBC students and world leaders: the UBC sweatshirt.

U.S. President Bill Clinton jogged Stanley Park's sea wall April 4 sporting the white sweatshirt, a gift from the university during the Vancouver Summit.

Clinton and Russian President Boris Yeltsin met April 3 at Norman MacKenzie House, the official residence of UBC President David Strangway and his wife, Alice, a site chosen partly for its dramatic setting.

Clinton wasn't the only one modelling UBC attire. Privately, Yeltsin slipped into a UBC Engineering jacket and posed for photographs for a few of the organizers inside the meeting.

In preparation for the summit, advance teams from the White House, the U. S. Secret Service, the Russian Protective Service and the Prime Minister's Office, combed the campus.

They scrutinized Norman MacKenzie House inside and out, protocol officers sizing up the meeting rooms and security personnel scouring the grounds.

For good measure, a last-minute paint job and a spring cleaning — courtesy of the Canadian government — readied the house for the historic meeting.

While on campus, the leaders dined on a meal prepared by UBC Food Services which included B.C. spring salmon and B.C. wines.

They were surrounded by Canadian art and sculptures provided by the Fine

Arts Gallery and the Museum of Anthropology, and flowers from the Botanical Garden. The pair also strolled the grounds as they made their way to the Museum of Anthropology for a brief visit.

Clinton, Yeltsin and their host, Canadian Prime Minister Brian Mulroney each received UBC mementos — sweatshirts, caps, crested pens, and the book *Vancouver and Its Region* by Associate Dean of Arts Graeme Wynn and Geography Dept. Head Timothy Oke.

A reminder of their visit will remain in Strangway's office.

His two brown, leather wingback chairs, used for Clinton and Yeltsin, will have tiny plaques attached to them noting their previous occupants.

# UBC to streamline operations

by Gavin Wilson

Staff writer

UBC is launching a repositioning strategy to help it respond to increasing demands for services while at the same time receiving reduced levels of provincial government funding.

"Repositioning is an initiative to redesign the ways in which we provide programs and services. It requires a review of those programs and services to determine which are crucial to the university mission and to make those work as well as they possibly can," said UBC President David Strangway.

"This strategy is more than a simple budget-cutting exercise. We are being asked to do more with less," he said.

In the next few months, the university will be reviewing the potential effects of its plans with the university community and ensuring that actions to be taken will result in layoffs as infrequently as

possible, Strangway said.

Attrition, early retirement incentives, flexible work options and other means will be considered before layoffs occur.

"This effort will be inclusive and will

include consultation with all key university stakeholders," Strangway said.

Officials of the Dept. of Human Resources have met or are meeting with

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## Letters

### Study no basis for new policy

Editor:

I enjoyed your article titled 'Girls Needlessly Avoid "Tough" Science Courses,' UBC Reports, March 11, 1993.

It is a well-known and well-documented fact that while girls academically outperform boys in secondary school math and science programs they generally steer away from math, physics and applied physics at a post-secondary school level, preferring more traditional biology, chemistry or pre-med programs. The major problem appears to be the real and perceived career paths chosen by the girls as they leave high school.

The report that is the basis of the article, "The 1990 BC Mathematics Assessment: Gender Issues in Student Choice in Mathematics" seems to reach a conclusion that a gender-biased approach would "solve" this problem. I noticed that 12 girls and six boys from a school population of approximately 10,000 were interviewed as the basis of the conclusions.

Eighteen samples from an event space of 10,000 does not constitute a statistically significant basis for a conclusion and ought not be used for the basis of a new policy direction, particularly one that will rely on a gender-biased approach. I find this weakness in the mathematics of the study ironic because the study is about mathematics.

A review of the extensive studies of this issue, studies that span 20 years and both Canada and the United States, will show you that this issue requires a more refined approach than a gender-biased policy.

**Patrick Bruskiwich**  
(B.Sc. UBC 1984)

### Litter ruining lovely campus

Editor:

When I first came to this university more than a third of a century ago, the campus was a place of beauty in which we all could and did take pride. I do not mean architecturally — my first office/laboratory was in a wartime "hut" which I think still exists although not on the site where I knew it — but the landscape was tidy and respected. Alas, it no longer is.

I do not complain only of the ever deepening mat of cigarette butts outside the entrances to most buildings, although surely some receptacles could be provided at least at the more frequented locations. No, what is truly offensive is the almost unbelievable quantity of litter with which our campus is inundated — pop tins, styrofoam containers, bottles,

plastic bags, candy wrappers, etc., etc. — for there is not a shrub, planter, grassy area or flower bed anywhere which is not festooned with such detritus.

How can this be, in this supposed age of environmental awareness, how can this situation occur? Perhaps there are too few rubbish bins provided (although they certainly exist), but can it be that we the members of the university, students, staff and faculty, are too weak, too lazy or, what I greatly fear may be the case, too disinterested properly to dispose of our garbage and not simply throw it over our shoulders? Let us, I beg you, begin to act as responsible adults and restore this campus to what it once was and which should be again, a place in which everyone can take pride. Tuum est, after all!

**Hugh McLennan**  
Emeritus Professor of  
Physiology

### Faculty members up for B.C. book prizes

UBC's Dept. of Creative Writing has a chance for a hat trick at the 1993 B.C. Book Prizes. Three faculty members have been shortlisted for awards in their respective genres.

Linda Svendsen's acclaimed collection of short stories, *Marine Life*, is nominated for the Ethel Wilson Award for fiction. Svendsen's story "White Shoulders," which appeared in *Saturday Night*, has also been shortlisted for a National Magazine Award.

Lynne Bowen, a Maclean Hunter sessional lecturer, has been nominated for the Hubert Evans Award in non-fiction for her book, *Muddling Through*.

Sue Ann Alderson, will vie for the prize in Children's Literature. Shirley Stirling, one of Alderson's students, has been nominated in the same category for her work, *My Name Is Seepetsa*.

## Budget

Continued from Page 1

announced it would fund an additional 200 undergraduate places at UBC.

"Along with the recent changes in the university's enrolment quota, this will bring our weighted full-time equivalent undergraduate enrolment more closely into line with the formal agreement on capacity we have with the government," Strangway said.

B.C.'s universities will also receive an increase to be worked out to bolster maintenance programs for buildings as well

## Strategy

Continued from Page 1

representatives of unions on campus, the Association of Administrative and Professional Staff, and a working group of key administrators from all areas of campus.

Strangway will establish a Repositioning Steering Committee of senior university administrators later this month to oversee the repositioning process. Other committees will operate at the departmental level.

Effective immediately, the university has announced it will go beyond the terms of its union agreements in giving a minimum of 60 days advance notice to both unions and employees of any impending layoffs arising from the first phase of repositioning. The first phase is expected to be completed by August 31, 1993.

The additional notice will allow the university and employees more time to attempt to locate alternative employment at UBC or with other employers.

This change is in keeping with the spirit of impending provincial labour legislation which requires that employers give unions at least 60-days notice of any change that affects the security of employment of a significant number of employees.

UBC's current agreements with Canadian Union of Public Employees, locals 116 and 2950, require one month's notice of layoffs for continuing employees.

"In repositioning, the university is attempting to manage necessary change using creativity to minimize the loss of our people," Strangway said.

Full details of the repositioning strategy will appear in a future edition of UBC Reports.

as a commitment to provide funds for the operating costs of new space.

Capital construction funds have been released for the Advanced Materials and Process Engineering Laboratory, the first phase of the Scarfe Building renovation, and the Jack Bell research building at the Vancouver General Hospital site. Funds to permit the university to proceed to working drawings on the Pacific Forestry Science Centre will soon be released.

Meanwhile, a delegation of campus union members made a presentation to the university's Board of Governors to express concerns about the potential for

layoffs at the university.

The delegation was drawn from the ranks of Canadian Union of Public Employees members protesting outside the Old Administration Building, where board members were meeting.

Representatives from UBC's four union locals have been invited to take part in a joint labour-management consultation committee to discuss ways to implement down-sizing with minimum impact on UBC employees.

University officials have said that every effort will be made to manage any staff reductions by attrition.

## Friends of Chamber Music presents the Guildhall String Ensemble

with Richard Stolzman, clarinet

performing: **Jean Coulthard**, Symphonic Images "Of The North"; **Mozart**, Adagio & Fugue, C minor; **Mendelssohn**, String Symphony #10; **Grieg**, Holberg Suite & **Finzi**, Clarinet Concerto.

Tuesday, April 20, 1993, 8:00 PM.  
at the Vancouver Playhouse.

Tickets: \$22 (students \$11)  
from the Vancouver Ticket Centre (280-4444) or at the door.

Programme subject to change.

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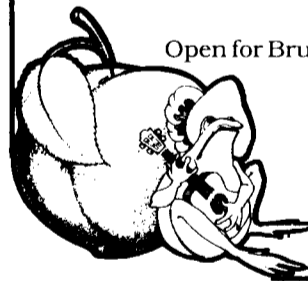
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## UBC REPORTS

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# Science One program links disciplines

by Gavin Wilson

Staff writer

A new and innovative program that attempts to break down some of the barriers between scientific disciplines will be offered to first-year Science students next fall.

The Science One program is believed to be the first of its kind at a Canadian university.

"We've often felt that science is too compartmentalized," said John Sams, associate dean of Science. "As they do in Arts One, we will take a theme and show how different disciplines can be used to examine it."

Arts One is a first-year program in the Arts Faculty which offers an overview of world cultures and philosophy by organizing study around a particular theme.

Sams offered the study of waves as an example of a theme that may be tackled in Science One. A discussion could start with trigonometry then move on to physics, sound, oceanography, earthquakes and the biology of circadian rhythms.

Under the program, a select group of 48 students will be team-taught by six faculty members drawn from the four cornerstone disciplines of science: biology, chemistry, physics and mathematics. Guest lecturers will speak on social, ethical and historical issues related to science.

"If this is a success, we feel it could become a model for other Canadian universities," Sams said.

The program will be headed by Julyet Benbasat, a faculty member in the Dept. of Microbiology.

Benbasat has taught at UBC for 15 years and brings a diverse background to

the position, including an undergraduate degree in chemical engineering, a doctorate in biochemistry and broad teaching experience. She has received a Faculty of Science Excellence in Teaching award.

Science One courses will be "highly interactive," she said, with faculty attending lectures to promote discussion and add insights.

"Everyone, including the faculty, will be part of a community of learners," she said. "We want students to learn from each other, to start brainstorming and building on each other's ideas. That's something you can't easily do in a larger class."

Benbasat said another strength of Science One is the opportunity to improve the analytical skills of students. Too often, students have all the background information they need but cannot make connections between the facts or see their relevance in a greater context.

She also hopes the program will get students excited about science, instilling in them the same enthusiasm she feels for teaching.

"I know it sounds like a cliché, but I never thought I would enjoy teaching until I started doing it," she said. "All you need to get hooked on teaching is to see that flash of understanding in your students' eyes."

The Science One program will allow students enough electives to let them satisfy prerequisites for all the faculty's programs.

"The program is designed to give them a seamless integration into second year, and that's very important," Benbasat said.

Sams said funding for the program will not come out of existing department budgets. Seed money, much of it already in place, is being sought from external sources.



Gavin Wilson photo

Julyet Benbasat, newly appointed chair of the Science One program, is a faculty member in the Dept. of Microbiology. Shown here, at left, she discusses an experiment with Microbiology graduate student Leanna Lum.

## New MS drug endorsed

by Connie Filletti

Staff writer

A team of UBC scientists has found that treating multiple sclerosis (MS) patients with beta interferon reduces the activity of the disease.

"The results demonstrate very clearly that beta interferon is the only treatment that has substantially altered the natural history of MS in a properly controlled clinical trial," said Dr. Donald Paty, head of the Division of Neurology and principal investigator of the team.

MS is a chronic disease of the central nervous system which usually strikes between the ages of 20 and 40 and affects about one in every 1,000 Canadians.

Its symptoms may include weakness and fatigue, speech problems, numbness and loss of co-ordination.

The UBC team, in conjunction with researchers working at 11 centres across North America, studied 372 MS patients over a three-year period. One-third were given a placebo, while two-thirds were treated with beta interferon. Of the patients who were treated, half were given substantially higher doses of the drug than the others.

The study showed that the activity of the disease was significantly lower in the beta interferon treatment groups.

"More patients in the high dosage group were free of attacks compared to both the low dose and placebo groups," Paty said.

He indicated that a two-fold reduction in the frequency of moderate and severe attacks in the high dosage group also suggests a dosage effect.

In a parallel study using magnetic resonance imaging (MRI) evaluation of the control group, the UBC team discovered that MRI brain scans revealed "remarkably" fewer lesions in patients taking beta interferon than patients using the placebo, Paty said.

"UBC's unique contribution to the study was the MRI methodology and analysis which is unduplicated anywhere else in the world," he added.

Paty recently presented his findings to an advisory committee of the U.S. Food and Drug Administration which accepted his evidence and endorsed beta interferon as a treatment for MS.

Reports of the studies appear in the April issue of Neurology, the official journal of the American Academy of Neurology.

## Offbeat

by staff writers

Sexism on campus. It's a topic of fierce debate everywhere from classrooms to the President's Office.

Now, it's the subject of a mystery novel.

A mystery novel?

That's right. Vancouver author Nora Kelly's most recent book, *My Sister's Keeper*, follows History Dept. Head Gillian Adams as she takes on sexist profs and boorish students who have a less than enlightened view of feminism.

It's set on a campus called the University of the Pacific Northwest, which is a thinly disguised version of UBC, and is garnering very favourable reviews right across the country.

As far as she knows, this is the first mystery novel set at UBC. But why did Kelly change the name from UBC to University of the Pacific Northwest?

"Well, there were a couple of reasons," she said. "It's a work of fiction, so I wanted the freedom to invent and not be tied to factual specifics. I had fun making up my own campus, inventing it the way I wanted it to be."

Kelly also did not want the events portrayed in the book to be specifically tied to UBC. A lot of unpleasant things happen on the fictional campus, including murder.

Although some of the book was inspired by events at UBC, such as the battle over

the Lady Godiva ride, Kelly didn't think it fair that the university be singled out. Recent events at Queen's University and other campuses are also stitched into the narrative.

Kelly comes by her knowledge of UBC honestly. She did an honours undergraduate degree here in 1972 and later taught humanities — in an engineering program.

"It may be changing now, but engineering was singularly recalcitrant to changing its attitudes towards women on campus," she said.

"A lot of progress has been made. Universities are taking the issue seriously. I'm optimistic about the future, but we still have to make it clear that things have not gone far enough yet."

Kelly's next book, to be published in Britain this July, will be the third to feature Gillian Adams. This time, she is back at Cambridge University, site of the first Adams novel.

While it examines the place of women in an academic setting, it won't be dealing with sexual harassment. Kelly said the issue this time is "what it's like being a smart woman in the hard sciences."

The title: *Bad Chemistry*.



Kelly

## Parking, other fees to rise

by Gavin Wilson

Staff writer

The cost of parking, child care and campus accommodations are all on the rise following fee increases approved by the university's Board of Governors.

The 30,000-plus drivers who come to campus each day will pay more to park as of Sept. 1. Faculty and staff parking will increase to \$27.82 per month from \$21.40, reserved spaces will go to \$69.55 per month from \$53.50, and meters and parkades will rise to \$1.75 per hour from \$1.40.

Also Sept. 1, carpool parking will increase to \$52.15 per month from \$40.12, parking in B lot will rise to 30 cents per hour from 25 cents, resident students will pay \$41.73 for campus parkades, up from \$32.10, and motorcycle parking will be \$58.42 per year, up from \$44.94.

The increased fees will help finance construction of new parkades, including the Marine Drive parkade, which will require borrowing of \$16 million.

Fees for a range of child care services will increase by \$50 per month, effective June 1. Monthly fees will range from

\$225 for after-school care to \$900 for day-long care of the infant children of non-students.

The higher prices reflect the costs of increased salaries and benefits in an anticipated contract agreement with the child care employees' union.

Child Care Services will conduct an audit to see if efficiencies can be made to keep fee increases lower.

Rents for university apartments for faculty and staff will also be rising, by about five per cent. Rents will now range from \$638 for a one-bedroom to \$1,074 for a three-bedroom apartment. The price includes heat, hot water, cable and parking.

Rent increases ranging from .6 per cent to 3.3 per cent were also approved for campus student residences.

A delegation of tenants asked that student family rents be frozen this year, saying that the Dept. of Housing and Conferences is generating large surpluses.

University officials said that campus housing must create its own reserve funds to cover the cost of repairs, maintenance and new construction.

# Calendar

## April 11 through April 24

### Seminars

**Tuesday, April 6**

**Botany Seminar**

From The Plant To The Globe: Carbon Flow To Phenylpropanoid Metabolism. Anne Walton, MSc candidate, Botany. BioSciences 2449 from 12:30-1:30pm. Call 822-2133.

**Tuesday, April 13**

**Quality Improvement Satellite Seminar**

Practical Tools For Continuous Improvement. Robert Reid, Diane Sule, Jack Manning of Robert Reid Associates. University Services TeleCentre from 8am-12pm. Advance registration fee. Call 822-5036.

**Pharmacology/Therapeutics**

Novel Ways Of Modulating Ca-Channel Function In Central Neurons. Dr. John Church, Anatomy. University Hospital G279 from 12-1pm. Call 822-6980.

**Botany Seminar**

The International Tundra Experiment. Dr. Greg Henry, Geography. BioSciences 2000 from 12:30-1:30pm. Call 822-2133.

**Wednesday, April 14**

**Anatomy Seminar**

The Endothelial Actin Cytoskeleton In Vitro And In Vivo. Gavin Thurston, PhD, assistant professor, Ophthalmology. Friedman 37 from 12:30-1:30pm. Call 822-9071.

**Pharmaceutical Sciences**

No Thrombolysis, No Heparin: The Role Of Heparin Therapy Post MI. Ms. Cathy MacDougall, grad student, Clinical Pharmacy, Pharmaceutical Sciences. Family/Nutritional Sciences 320 from 4:30-5:30pm. Call 822-4645.

**Thursday, April 15**

**Media Services Satellite**

Electronic Still Photography '93. Part 1 of 4: Electronic Cameras - The New Tools Of Capture. University Services TeleCentre from 10am-12pm. Registration fee. Call 822-5036.

**Botany Seminar**

Tales From The Dark Side: Regulation Of Photosynthetic Light Harvesting By Increased Respiratory Carbon Flow In The Green Alga *Selenastrum Minutum*. Jody Holmes, PhD candidate, Botany. BioSciences 2449 from 12:30-1:30pm. Call 822-2133.

**Faculty Wide Seminar**

Total Quality Management In A University Setting. Susan Herman, visiting professor, Kene Campus, U. of New Hampshire. Angus 323 from 12:30-2pm. Call 822-8427.

**Hort Club Seminar**

Native BC Orchids: Discover The Exotic World Of Indigenous Orchids. James Biro, Vancouver Orchid Society. MacMillan 318D from 1:30-2:20pm. Call 822-3283.

**Biotechnology Lab Seminar**

Genetic And Environmental Mechanisms That Determine The Fate Of Mutant Alpha 1-

Antitrypsin Molecule. Dr. David H. Perlmutter, professor, Paediatrics, Medicine, U. of Washington, St. Louis. IRC #5 at 3:30pm. Refreshments. Call Dr. Finlay at 822-2210.

**Biochemistry/Molecular Biology Seminar**

Ribosome Structure-RNA-Protein Interactions And The Mechanism Of Translocation. Dr. Ira Wool, Biochemistry, U. of Chicago. IRC #4 at 3:45pm. Refreshments at 3:30pm. Call 822-5925.

**Health Services/Policy Research Seminar**

Creative Misinformation VS Evidence On Breast Screening: Which Will Determine Health Policy. Dr. Cornelia Baines, deputy director, National Breast Screening Study, Preventive Medicine/Biostatistics, U. of Toronto. Mather 253 at 4pm. Call Karen at 822-5059.

**Tuesday, April 20**

**Pharmacology/Therapeutics**

A Novel Approach To The Treatment Of Cerebral Ischemia. Dr. Igor Spigelman, Oral Biology, UCLA. University Hospital G279 from 12-1pm. Call 822-6980.

**Botany Seminar**

The Response Of White Clover, *Trifolium Repens*, To Patchiness In The Light Environment. Sheldon Marcovitz, PhD candidate, Botany. BioSciences 2000 from 12:30-1:30pm. Call 822-2133.

**Animal Science Seminar**

Caprinae Conservation. Dr. David Shackleton, associate professor, Animal Science. MacMillan 260 from 12:30-1:30pm. Call 822-2354.

**Statistics Seminar**

Orwell's Principle In Parametric Inference: Is There A Universal Definition Of Nonformation? Dr. Bent Jorgensen, Statistics. Angus 426 at 4pm. Refreshments. Call 822-3167/2234.

**Wednesday, April 21**

**Institute Of Health**

**Promotion Research Seminar**

Are Attitudes Towards Smoking Different For Males And Females? Dr. Valerie Clarke, visiting scholar, IHPR, Deakin U., Australia. Family/Nutritional Sciences 60 from 4-5:30pm. Call 822-2258.

**Pharmaceutical Sciences**

TBA. Ms. Leslie Phillips, grad student, Clinical Pharmacy, Pharmaceutical Sciences. Family/Nutritional Sciences 320 from 4:30-5:30pm. Call 822-4645.

**Thursday, April 22**

**Faculty Development Seminar**

Curriculum Design: Teaching In A Culturally Diverse Society. Tim Stanley, Education/Cross-Disciplinary Panel. Angus 109 from 9am-12pm. Call Lynn Abbott at 822-9149 to register.

**Botany Seminar**

Effect Of Applied Lipid Sprays On The Passive Function Of Plant Epicuticle In Interaction With Fungal Pathogens. Roderick Young, MSc candidate, Botany. BioSciences 2000 from 12:30-1:30pm. Call 822-2133.

**Friday, April 23**

**Media Services Satellite Seminar**

Electronic Still Photography '93. Part 2 of 4: Getting Photographs Into Your PC. University Services TeleCentre from 10am-12pm. Registration fee. Call 822-5036.

**History Seminar**

The Theory Of Market Integration And The International Grain Market. Robert C. Allen, Economics. Buchanan 910 at 4pm. Call 822-5938.

### Lectures

**Friday, April 16**

**Obstetrics/Gynaecology Grand Rounds**

Indomethacin In Pregnancy. Dr. Martin Walker. University Hospital Shaughnessy Site D308 at 8am. Call 875-4261.

**Dow Distinguished Lecturer**

Formation, Fibre Orientation And Forming. Prof. Bo Norman, Paper Technology, Royal Institute of Technology, Stockholm, Sweden. Pulp/Paper Centre Seminar Room 101. Call 822-8560.

**Friday, April 23**

**Obstetrics/Gynaecology Grand Rounds**

The Placenta As A Third Brain. Dr. Sam Yen, U. of California. University Hospital Shaughnessy Site D308 at 8am. Call 875-4261.

**Paediatrics Grand Rounds**

Clinical Guidelines. Dr. William Robertson, Paediatrics, Medicine, U. of Washington. G.F. Strong Auditorium at 9am. Call 875-2118.

**Public Lecture**

A Spirit of Place: Biodiversity And Ethnobotany. Dr. Wade Davis. IRC #6 at 7:30pm. Call 822-6316.

### Miscellany

**Monday, April 12**

**AMS Art Gallery Display**

4th Year BFA Exhibition. 4th year BFA students. Sub AMS Art Gallery from 10am-4pm through to April 16. Call 822-2361.

**Friday, April 16**

**Pediatrics Resident Case Management**

CPC. Dr. Karen Lannon, resident; Dr. J. Dimmick, pathologist. G.F. Strong Auditorium at 9am. Call A. Ferguson at 875-2118.

**Mini Conference**

Canada-Korea Economic Relations. Numerous speakers from Canada/Korea. Asian Centre Auditorium from 9:30am-5pm. Call 224-1003 to register.

**Saturday, April 17**

**Annual Dinner**

The Vancouver Oxford And Cambridge Society. Prof. Sir David Williams, vice-chancellor, Cambridge U. The Law Courts



Gavin Wilson photo

### Coming Up Roses

Suzanne Stephens was one of dozens of people who took advantage of a dig-it-yourself rose bush sale at UBC's Rose Garden. About 600 roses were sold in a few hours as the garden was cleared to make way for construction of a new underground parking lot. Another 300 rare and exotic roses were kept for propagation and will be used to replant the new Rose Garden at the same site.

### Colloquia

**Monday, April 19**

**Psychology Colloquium**

A Genetic Model Of Avoidance Learning In Rats. Dr. F. Robert Brush, Purdue U. Kenny 2510 at 4pm. Call 822-3005.

**Thursday, April 22**

**Counselling Psychology Colloquium**

The Healing Journey. Dr. Cecil Hershler; Dr. Jim Frankish; Trish Grainge, drama therapist. Counselling Psychology 102 from 7-9pm. Call 822-5259.

Barristers' Dining Room from 6:15-7:30pm. \$40/person. Call Dr. Robert Dunn at 669-1170.

**Tuesday, April 20**

**Ceramics Workshop**

South West ceramics with Preston Virgil Duwyenie, Hopi ceramic, metal artist, professor, Institute of American Indian Arts, Santa Fe, New Mexico. Museum of Anthropology from 9am-4pm. \$55 including lunch. Attendance limited to 12. Call 822-5087.

**Wednesday, April 21**

**UBC Senate Meeting**

The Senate, UBC's academic Parliament, meets at 8pm in Room 102 of the Curtis (Law) Building, 1822 East Mall.

**Friday, April 23**

**Festiva**

International food fair with cultural shows, displays and a dance party to end the day. International House at 5pm. Call Beau at 822-5021.

### UBC REPORTS

**CALENDAR DEADLINES**

Material for the Calendar 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. Notices exceeding 35 words may be edited.

Deadline for the April 22 issue of UBC Reports — which covers the period April 25 to May 8 — is noon, April 13.

# Calendar

April 11 through April 24

## Notices

### Campus Tours

School and College Liaison Office Friday morning tours for prospective UBC students. Reserve one week in advance. Call 822-4319.

### UBC Speakers Bureau

Would your group like to know more about topics ranging from dolphins to computers of the future? Choose from more than 400 topics. Call 822-6167 (24 hr. ans. machine).

### Professional Development For Language Teachers

Continuing Studies' English Language Institute offers practical workshops for teachers in: Intercultural Learning, Pronunciation, Field Trips, Reading Comprehension, Writing/Classroom Management. Courses begin in July. Call 222-5208.

### ESL Evening Classes

Conversation Skills; Basic Writing/Grammar; Listening Skills; Advanced Discussion; Fluency/Pronunciation; Advanced Composition; Academic Writing Workshops; TOEFL Preparation. Beginning April 26/27, twice a week, 7-9pm. Call 222-5208.

### Downtown Evening Course

Non-native speakers of English develop and refine your business communication and writing skills. Starting April 26, Mondays/Wednesdays 4:45-6:45pm. Call 222-5208.

### Introduction To Microcomputers/Word Processing

Non-native speakers of English with no prior experience with personal computers become familiar with the computer, technical vocabulary and WordPerfect 5.1. Beginning May 4 from 7-9:30pm. Call 222-5208.

### Professional Engineering Practice Tutorials/Lecture

Series designed to assist applicants in writing APEGBC's Professional Practice Exam. Wednesdays 6:30-9:30pm now through April 17. Registration required, fees vary. Call 822-3347.

### Reachout Program

Student volunteers write letters to students intending to attend UBC, explaining life at UBC and in Canada, to ease the apprehension of international students. For information go to International House or call 822-5021.

### Women Students' Office

Taking registration for career planning, assertiveness, self-esteem, making peace with food, bicultural women/mature women students support. Advocacy/personal counselling services available. Call 822-2415.

### Reading/Writing/Study Skills Centre

Develop your writing skills for interest and possibly profit. Travel Writing/The Artful Business of Freelance Writing start in March. Call 222-5245.

### Fine Arts Gallery

Tues.-Fri. from 10am-5pm. Saturdays 12-5pm. Free admission. Main Library. Call 822-2759.

### 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 Margaretha Hoek at 822-6353.

### Statistical Consulting/Research Laboratory

SCARL is operated by the Department of Statistics to provide statistical advice to faculty/graduate students working on research problems. Free consulting for graduate students

with supervisor's approval available this semester. Call 822-4037 or e-mail scarl@stat.ubc.ca.

### 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.

### Institute Of Pacific Relations Research

A review of Canadian participation in the Institute of Pacific Relations (IPR, 1925-61) is being prepared at the Institute of International Relations. Anyone with information on the IPR please call Lawrence Woods at 822-6875.

### Clinical Research Support Group

Faculty of Medicine data analysts supporting clinical research. To arrange a consultation, call Laura Slaney 822-4530.

### Professional Fitness Appraisal

Administered by Physical Education and Recreation through the John M. Buchanan Fitness and Research Centre. Students \$40, others \$50. Call 822-4356.

### Stress Study

Seeking management/professional staff who feel they cope with stress quite well or not well at all for participation in a two-hour group interview. Call Bonita Long at 822-4756/Sharon Kahn 822-5454.

### Muscle Soreness Study

Seeking volunteers ages 20-45 to participate in exercise/post-exercise soreness study which requires 5 days of testing. Honorarium. Call 822-7571.

### Dermatology Studies

Nail Fungus Infection Volunteers 18-70 years required to attend 11 visits over 48

weeks. Infection must be in the right or left large toenail. Honorarium. Call 875-5296.

### Genital Warts

Volunteers 18 years or older required to attend a maximum of 17 visits over a 7 month period. Honorarium. Call 875-5296.

### Severe Psoriasis

Male volunteers 18-70 years required to attend 8 visits over a 20 week period. Call 875-5296.

### Child Studies Research

Is your baby between 2 and 22 months? Join UBC's Child Studies Research Team for lots of fun. Call Dr. Baldwin at 822-8231.

### Psychiatry Research Studies

Psychiatric Study Involving Eye Test. Volunteers are needed as control group. Study involves one eye test at Vancouver General Hospital and one interview at UBC—total time 1 1/2 hours. Stipend \$15. Call Arvinder Grewal at 822-7321.

Medication Treatment For People With Depression. Call Annie Kuan/Dr. R. A. Remick at 822-7321.

### Menstrual Cycle Study

Seeking healthy women volunteers ages 18-40 who have not had menstrual flow for 3 months or longer to participate in a 2 month study, to assess the effectiveness of a progesterone-like medication in stimulating menstrual flow. Call 875-4566.

### Behaviour Study

Do you check or clean too much? Psychology is looking for people who repeatedly check (e.g. locks, stoves) or clean excessively to participate in a study. Call 822-7154/9028.

### High Blood Pressure Clinic

Adult volunteers needed to participate in drug treatment studies. Call Dr. J. Wright in Medicine at 822-7134 or RN Marion Barker at 822-7192.

### Drug Research Study

Male and female volunteers required for Genital Herpes Treatment Study. Sponsoring physician: Dr. Stephen Sacks, Medicine/Infectious Diseases. Call 822-7565.

### Heart/Lung Response Study

At rest and during exercise. Volunteers aged 35 years and more and of all fitness levels required. No maximal testing; scheduled at your convenience. Call Marijke Dallimore, School of Rehab. Medicine, 822-7708.

### Sexual Response Study

Psychology department requires sexually functional/dysfunctional women to participate in research on sexual arousal. Honorarium. Call 822-2998 Monday-Thursday from 4-6pm.

### Child Study Centre

Taking registrations now for afternoon kindergarten classes beginning in September. Child Study Centre. 4 afternoons/week. Monday-Thursday, 2 teachers/class. Call 822-2311.

### Late Afternoon Curling

Space available at Thunderbird Winter Sports Centre from 5-7:15pm. Beginners and experienced curlers welcome. Call Alex at 738-7698 or Paul (evenings) at 224-0835.

### Pacific Spirit Regional Park Programs

Autumn program brochures are now available for all-ages as well as children's recreational/nature-study outings. Pick up from the Park Centre at 16th, west of Blanca or the GVRD main office in Burnaby. Call 432-6350.

### Introductory Main Garden Tours

Every Wednesday/Saturday from March 24 to September 25 at 1pm at the entrance to Botanical Garden. Admission cost includes tour. Call 822-4208.

## Tri-university group wins bid for research centre

by Connie Filletti

Staff writer

In a collaborative venture with Simon Fraser University's Gerontology Research Centre and the University of Victoria, UBC's Institute of Health Promotion Research (IHPR) has received federal funding to establish one of six new Canadian centres for health promotion research.

Researchers in the new consortium will pursue an innovative and multidisciplinary approach to community-based health promotion research.

"We will be merging the expertise of community residents, health professionals, researchers and policy makers," said Larry Green, director of the IHPR.

"The research program seeks to understand ways in which community members can interact with institutions such as schools, worksites and

families in preventing or buffering change where it may be harmful to health, and conversely, enhancing change where it can be conducive to health."

The consortium will concentrate its research on health promotion activities affecting disadvantaged child, youth, family and elderly groups, such as Aboriginal people and inner-city communities.

Green hopes that new tools will be created to assist in needs assessment, priority setting and developing health promotion policies.

The B.C. consortium's proposal was selected from more than 50 applications representing university/community partnerships from across Canada.

The six centres will receive \$500,000 each over the next five years from the Social Sciences and Humanities Research Council of Canada and the Ministry of Health and Welfare.

## News Digest

A team of UBC students has placed sixth among 393 North American universities at the annual Putnam mathematics competition in the university's best showing in 15 years.

UBC's top team member, second-year honours math and physics student Mark Van Raamsdonk, placed 28th overall among 2,421 students and received an individual honourable mention. Other team members were Malik Kalfane and David Savitt.

Canadian universities fared extremely well, with the University of Toronto placing second and Waterloo third. Harvard's near-invincible team took first place for the eighth straight year.

"I think it's a real testament to Canadian universities that we placed three teams in the top 10," said Rajiv Gupta, the associate professor of Mathematics who coached the team along with Math Prof. Lon Rosen.

"It's also worth noting that the only public institutions among the top 10 were all Canadian."

•••••

The campus community will get a chance to comment on plans for the new \$17-million library centre before a final design is drawn up.

A model and plans will be on display in Sedgewick Library April 13-16 and a public meeting will be held on April 22 from 6:30 to 8 p.m.

at the Asian Centre auditorium, 1871 West Mall.

A collaboration between architects Arthur Erickson and Aitken Wreglesworth Associates, the library's first phase will extend two existing levels of Sedgewick into the garden to the west, where it will rise five levels above ground.

Three subsequent phases will expand the new building, replacing the existing Main Library.

The university's Board of Governors decided to seek a wider range of opinions before giving architects the final go-ahead because of the importance of the building to the campus.

•••••

UBC's Board of Governors has approved new quotas for admission for students entering the university in September.

The quotas, which will cut the number of students admitted to first-year Arts and Science by 150, were earlier approved by Senate.

•••••

A university department and school are changing their names to more accurately reflect their teaching and research missions.

The School of Physical Education and Recreation will now be known as the School of Human Kinetics. The Dept. of Microbiology is changing its name to the Dept. of Microbiology and Immunology.



**Class Act student volunteers and faculty raised more than \$107,000 for faculty projects.**

## Class Act campaign pledges double

by Abe Heffer

Staff writer

UBC students are a Class Act! Class Act, a student fundraising initiative for graduating class members, has resulted in preliminary pledges totalling more than \$107,000 for 1993.

Now in its second year, the Class Act participation rate for 1993 averaged 38 per cent among graduating students in the faculties of Medicine, Pharmaceutical Sciences, Dentistry, Law, Applied Science and Commerce and Business Administration.

The Faculty of Medicine led the way with an impressive participation rate of 86 per cent.

In the first year of this campaign, three faculties participated, resulting in \$46,000 being raised.

This year, more than 500 students pledged an average of \$214 over three years for projects carefully chosen by the students of each faculty.

Donations will go to lounge renovations and the employment research centre in Commerce; the student lounge in Dentistry; Engineering student

scholarships; the chair in Women and Law's student placement centre; the Medical Outreach Elective program, medical alumni centre and a student bursary in Medicine; and a student bursary in Pharmacy.

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## UBC team wins Moot Court competition

UBC emerged the clear winner in its first appearance at the Canadian Corporate/Securities Law Moot Court Competition last month in Toronto.

The five-member team won all four of its round-robin appearances before emerging as

overall victor in the final round.

Coached by Associate Law Prof. Barry Slutsky, the UBC team included Beth Allard, Kerri Mooney, Derek Jonson, Lan Yip and Paul Adams. Allard was also named the outstanding individual oralist.

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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 April 22, 1993 issue of UBC Reports is noon, April 13.

### Miscellaneous

**DO IT RIGHT!** Statistical and methodological consultation; data analysis; data base management; sampling techniques; questionnaire design, development, and administration. Over 15 years of research and consulting experience in the social sciences and related fields. 433-7807.

**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.

**SINGLES NETWORK** Science professionals and others interested in science or natural history are meeting through a North America-wide network. For info write: Science Connection, P.O. Box 389, Port Dover, Ontario N0A 1N0 or call 1-800-667-5179.

### Summer Jobs

**MAY 3 - JULY 15** A physiotherapy professor from Dalhousie University, attending the Intermediate Manual Therapy course at UBC May 3 - July 30, 1993, is seeking a nanny/sitter for her 2 1/2-year-old daughter. The position may be live-in or live-out; salary is in the range of \$150 per week, plus room and board. This position will be of interest to someone who likes to spend a lot of time outside and who is reliable, flexible, independent, and patient! Excellent opportunity for a student who wants to see what Vancouver has to offer without the pressures of school at the same time. Personal references are required. If interested, please contact: Dr. Sandra Curwin, School of Physiotherapy, Dalhousie University, Halifax, NS, B3H 3J5, phone (902) 494-2634 (office), (902) 429-1745 (home) or fax (902) 494-1941.

### Housing needed

**VISITING PROFESSOR** from Dalhousie University, who will be at UBC during May, June and July 1993, is seeking accommodation for herself and her three-year-old daughter during this time period. If you wish to sublet your home or apartment, or have other suitable accommodation available, please contact: Dr. Sandra Curwin, School of Physiotherapy, Dalhousie University, Halifax, NS, B3H 3J5, phone (902) 494-2634 (office), (902) 429-1745 (home) or fax (902) 494-1941.

### Bed & Breakfast

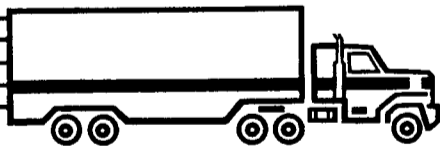
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Surplus Equipment Recycling Facility

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## Public Information Meeting

### The Central Library - Phase I

Display in Sedgewick Library, April 13 - 16

Presentation, April 22, 6:30 - 8:00pm  
 UBC Asian Centre Auditorium, 1871 West Mall

#### INFORMATION

Campus Planning & Development  
 Kathleen Laird-Burns • 822-8228

## Profile

*Charles Laszlo speaks out for the hearing impaired*

# Breaking the Silence

by Gavin Wilson

Staff writer

Charles Laszlo was staying in a Chicago hotel one night when a fire broke out on another floor.

Alarm bells rang. People rushed to the exits. But Laszlo, who is hard of hearing, slept on, oblivious to the commotion.

He was lucky, and well prepared. A colleague staying at the hotel used an extra key to burst into his room and wake him up. Incredibly, Laszlo has stayed in three other hotels where false alarms were sounded.

"In not one case did hotel staff alert me to the situation, although I had notified them of my condition," said the director of UBC's Clinical Engineering Program.

The experience is typical of the indifference the hard of hearing often face, Laszlo said.

Equally characteristic is his response. He is working on an invention that, placed under the pillow, will awaken a sleeper who cannot hear an alarm, a knock at the door, or a ringing phone.

As an inventor and advocate for the disabled, Laszlo is committed to making the world a better place for the hard of hearing.

In his lab, he develops innovative communications technology, including devices that help the hard of hearing use telephones and view instant captioning of speech.

The technology is marketed by a UBC spin-off company, Assistive Listening Devices Systems (ALDS) Inc. One of his former students, Paul Geyer, is the company president.

Laszlo also campaigns for greater awareness of the barriers faced by the hard of hearing in our society, a cause he champions from UBC to Parliament Hill.

The issue is not how the hard of hearing and deaf can adjust to society, he said, but how society must adapt to their needs — a message brought home by the recent B.C. Council of Human Rights ruling which said UBC must improve access for hearing-impaired students.

"Hearing loss is one of the major disabilities, but it's an invisible condition. Society has to pay attention," he said.

Studies show that eight to 12 per cent of the population has a functionally significant hearing loss, including one-third of everyone over the age of 65. Half a million Canadians wear hearing aids, although it is estimated that four times that number should be wearing them, but don't because of the stigma it carries.

Laszlo, 57, first noticed he was losing his hearing in his early 20s, while he still lived in his native Hungary.

Doctors have never been able to pinpoint the exact reason for the

hearing loss, but there were contributing factors. A plunge into an icy river. A childhood bout of scarlet fever. The side-effect of a powerful antibiotic.

Laszlo fled Hungary after the Soviet army crushed the uprising of 1956. He arrived in Canada on the same ship that carried the students and faculty of the Sopron School of Forestry, who were on their way to UBC.

Laszlo, however, made his home in Montreal. He spent 17 years as a student and faculty member at McGill University, where he began his research into hearing loss.

In the summer of 1962, after completing one of his degrees, Laszlo threw a tent and a suitcase into the back of a two-seater sports car and explored North America. He visited Vancouver and, taken with the city, vowed to return.

He did, joining UBC in 1974. A professor in the Dept. of Electrical Engineering, he also heads Clinical Engineering, a graduate program that trains engineers to work in hospitals on clinical technologies and health care delivery.

If building a career and life have

sometimes been difficult, Laszlo does not betray the slightest sign of self-pity.

"I have had to make certain adjustments for life, as we all do for one thing or another," he shrugged. "I do everything that I want to do."

Today, when he has a visitor in his office, Laszlo places a black box, similar in size and appearance to a telephone answering machine, on the edge of his desk nearest the visitor.

Called a Portable Infrared Communication System, or Porta-IR, it is one of his inventions marketed by ALDS.

A microphone in the Porta-IR picks up the visitor's voice and transmits it via infrared signal to a receiver Laszlo has clipped to his tie. This in turn transmits the signal directly to his hearing aid.

By cutting down the distance between the visitor and the microphone (normally in the hearing aid itself) Laszlo hears much more clearly. The same device can accommodate up to 50 people in a meeting or classroom.

The improved sound was noticeable on Laszlo's face as well. Instead of straining to listen, he relaxed and smiled.

"I'm comfortable now," he said.

Laszlo believes that with devices such as the Porta-IR, ALDS can become North America's premier company in the field of assistive hearing devices.

"But devices can only go so far. The hard of hearing also require the understanding of others," he said. "One of the most important things is to change attitudes and the way people relate to the hard of hearing."

Laszlo has spent much of his time doing just that — writing briefs, appearing as an expert witness, and sitting on innumerable committees, including the Ad Hoc Committee on Hearing Accessibility on the UBC Campus, which is reviewing accessibility needs here. He is also the founding president of the Canadian Hard of Hearing Association.

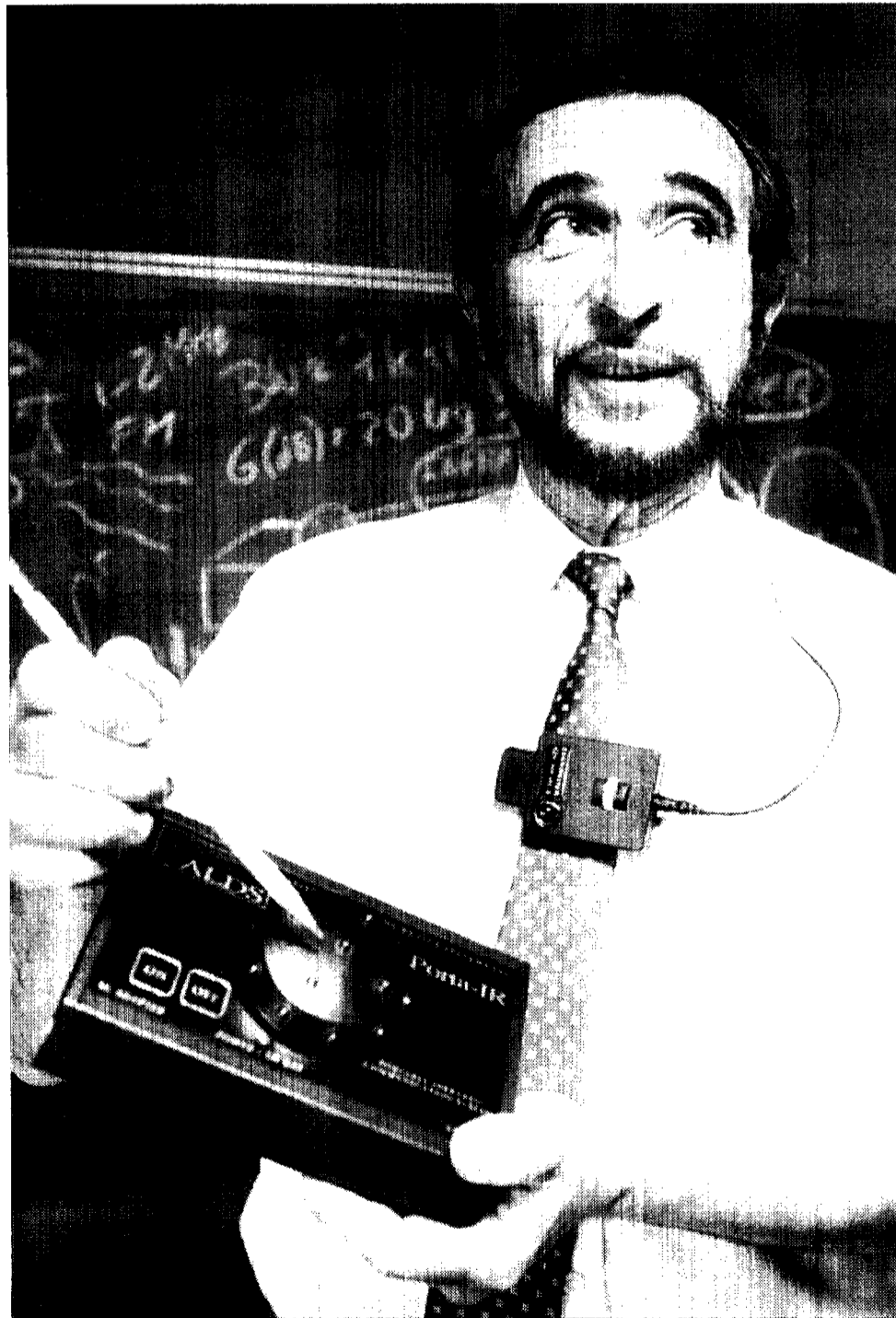
One of his biggest battles has been with the CRTC and telephone manufacturers to ensure that all telephones are hearing aid compatible — a decade-long fight that has gone all the way to the federal cabinet.

"It's not a glamorous cause," he admitted, "but everyone has the right to access a telephone."

That struggle was finally won in 1989, but trouble is brewing again. New digital cordless telephones, heralded as the technology of the future, are not compatible with hearing aids.

"We have a responsibility to see that technology is not taking anything away from people," he said.

For Laszlo, it's another fire to put out. This time, he can hear the alarm.



James LaBonté photo

### Charles Laszlo

**"Hearing loss is one of the major disabilities, but it's an invisible condition. Society has to pay attention."**

**Half a million Canadians wear hearing aids, although it is estimated that four times that number should be wearing them, but don't because of the stigma it carries.**



Martin Dee photo

## Sedgewick Papers

UBC graduate William Blissett, Emeritus Prof. of English at the University of Toronto's University College, reviewed the letters of Garnett Sedgewick in the library's special collections prior to delivering the 12th Sedgewick Memorial Lecture. Sedgewick, UBC's founding head of English from 1918-48, taught Blissett and directed his graduating essay in 1943. Distinguished presenters of the endowed lecture, which started in 1955 and was last held nine years ago, include Northrop Frye ('76) and Harvard's Harry Levin ('66). Blissett also presented a paper at the Pacific Northwest Renaissance Conference hosted by UBC last month.

## Study indicates growing need for licensed day-care spaces

by Charles Ker

Staff writer

Almost 60 per cent of Canadian children under 13 spend an average of 18 hours a week in some form of non-parental care, according to a Statistics Canada report released last month.

"We've always known that the demands for quality day-care spaces far outstrip supply," said UBC Associate Prof. Hillel Goelman, who added that the majority of these children are placed in unlicensed day-care situations. "If 60 per cent of mothers are working and just three per cent of small kids are in licensed day care, then we've got a major problem."

The report, authored by Goelman, is the fourth of 15 to be released as part of the \$3-million Canadian National Child Care Study.

Based on interviews conducted by Statistics Canada in 1988, the study profiles the

child-care needs of more than two million families with at least one child under 13. Drawing information from one in every 90 Canadian households, it is the most extensive research project of its kind undertaken anywhere.

Goelman said that since data for the study were collected, the number of licensed day-care spaces has not kept pace with the increasing number of parents joining the workforce. He added that there was some concern children may be at risk in those low-quality day-care settings which operate without any legal supervision.

Highlights of Goelman's report, *Where are the Children? An Overview of Child Care Arrangements in Canada*, include:

- 55 per cent of infants (0 to 17 months) and 63 per cent of toddlers (18 to 35 months) are in non-parental care an average of 25 hours a week. Eighty per cent of preschoolers (three to five years) are in such care for about

24 hours:

- 18 per cent of infants are cared for by a relative in the relative's home, 16 per cent in an unlicensed family day-care home, and three per cent in a licensed day care setting;

- 16 per cent of infants are in unlicensed family day care an average of 25 hours a week;

- 30 per cent of three- to five-year-olds are enrolled in kindergarten programs, 19 per cent in nursery school and about 18 per cent in unlicensed day care;

Goelman, an associate prof. of early childhood education, is one of four co-investigators in the national study. In its first report released in February, 1992, the research team found that 60 per cent of mothers with children under 13 work and are in need of child care.

Goelman is currently working on reports concerning infant child care, unlicensed child care, preferences for child care and the availability and affordability of child care.

## People

by staff writers

Political Science Prof. **Alan Cairns** has been appointed the first holder of the Brenda and David McLean Chair in Canadian Studies.

A past president of the Canadian Political Science Association and fellow of the Royal Society of Canada, Cairns is widely recognized as one of the foremost political scientists on Canadian politics and the constitution.

Among the most recent of his 12 books are *Disruptions: Constitutional Struggles from the Charter to Meech Lake*, and *Charter Versus Federalism: The Dilemmas of Constitutional Reform*.

During his two-year appointment, which begins July 1, Cairns will be responsible for the delivery and submission of lectures on Canada, organizing conferences and guest lectures and generally promoting Canadian Studies at UBC.

••••

Physics Prof. **Walter Hardy** has won the highest honour awarded by the Canadian Association of Physicists.

Hardy will receive the association's gold medal of achievement at its annual congress in June at Simon Fraser University.

A researcher with diverse interests, Hardy's recent work has focused on high critical temperature superconductors.

Hardy is the previous winner of the association's Herzberg medal, awarded to Canada's most outstanding physicist under the age of 40. He has also received many other awards and honours.

He earned both his bachelor's and doctoral degrees at UBC. He became a faculty member in the Dept. of Physics in 1971.



Hardy

••••

Chemistry Prof. **Brian James** is one of 14 Canadian researchers to be awarded the Canada Council Killam Research Fellowship for 1993.

The fellowship is presented each year to some of Canada's most outstanding researchers in a wide range of fields including the humanities, engineering, health sciences, social sciences and natural sciences. It allows them to devote up to two years to full-time research.

James has worked extensively on the interaction of metal complexes in solution with hydrogen and oxygen with the aim of developing catalytic processes that can be used by industry.

He will use his fellowship to investigate methods of converting oxygen and hydrogen into hydrogen peroxide, a powerful and environmentally friendly substance used for commercial oxidation processes within the pulp and paper and waste-water management industries.

••••

Dr. **Stephen Lam**, associate professor of Medicine, has been appointed to the newly created scientific and medical advisory board of Xillix Technologies Corp.

Lam also serves as head of medical affairs at Xillix, a medical devices company engaged in research and development of medical-imaging products for early cancer detection.

The advisory board will assist in selecting and evaluating emerging cancer detection technologies.



James

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