

Partnership with colleges called success

By PAULA MARTIN

UBC's fledgling partnerships with Cariboo and Okanagan colleges are being called successes despite lower than expected enrolment in the degree-granting programs.

The university-college partnerships began in September as part of a new post-secondary education strategy announced last March by former Advanced Education Minister Stan Hagen.

That plan established third and fourth year programs at Cariboo College in Kamloops, Okanagan College in Kelowna and Malaspina College in Nanaimo. UBC joined with Cariboo College to offer general Arts and Science degrees, and the UBC Elementary Teacher Education Program. At Okanagan, general Arts and Science degrees are being offered.

Figures from Cariboo College for third-year, full-time and part-time students show 47 students enrolled in Arts, 11 in Science and 14 in Education.

At Okanagan College, figures for third-year, full-time and part-time students show 51 enrolled in the Arts program and six in the Science program.

UBC administrators working with the colleges are pleased with the results.

"I think the response has been fabulous considering how quickly the arrangements were made and how late the opportunity actually became available," said Daniel Birch, Vice-President, Academic.

Associate Dean of Science John Sams said the small numbers enrolled in science programs were disappointing, but will likely rise next year.

"At both colleges, second year enrolments in science were up significantly, by about 35 per cent at Cariboo and 50 per cent at Okanagan," he said, adding these numbers will likely

boost next year's enrolment in the degree program.

The number of students enrolled in the Arts program is not as high as was originally expected, said Economics Professor Ron Shearer.

"However, I find it all very encouraging — not so much the enrolment figures, but the enthusiasm out there," he said.

"The thing that should be noted about the enrolment figures is there is a big increase in their first and second year programs and that will carry over to the third year next year."

Murray Elliott, associate dean of Education, said the number of students enrolled in the Education program may be lower than expected because UBC requires three years of university before students are allowed to enter it.

"A number of people who might be interested in the program were a year short this year and are likely making it up so they can be admitted," he said.

A report on the university-colleges prepared by the Ministry of Advanced Education and Job Training shows the new access and teacher education initiatives have drawn about 720 additional students to the university-colleges during 1989-90.

The report partly attributed substantial increases in year one and two enrolments to students who plan to continue in the upper division years.

Figures from Okanagan College show second year full- and part-time student enrolment up by 43.75 per cent, said Assistant Registrar Dianna Hitchens.

There has been an increase in the first and second year university transfer program at Cariboo College as well, said Admissions Officer Ray Pillar. He said the college attributed the rise in first and second year to the availability of the new, full degree-granting program.

\$10 million donor's identity revealed

UBC's \$10-million donor is no longer anonymous.

The university has confirmed that the Chan Foundation of Canada, founded by Tom and Caleb Chan, is the source of the donation to the university's Capital Campaign.

Members of a Vancouver family originally from Hong Kong, the Chans are businessmen whose donation to UBC is a tangible expression of their commitment to contribute to the community in which they have chosen to work and live.

The Chan's donation to UBC will help build the university's new Performing Arts Centre, a facility which will educate and showcase some of the best artistic and cultural talent from Canada and around the world, strengthening cultural ties with countries in the Asia Pacific, and contributing to cultural understanding between nations, said UBC President David Strangway.

"This is a tremendous gift for UBC," Strangway said. "The uni-

versity is the recipient, but the entire community is the beneficiary."

When UBC approached the Chans about donating to the Performing Arts Centre, they first determined that this project was not only a priority of the university but was important to the community as a whole.

Tom Chan, 43, was president of Crocodile Garments Ltd., one of the most successful manufacturing and retailing businesses in Hong Kong, before selling the public company and moving to Vancouver two years ago.

His brother Caleb, 38, moved to Vancouver from California where he had developed the hotel and commercial property arm of the family business.

Since being re-united in Vancouver, Tom and Caleb have combined their skills and resources to jointly create in B.C. a new group of entrepreneurial companies led by Burrard International.

UBC Reports

The University of British Columbia
Vancouver, British Columbia

Volume 35, Number 21
November 30, 1989






Photo by Media Services

Vancouver Centre MP Kim Campbell (right), presents one of the 147 Canada Scholarships awarded to UBC students during a recent ceremony while President David Strangway looks on.

UBC, IBM partners in graphic research

By GAVIN WILSON

UBC and IBM Canada have jointly announced a new cooperative research project that could make the university a world leader in the fast-growing field of computer graphics.

The UBC/IBM Graphic, Film and Computers (GraFiC) project will provide artists, architects, engineers, scientists, educators and medical researchers with new tools that will dramatically alter the way they work.

Its purpose is to develop cutting

edge computer graphics and animation technology to model complicated images, and then to transfer this technology to users in a broad spectrum of areas in science and the arts.

"It is our intention to make UBC a leading centre for computer graphics and animation and provide unique access to this highly sophisticated technology," said Maria Klawe, head of the UBC Department of Computer Science.

Funding for the GraFiC project is

anticipated to reach approximately \$5-million over the next five years, with IBM contributing about \$1-million in equipment and expertise and the remainder provided by university and other sources.

"The field of enhanced graphics and computer animation is going to explode in the 1990s," said John Thompson, chairman and CEO of IBM Canada. "This project clearly has the potential to put all the advanced

See PROJECT on Page 2

Recreation centre rejected

The Alma Mater Society student council has decided to accept the results of last September's referendum and withdraw \$3.75-million in funding for the proposed Student Recreation Centre.

The funds were included in the university's ongoing fundraising campaign, A World of Opportunity. Students had voted in an earlier referendum to raise funds for the first phase of the project through a \$30 annual fee.

President David Strangway said he found the referendum results "a little disappointing."

"Students at UBC have a long history of support for campus building projects," he said. "And the announcement of their donation at the campaign kickoff (in March) was extremely well-received by both the government and the private sector. It was very motivational for other donors."

Strangway added that the recreational centre is an important project designed to meet clearly-identified needs on campus.

"I'm hopeful that at a later date students will find a way of renewing their commitment to the campaign," he said.

The student council based their decision on a ruling made by the Stu-

dent Court, which settled the hotly disputed issue of how many votes were required for quorum in the September referendum.

The formula established by the court put quorum at 2,575 votes for either side in the vote. In the referendum, 2,612 votes were cast in opposition to the project, while another 1,766 students voted in favor.

UBC Reports in Van Courier

To better communicate with the local community, the university will now distribute UBC Reports on alternate Sundays with The Vancouver Courier to homes and businesses in the area west of Arbutus Street.

Readership will more than triple as the number of copies

printed will be increased to 38,000 from 13,000.

This edition contains two paid inserts, one from the UBC Real Estate Corp. and the other from the Disability Centre.

Advertising rates are unchanged. To place an ad, phone 228-4775.

UW nearing its goal

By CONNIE FILLETTI

The UBC United Way employee campaign is nearing its goal of \$195,000, raising \$178,726.93 to date. The total represents 92 per cent of this year's target.

About 1,200 UBC employees have supported the campaign so far, giving an average of \$156 per donation. Approximately 400 employees are new donors responding to the annual fun-

draising drive's appeal for contributions.

"The response at UBC has been tremendous this year," said John McNeill, Dean of Pharmaceutical Sciences and chairman of the campus campaign. "In those units where we had designated representatives, the statistics show us that a personalized campaign does work. The individual efforts of our more than 140 volunteers are to

be commended. In our Purchasing unit, we had a 66 per cent participation rate thanks to the efforts of Cheryl Tong and Helen Chang."

President David Strangway expressed his gratitude to campus volunteers at a reception on Nov. 22.

"It is a tribute to UBC that so many at this university have worked tirelessly to ensure the success of such a worthy cause," said Strangway.

Project to create new software

Continued from Page 1

developments—High Definition Television, advanced software, powerful scientific work stations, easy-to-use learning packages — into the hands of thousands of people rather than just a few dozen."


GraFiC will be the centrepiece of the university's proposed new research facility — the Media and Graphics Interdisciplinary Centre (MAGIC).

Computer graphics is a technology still in its infancy and is most widely known for its use in animated films such as Tin Toy, which won an academy award last year.

But it is widely recognized within the computer industry that graphics and other multimedia applications will be one of the most important growth areas in the next decade.

The GraFiC project aims to create new software technologies in collaboration with potential users who may now have little computer expertise. All software developed through the project will enter the public domain.

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The Geological Museum has a huge selection of natural crystals for sale for the person who has almost everything! Priced from \$5.00 to over \$2,000, each specimen has a descriptive label. Proceeds support new acquisitions.

The Collector Shop is located in the Geological Museum near the dinosaur's nose, and will be open at the following times:

Wednesday	Dec. 6	1:30 - 4:30
Wednesday	Dec. 13	1:30 - 4:30
Sunday	Dec. 17	12:00 - 4:30
Wednesday	Dec. 20	1:30 - 9:30

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Birthday party set for Sept. 30

By JUDY McLARTY

UBC's official birthday party on Sept. 30 will be the highlight of 75th Anniversary/Homecoming week Sept. 27-Oct. 3. The birthday party will revolve around an afternoon of festivities on campus featuring a return to 1915—a journey back to the year the university was chartered as an independent post-secondary institution. Old-fashioned entertainment will include people in period costumes, antique car displays and an official cake-cutting ceremony. Invitations to help celebrate the birthday will go out to 125,000 UBC alumni. The Governor General or the Prime Minister will also be invited. Contact: **Kirsten Mawle** or **Donna Hunter**.

The organizing committee is chaired by UBC law and medicine grad **Don Holubitsky**, vice-chaired by AMS President **Mike Lee** and staffed by **Deborah Apps** of the Alumni Association and **Donna Hunter** of 75th project staff.

Other events during the week include: The 1990 Gala Great Trekker Dinner, Sept. 27, a dinner and celebration to honor the recipient of the Great Trekker Award, at the Hotel Vancouver - Contact: **Jim Stitch** or **Andrew Hicks**.

The Spirit Parade, Sept. 27, to kick off the 75th Anniversary/Homecoming Week celebrations. Contact: **Bill Richardson** or **Johanna Wickie**.

A Neuroscience Symposium, Sept. 27-28. A two-day symposium that will highlight Neuroscience at UBC. Contact: **Dr. Steven R. Vincent**.

A Special Commencement Ceremony, Sept. 27. Contact: **Joan King**.

Reunion Dinners, Sept. 28. UBC graduates will be invited back to campus to celebrate class reunions and the 75th Anniversary. Contact: **Agnes Papke**.

A lecture series on Pacific Rim Developments presented by the Institute of Asian Research, Sept. 27 - Oct. 3 - Contact: **Katie Elliot**.

Student Homecoming Dance, Sept. 28, sponsored by the AMS for both students and alumni. Contact: **Kirsten Mawle**.

The Blue and Gold Classic Football Game Sept. 29 at Thunderbird Stadium. Before the game there will be a barbecue and beer garden. A pre-game and half-time show will continue the birthday party theme. Contact: **Kim Gordon**.

The Arts '20 Relay Race, Sept. 30. This is one of Canada's largest university participatory sporting events with eight-person teams running from Van-

couver General Hospital to UBC in a re-creation of the original Arts Relay Race of 1920. Contact: **Joan Webster** or **Nestor Korchinsky**.

CAMPUS PROJECTS

Campus Projects are made up of 75th Anniversary activities that do not fall into one of the major event categories (Open House, Discover Summer at UBC and 75th Anniversary/Homecoming Week).

The Campus Projects committee chairman, Dean of Medicine, **Bill Webber**, reports that highlights include: An exhibition of 16th Century Rome studies and preparatory sketches by Italian masters including Michelangelo, Vasari and Alberti; a UBC film and television festival; a book about women at UBC in the early years; The New Universe, the creation of state-of-the-art graphic visuals on Sun computers in UBC's Geophysics and Astronomy Department; an oral history project by Professors Emeriti; a 25th Anniversary anthology in creative writing; an education day on ethical issues in rehabilitation; a 75th Anniversary historical display in the Botanical Garden; various student celebrations including a day of festivities on SUB's birthday in January; a celebration of light entitled The Lights of Learning that will see the central campus lit with Christmas lights in November and December, 1990; and a computerized hyperbrochure tour of UBC.

The Campus Projects committee is vice-chaired by **Dr. John Gilbert** and staffed by **Judy McLarty**. A number of proposals from Athletics are still under consideration and will be outlined in a future column.

CORPORATE PARTNERSHIP OPPORTUNITIES

Leslie Peterson, Chancellor of UBC and Chairman of the 75th Anniversary celebrations, guest speaker at the annual Thunderbird Society lunch at the Hotel Vancouver on Nov. 20, spoke about the 75th Anniversary programs and the corporate partnership opportunities for companies wishing to help UBC throughout 1990. For more information on corporate partnerships, call **John Tanton**, Partner, The Tanton/Mitchell Group, at 685-0261.

The correct dates for the student kick-off festivities are Jan. 8, 9, 10, 1990, not Jan. 10, 11 and 12 as reported in the last column.

Classified

Classified advertising can be purchased from Media Services. Phone 228-4775. Ads placed by faculty and staff cost \$6 per insertion for 35 words. Others are charged \$7. Monday, Dec. 4 at 4 p.m. is the deadline for the next issue of UBC Reports which appears on Thursday, Dec. 14. Deadline for the following edition on Jan. 11 is noon Jan. 3. All ads must be paid in advance in cash, by cheque or internal requisition.

For sale

XMAS IN HAWAII! Vancouver - Honolulu rtn. Dec. 14 - 29, \$600 Cdn. Day-time, 228-6192, evening, 922-3502.

FOR SALE: Boys brown boot roller skates size 2 - \$25 OBO. Baby crib and mattress - \$40 OBO. Three-way buggy-stroller-carbed Gendron blue - \$70 OBO. Phone 437-0219.

Employment

EMPLOYMENT PART-TIME: One of our purposes is to provide opportunities for retired professors and recent graduates of graduate programs to teach one or two courses. Subject matters: Arts (social sciences and humanities); Education (language teachers, early childhood education teachers); and Commerce (basic courses). We have a full range of

Montessori materials; interactive laserdisk technology; and modern access to UBC etc. libraries. Some UBC-transfer courses. Contact persons: Lael Whitehead MA (Arts); Marianne Luhman MEd, ECE or Leyla D'Avoudian PhD, Education; Raymond Rodgers PhD, Commerce (acting); Doug Tomlinson MEd, computing/technology. 685-9380. UNIVERSITY COLLEGE VANCOUVER (New Summits). 548 Beatty, V6B 2L3.

Services

VICTORIA REAL ESTATE: Experienced, knowledgeable realtor with faculty references will answer all queries and send information on retirement or investment properties. No cost or obligation. Call collect (604) 595-3200 Lois Dutton, RE/MAX Ports West, Victoria, B.C.

MONDAY, DEC. 4

AIA/Classics Lecture

San Giovanni di Ruoto: A Late Roman Villa in South Italy. Prof. Alastair Small, U of Alberta. Museum of Anthropology Lecture Theatre at 8pm. Call 228-2889.

Pediatrics Seminar

Lactic Acidosis and Neurological Disease in Children. Dr. Brian Robinson, Endocrinology, Hospital for Sick Children, Toronto. University Hospital, Shaughnessy site, D308 from noon. Call 875-2492.

Physiology Seminar

Pancreatic Exocrine Function in Man. Prof. I. Koop, U of Marburg, FRG. IRC #5 at 4:45pm. Call 228-2083.

Biochemistry Seminar

Leishmania Gene Expression. Dr. Rob McMaster, Medical Genetics, UBC. IRC #4 at 3:45pm. Call 228-3027.

Astronomy Seminar

Mapping the Surfaces of Ap Stars. Dr. William Wehlauf, Astronomy, U of Western Ontario. Geophysics and Astronomy 260 at 4pm. Call H. Richer, 228-4314/2267.

TUESDAY, DEC. 5

Botany Seminar

The Role of Calcium in Whorl Morphogenesis in Acetabularia. Dr. L. Harrison, Chemistry, UBC. BioSciences 2000 at 12:30pm. Call 228-2133.

Tai Chi Group

Introduction to Basic. Sam Masich, coordinator. Twelve sessions, \$45. Faculty Club Ballroom, 7:45 - 8:45am. Call 228-4693.

Session on Wine #8

Blind Tasting Red Wine (General). Darren Berezarski, Wine Consultant from Mark Anthony Group. Per session, \$15. Faculty Club Music Room 7-9pm. Call 228-4693.

WEDNESDAY, DEC. 6

Orthopaedics Grand Rounds

Total Elbow and Wrist Arthroplasty. Dr. K. Favero, Chairman. Eye Care Centre Auditorium at 7:30am. Call Orthopaedics, VGH at 875-4646.

Pharmacology Seminar

Physiology and Pharmacology of Noxious Stimuli-induced Persistent Depression of Hippocampal CA1 Neuronal Synaptic Excitability. Sanjay Khanna, PhD candidate, Pharmaceutical Sciences. IRC #3, 11:30-12:30pm. Call 228-2575.

Faculty Club Buffet

Lighting of the Christmas Tree. Main Dining Room at 7pm. Reservations, 228-3803.

THURSDAY, DEC. 7

Obstetrics/Gynaecology Combined Seminar

One of a series by Human Reproductive Biology with Endocrinology and Infertility. Ovarian Hyperstimulation Syndrome. Dr. Sheila Pride, Obs. and Gyn., UBC. Grace Hospital 2N35 at 1pm. Call 875-2334.

Institute of Asian Research

Lunchtime Seminar. The Red Khmer Movement and Local Response in Kampuchea since 1970. Katie Friesen, PhD candidate, Politics, Monash U. Asian Centre 604 at 12:30pm. Call 228-4688.

UBC Reports is the faculty and staff newspaper of the University of British Columbia. It is published every second Thursday by the UBC Community Relations Office, 6328 Memorial Rd., Vancouver, B.C., V6T 1W5. Telephone 228-3131. Advertising inquiries: 228-4775. Director: Margaret Nevin Editor-in-Chief: Don Whiteley Editor: Howard Fluxgold Contributors: Connie Filletti, Paula Martin, Jo Moss and Gavin Wilson.

Calendar

December 3 - December 16

CALENDAR DEADLINES

For events in the period Dec. 17 to Jan. 13 notices must be submitted by UBC faculty or staff on proper Calendar forms no later than noon on Tuesday, Dec. 6 to the Community Relations Office, 6328 Memorial Rd., Room 207, Old Administration Building. For more information call 228-3131. Notices exceeding 35 words may be edited. The last edition of UBC Reports in 1989 will be published on Dec. 14. The first edition in 1990 is Jan. 11 with a Calendar deadline of noon Jan. 3.

FRIDAY, DEC. 8

Medical Genetics Seminar

A Clinical Review of Alpha-1 Antitrypsin Disease. Dr. Dawna Gilchrist, Clinical Fellow, Medical Genetics, University Hospital, Shaughnessy site D308 at 2:15pm. Call 228-5311.

Pediatrics Grand Rounds

Selenium and Essential Trace Elements in Pediatric Nutrition. Dr. Gillian Lockitch, Pathology, BCCH. GF Strong Rehab. Centre Auditorium at 9am. Call 875-2117, local 7107 or 7118.

Obstetrics and Gynecology Grand Rounds

Update on Canadian Multi-Centre Post-Term Pregnancy Trial. Dr. D. Farquharson, Director, Ultrasound, Grace Hospital and Ms. Margaret Lee, RN. University Hospital, Shaughnessy Site, Lecture Theatre D308 at 8am. Call 875-2171.

Chemical Engineering Seminar

Engineering Design of Microbiological Leaching Reactors. Dr. Richard Branion, Chem. Engineering, UBC. Chem Engineering 206 at 3:30pm. Call 228-3238.

Faculty Club Seafood Festival

Buffet. Main Dining Room from 5:30-8:30pm. Call 228-2708. Reservations, 228-3803.

SATURDAY, DEC. 9

Friends of the Garden

Guided Tours of the Winter Garden. From the Botany Garden Office at 1 and again at 2pm. Call 228-3928/4372.

Continuing Education Social Work Workshop

Employee Assistance Programs, New Career Opportunities for Social Workers. Diana Stevan, MSW, Director, Onterlock. Social Work Lecture Hall B from 9am-4pm. Call 228-2576.

SUNDAY, DEC. 10

Music Recital

Works for Horn Ensemble. Brian G' Froerer and guests. Free admission. Music Recital Hall at 2pm. Call 228-3113.

MONDAY, DEC. 11

Astronomy Seminar

Measurement and Interpretation of Solar Luminosity Variations. Dr. Peter Foukal, Cambridge Research and Instrumentation, Cambridge, Mass. Geophysics and Astronomy 260 at 4pm. Coffee from 3:30pm. Call Harvey Richer at 228-4134/2267.

Music/CBC Simulcast

Phoenix Choir. Broadcast live by CBC. Must be seated before 12:30pm. Music Recital Hall at 12:15pm. Call 228-3113.

TUESDAY, DEC. 12

Institute of Asian Research Seminar

Japanese Industrial Policy: The Case of the Distributive Sector. Prof. Hiroshi Niida, Economics, National U of Yokohama; Visiting Professor, Economics, UBC. Asian Centre 604 from 12:30-1:30pm. Call 228-4688/2746.

WEDNESDAY DEC. 13

Orthopaedics Grand Rounds

Orthopaedic Aspects of Down's Syndrome. Dr. R.D. Beauchamp, Chairman. Eye Care Centre Auditorium at 7:30am. Call Orthopaedics, VGH at 875-4646.

Faculty Club

Pre-Senate Christmas Buffet. Per person, \$15. Main Dining Room from 5:30-8:30pm. Reservations recommended. Call 228-3803.

THURSDAY, DEC. 14

Obstetrics/Gynaecology Combined Seminar

One of a series by Human Reproductive Biology with Endocrinology and Infertility. Regulation of Meiotic Maturation and Egg Mitosis by Protein Phosphorylation. Dr. S. Peleck, Biomedical Research Centre, UBC. Grace Hospital 2N35 at 1pm. Call 875-2334.

FRIDAY, DEC. 15

Chemical Engineering Seminar

The Other Natural Fuel: Lignin. B. Richardson, Graduate Student, Chem. Eng., UBC. Chem Engineering 206 at 3:30pm. Call 228-3238.

Obstetrics/Gynecology Grand Rounds

Morbidity and Mortality Review. Drs. P. Mitchell and J. Booth, Gyne Service, UBC. University Hospital, Shaughnessy Site Lecture Theatre D308 at 8am. Call 875-2171.

Health Care/Epidemiology Rounds

Health Communities - A New Social Movement. Dr. Sharon Wilms, Asst. Professor, Social Work and Centre for Human Settlements, UBC. James Mather 253 from 9-10am. Call 228-2772.

Biotechnology Lab Seminar

Strategies for Signal Transduction in Biological Systems. Dr. Mel Simon, Biology, Calif. Inst. of Technology. IRC #5 at 12 noon. Call 228-2210.

Faculty Club Members Open House

UBC Carollers. Free Hors d'oeuvres. Members are invited to bring guests. Main Dining Room 4-8pm. Call 228-2708.

SATURDAY, DEC. 16

UBC Chess Club Lecture

The Greatest Player of All Time: Kasparov, Karpov or Fischer? Dr. Nathan Divinsky, Mathematics, UBC. Computer analysis of 64 great players utilizing calculus and statistics. Admission \$5. SUB 205 at 5pm. Call 873-8597.

NOTICES

Institute of Asian Research

Exhibition of Chinese paintings by Hong Kong artist NG Yuet Lau. Until Dec. 10. Free admission. Asian Centre Auditorium, 11:30am-5:30pm daily. Call 228-2746.

Fine Arts Gallery

Mary Scott. Until Dec. 22. Basement, Main Library. Tues.- Fri., 10 am-5pm; Saturday, noon - 5 pm.

Botanical Garden

Christmas Sale. Fresh, green wreaths, books, gardening tools. Dec. 7, 8, 9, 11 am-7 pm, 6250 Stadium Road. Call 228-3928.

Graduate Student Society

Free Film Festival. James Bond and Meryl Streep. All Welcome. Grad Centre Fire-side Lounge, Mondays at 6:30pm. Call 228-3203.

Occupational Health and Safety Seminar

Biosafety in the Laboratory - Principles and Practices. Dec. 6 and 7, 8:30am-4:30pm. Practical sessions: choose Dec. 12 or 13, 8:30-11am. Call 228-7596.

Post Polio Study

Persons with polio needed for functional assessment and possible training programs. Elizabeth Dean, PhD, School of Rehabilitation Medicine. Call 228-7392.

Multiple Sclerosis Study

Persons with mild to moderately severe MS needed for study on exercise responses. Elizabeth Dean, PhD, School of Rehab. Medicine. Call 228-7392.

Psychiatry Study

Men and women 19-60 years, to participate in research investigating eye function in depressed patients and control volunteers. Volunteers must not have a past history or family history of depression. Stipend \$15. Call Dr. Lam or Arlene Tompkins at 228-7325.

Psychology Study

Non-students volunteers, aged 30-40 and living with a heterosexual partner, to keep a daily journal for 4 months. Participants will look for patterns in their physical, emotional and social experiences. Call Jessica McFarlane at 228-5121.

Back Pain Research

Volunteers needed for magnetic resonance imaging of healthy spines - men and women aged 18 - 60, non-pregnant, no pacemakers, no intracranial clips and no metal fragments in the eye. University Hospital employees excluded. Call June 8 am and 4 pm, Monday - Thursday at 228-7720.

UBC Employment Equity

Faculty and staff interested to learn about the program, including the census to take place in February 1990, please contact Dr. Sharon E. Kahn, Director. Call 228-5454.

Agricurl

Late afternoon curling. Experienced curlers and those wishing to learn are welcome. At Thunderbird, Tuesdays, 5:15-7:15. Two terms, \$80. Call Paul Willing, 228-3560 or Alex Finlayson, 738-7698 (eve.)

Badminton Club

Faculty, staff and Grad Student Badminton Club meets Thursdays, 8:30-10:30pm and Fridays, 6:30-8:30 pm in Gym A of the Robert Osborne Sports Centre. Fees \$15. Call Bernard at 731-9966.

Walter Gage Toastmasters

Wednesday. Public Speaking Club Meeting. Speeches and tabletopics. Guests are welcome. SUB at 7:30 pm. Call Sulan at 597-8754.

Psychology Study

Opinions of teenage girls and their parents on important issues surfacing in family life. Volunteers needed: 13 - 19 year old girls and one or both of their parents. Call Lori Taylor at 733-0711.

Language Exchange

Free service to match up UBC students who want to exchange their language for another. At present, we are looking for French and Spanish speakers who wish to exchange their languages for English. Call Yukiko Yoshida at 228-5021.

International House Language Bank

Free translation/interpretation services offered by International students and the community to students and non-profit organizations. Call Teresa or Nancy at 228-5021.

Sexual Harassment Office

Two advisors are available to discuss questions and concerns on the subject. They are prepared to help any member of the UBC community who is being sexually harassed to find a satisfactory resolution. Call Margaretha Hoek or Jon Shapiro at 228-6353.

Statistical Consulting and Research Laboratory

SCARL is operated by the Department of Statistics to provide statistical advice to faculty and graduate students. Call 228-4037. Forms for appointments available in Room 210, Ponderosa Annex C.

Volunteering

To find an interesting and challenging volunteer job, get in touch with Volunteer Connections. Contact: Volunteer Connections, Student Counselling and Resources Centre, Brock Hall 200 or call 228-3811.

Lung Disease Subjects Wanted

School of Rehab Medicine is seeking interstitial lung disease subjects in order to study the effect of this disorder on response to submaximal exercise. Call Frank Chung at 228-7708.

Parenting Project

Couples with children between the ages of 5 and 12 are wanted for a project studying parenting. Participation involves the mother and father discussing common child-rearing problems and completing questionnaires. Call Dr. C. Johnston, Clinical Psychology, UBC at 228-6771.

Teaching Kids to Share

Mothers with 2 children between 2 1/2 and 6 years of age are invited to participate in a free parent-education program being evaluated in the Department of Psychology. Call Georgia Tiedemann at 228-6771.

Surplus Equipment Recycling Facility

All surplus items. Every Wednesday, noon-3 pm. Task Force Bldg. 2352 Health Sciences Mall. Call 228-2813.

Neville Scarfe Children's Garden

Visit the Neville Scarfe Children's Garden located west of the Education Building. Open all year - free. Families interested in planting weeding and watering in the garden, call Jo-Anne Naslund at 434-1081 or 228-3767.

Botanical Garden

Open every day from 10 am - 3 pm. until mid-March. Free admission.

Nitobe Garden

Open Monday to Friday, 10 am - 3 pm until mid-March. Free admission.

UBC Administration answers questions on Hampton Place

1. Where is Hampton Place?

Hampton Place is located at the corner of 16th Avenue and Wesbrook Mall on the campus of The University of British Columbia. The 28 acre site is owned by the University and is not part of the University Endowment Lands nor the adjacent Pacific Spirit Park.

2. What is the UBC Real Estate Corp.?

This Company ("REC"), incorporated in 1988, is a private company wholly owned by UBC with the mandate of developing University real estate assets throughout the province in a profitable manner. REC operates at arm's length from the University and is controlled by a separate Board of Directors. The Company is charged with turning this real estate into long term benefits for UBC.

3. What Type of Housing will be Built at Hampton Place?

The 28 acre site is subdivided into ten multi-family lots. Three of these sites are for townhouses, three for low-rise apartments and four for high-rise apartments. Three of the high-rise apartments will be built and operated by REC as rental buildings while the rest of the sites will be sold by way of 99 year ground lease to other development companies. It is expected that these seven sites will be condominium tenure.

4. Who Will Build the Housing?

UBC Real Estate Corporation will offer most of the sites to the market on a tender basis. These sites will be leased, not sold, for 99 years and we have written Design Guidelines and Zoning to ensure high quality development. The proceeds from these pre-paid 99 year leases will contribute to the cost of building high rises operated by UBC Real Estate Corporation.

5. What About Landscaping?

UBC/REC has commissioned experts to develop a theme based upon historic English gardens. The REC will design and build all the landscape at the entrance gates, along both sides and on the median of the main road, and within the two major islands along the way. This landscape will be decorative and somewhat formal but created by means of informal plant materials punctuated with traditional garden sculpture forms. Design Guidelines will be issued to the landscape architects responsible for individual lot landscape design so as to ensure a coordinated overall finished effect.

6. What About Density?

The overall plan for the 28 acre parcel limits floor area ratios to an average of only 1.01 FSR. This means for every square foot of land within the lot lines, one square foot of habitable space can be built. This is considered to be a relatively low density. By comparison, Dunbar is 0.45 FSR and False Creek South is 1.30, West Vancouver RM 2 Zoning is 1.75, and False Creek East is 3.50. Hampton Place is designed to cater to those who enjoy the advantages of townhouse life styles. In addition, the high-rise apartment sites will offer the advantages of full utilization of the three small lots to be retained by the REC. The densities of these areas are higher to effect the low overall average.

7. What is the Target Market?

All transactions will be "at market" so each developer will determine his own target market and build accordingly. REC will rent at prevailing market rates. Initial market reaction to the project indicates that most prospective buyers live in Point Grey and adjacent neighbourhoods in Vancouver. Many are "empty nesters" with equity in single family homes while others are younger working couples.

8. How are the Sites Being Leased?

Sites are being made available on 99 year pre-paid leases with UBC being the Lessor. A publicly advertised competitive tendering process will be followed. A \$50,000 deposit must accompany the Offer to Lease and the successful tenderer will be required to increase the deposit to 10% of the Offer upon acceptance of the Offer by REC. The Balance is due and payable 100 days after acceptance of the Offer in order to give plenty of time to submit and receive a development permit. Offers will be judged by REC primarily on the basis of price.

9. What is the Authority Having Jurisdiction?

Development Permits, Building Permits and Occupancy Permits are under the jurisdiction of REC. Zoning, Design Guidelines and the Approval Process have been written by REC. The University, as the owner of the land, derives its authority from the University Act and is not subject to The Municipal Act nor The Vancouver Charter.

10. Are Property Taxes Payable?

Property taxes are payable to and collected by the Province as the land is technically in a rural area. In addition, UBC will receive payment for providing local services. All property is assessed by the Provincial Assessment Authority. These taxes include payment to the Vancouver School Board, the G.V.R.D., Vancouver Hospital, Municipal Finance Authority, Provincial Assessment and the Provincial Levy. We estimate these taxes alone will exceed \$2 million per year. For a given assessed value, the combination of the tax bill payable to the Province and the levy payable to UBC will be the same as paying taxes in the City of Vancouver.

11. What Services are being Provided to the Properties?

Water, storm sewer and sanitary sewer are provided to the property line by UBC. Road maintenance is provided by the Ministry of Transportation and Highways as well as landscaping maintenance in the public road right of way. BC Gas, BC Tel, Rogers Cable and BC Hydro provide their respective services to the property line as per any normal development.

12. How Does the Approval Process Work?

Basically, the developer will apply for a development permit, building permit and occupancy permit as per a normal municipal situation. Following the Design Guidelines and Zoning issued by REC and the current BC Building Code, REC has authority to issue development permits while Locke, McKinnon, Domingo Gibson Ltd. has authority to issue building permits. A Development Permit Approval Committee comprising the project planner, President of REC, Director of Campus Planning for UBC, project landscape architect and two other architects will issue development permits.

The philosophy behind the approval process assumes professional developers and design teams working closely with REC and its professionals. Fast approvals are available for those who submit complete applications that meet the Design Guidelines and the applicable Building Code requirements.

13. How Does UBC Benefit?

The UBC Real Estate Corporation will contribute its net profits to UBC each year. This will provide a steady and growing source of funds that the University can use for capital and endowment purposes. At present, we estimate that UBC will receive about \$3 million per year

once the high rises are built. It will take about four years to finish construction and fill the buildings.

14. Is there a surplus from Selling The 99 Year Land Leases?

No. UBC Real Estate Corporation will have to borrow and place a mortgage on the three high rises to build them. This mortgage is needed even though the three sites for the high rises will be included at no cost to the high rises. If the market value of the three sites were included, it would not be economically possible to build the high rises.

15. Have Experts Been Used to Design the Project?

The 1987-88 work performed for U.B.C. under the direction of Graham Argyle, Campus Planner, included reports from the following consultants:

Ernest Collins Architect
UMA Engineering Ltd.
Underhill and Underhill, Legal Surveyors
Pavelek & Associates, Landscape Architects
Patricia French Ltd.
LEC Quantity Surveying Inc.
Cornerstone Planning Ltd., Social Planners
Burnett Resource Surveys Ltd. - Aerial Photography
Wessex Consultants Ltd., Appraisers
Peter Sanders, UBC Research Forest

The 1988 to present team included the following consultants at various stages:

abitat consultants ltd., Planners
Thompson, Berwick and Pratt, Architects
Michael Geller & Associates, Market Analysis
Strategic Development Services, Market Analysis
Bush Bohlman & Partners, Structural Engineers
Golder Associates, Geotechnical Engineers
Hunter Laird Engineering Ltd.
Underhill and Underhill, Legal Surveyors
Lock MacKinnon, Gibson, Fire Safety and Building Code Consultants
Ron Rule, Landscape Architect
E & J MacLeod, Landscape Design
Richards, Buell, Sutton, Legal Counsel
Timberline Forest Inventory Consultants
N. D. Lea Consultants Ltd., Traffic Engineers
Peat, Marwick, Thorne, Tax Consultants

16. What Happens at the End of the 99 Year Leases?

The Condominium Act says that the landlord (UBC) must either extend the leases at an agreed rate or buy out the improvements at full market value as if the lease had been extended.

An Arbitration process is included if there is no agreement on the rate of extension or the buyout.

17. When Will This Happen?

We have started site servicing and will be ready to tender serviced land by early 1990.

18. Is the UBC Real Estate Corporation Unique?

No. Many other universities around the world have used their real estate assets for profitable activities. Members of the Association of University Real Estate Officials are involved in land development, oil and gas exploration, airports, hotels, shopping centres, warehousing, condominiums, land leases, farming, parking lots and other real estate projects. This association has more than 100 members across North America. Canadian public universities such as Guelph

and York have very active programs designed to raise funds from their real estate holdings.

19. Will Hampton Place include Student Housing?

Hampton Place is the financial engine that will provide the necessary cash for the University to build student housing. The profits from selling ground leases will be used to build needed market rental apartments which in turn will provide ongoing income to the University. The Mission Statement and recent announcements confirm the University's commitment to build more student housing in the 1990's. Hampton Place will provide the "downpayment" to make this possible.

20. Will Hampton Place Encourage Innovation?

Yes. Through our Design Guidelines we are requiring architectural styles in keeping with the surrounding neighbourhoods in Point Grey. Within this conservative appearance, we will be encouraging use of the latest technologies and materials for fire prevention and energy efficiency. We are investigating garbage collection procedures that utilize re-cycling techniques. We have engaged one of the leading Building Code consultants to assist in state of the art construction approvals. Once we start design of our own apartment buildings, we will seek design, construction and maintenance systems that will optimize both the internal and external environments.

21. How have People Responded to Hampton Place?

The vast majority of people who have visited the information trailer or contacted REC want more information on buying or renting a home. This positive response has ranged between 80% and 90% of all contacts depending on the time period in question. As there are no specific plans or prices yet, we have developed mailing lists and most of these people currently live in neighbourhoods close to the University. Some people have identified themselves as UBC personnel, retired couples, "empty-nesters" or people who simply want to live close to U.B.C.

22. What Impact will Hampton Place have on Local Services?

As part of the design and approval process, independent computer models determined that sanitary sewer and water capacities are adequate and the storm sewer has already been upgraded to meet the needs. Similar analyses of traffic were confirmed through independent consultants. The Fire Chief has approved the design to date and will control the building permits for each structure to ensure standards are met. It is not expected that many school children will live here based on the demographics of the people who have asked for information about buying or renting, but we are discussing this with the local schools. Many of the students currently at the secondary school do not live in the area.

23. Is Hampton Place part of an overall Housing Strategy?

Yes. The 1982 Campus Plan showed student housing (Phase I) and Market Housing (Phase II) along Wesbrook Mall up to 16th Avenue. The 1982 plan on housing at Acadia Camp said "In economic terms, there is a desire to use income generated from the lease of portions of the market housing to fund and/or subsidize the rental housing." This same study quoted Sir Patrick Geddes (Botanist, Zoologist, Sociologist and Town Planner) as saying "A housing area should be merely the inhabited corner of a park."

Continued on next page

Hampton Place chronology

Chronology of Events - UBC Market Housing Project

June 2, 1981

Board created an ad hoc committee "to study all aspects of the current housing situation." (members appointed: 1 student, 1 faculty, 1 staff, 2 others.)

July 7, 1981

Approval in principle of report of this committee. This study covered the Acadia Camp area as well as the present site being developed out to 16th (Acadia Park) for a mixture of housing types.

January 26, 1982

Board resolved "That the Vice-President, University Services, be and is hereby authorized to proceed with Phase III of the planning process in connection with the Acadia area housing development proposal, namely, the development of Urban Design/Architectural Guidelines at a cost not to exceed \$30,000; and further, that authority be and is hereby granted to explore market housing alternatives that would be University use related."

May 3, 1982

Another student governor added to the Housing Committee.

July 7, 1982

"That the various proposals and recommendations contained in the report dated June, 1982, prepared by Waisman, Dewar, Grout, Architects and Planners entitled 'A Report on Housing at Acadia Park Prepared for the University of British Columbia' be and are hereby approved in principle; and that they be distributed to various groups on the campus who have a particular interest in university housing."

This is a major report on the subject of mixed housing and explicitly states that the area between Acadia Park and 16th Avenue be developed for "16th Avenue market housing (p. 25). Maps accompanying the report show these plans. The Acadia Camp student housing redevelopment was proposed also in this report. This plan was completed in 1989. The report planned for a mix of market housing, including townhouses and rental units in high-rises.

In very large measure, the development now under way represents the second phase of this complete 1982 plan. It paid close attention to appropriate living environments.

The third phase will involve the now abandoned day-care sites and other in fills. Note - it was recognized in this report that the trees would all have to come down.

The advisory design panel strongly supported this report (chaired by D. Shadbolt).

This report was made widely available including the Faculty Association. The report was placed with the UEL Tenants Society. There was an open meeting held in September 1982 and there was reporting in UBC Reports.

November 2, 1982

The campus development proposal was adopted in principle at an open session by the Board of Governors. This proposal incorporated the housing report previously adopted on July 7 and reinforced the approach that included market housing as part of the mixed housing strategy.

The market housing plan which is now being implemented was adopted in 1982. The student housing plan was adopted and much of it completed. A policy of housing 25% of the

students on campus was reiterated.

December 4, 1986

The original plan for market housing on the 16th and Wesbrook site as part of the mixed housing program was reviewed by the Board of Governors.

April 2, 1987

"The Board of Governors hereby authorizes preliminary planning for the Market Housing project - Wesbrook and 16th Avenue . . ."

July 9, 1987

It was reported to the Board that Clayton Research, Cornerstone Planning Group and Ernest Collins Architects had been retained to examine the planning issues and to examine the impact of the development in the context of the local community and as part of the on-going implementation of the original mixed housing strategy."

July 13, 1987

Vancouver Province editorial in support of University generating income from development of assets.

December 3, 1987

The Board received some of the above reports and authorized the university to proceed with development and to create UBC Real Estate Corporation to implement the market component of the mixed housing strategy.

March 24, 1988

Drs. David W. Strangway and K. D. Srivastava briefed A.M.S. Executive

March 29, 1988

A presentation was made to the Board in open session outlining Master Plan Guidelines and Regulations.

A second presentation was made in closed session regarding items such as costs and appraisals. The following approval was given: "The proposed master plan regulations and guidelines are hereby approved in principle for inclusion in a master agreement between the Real Estate Corporation and UBC; that a dialogue be opened between the university and anyone who may be interested in the development i.e.. the University Endowment Lands Administration, Ratepayers' Association, the Department of Municipal Affairs and the Department of Lands and Forests . . ."

These studies were distributed to the groups mentioned, discussions were held, and the results were published in UBC Reports.

June 2, 1988

The Real Estate Corp. (UBC REC) was formally established by motion of the Board and the UBC REC Board members named.

"That the Board of Governors approve in principle the leasing of up to 27 acres of campus land for a period of 99 years to the UBC REC, a wholly owned subsidiary of the university, for the development of market housing . . ."

The Board further directed that "it is the intention of the Board that any net income from the proposed development would be for capital fund purposes of the university or for endowment purposes."

Thus, by June of 1988, the Board had re-approved the 16th and Wesbrook plan for market housing already approved in June of 1982 as part of the overall mixed housing strategy.

Regular reports of progress have been given at subsequent Board meetings.

Following campus-wide consultation, on June 23, 1989, Fifth Draft of the Mission Statement and Strategic Plan was published by UBC Reports as a Special Report and was given wide distribution. There were a number of references to market housing in the Special Report including a statement on page one "We will continue to develop plans to seek financial returns from our land. The creation of the UBC Real Estate Corporation will enhance this. We have plans to develop 27 acres for market housing, ..."

1988-89-1989-90

Drs. David W. Strangway and K. D. Srivastava met with the AMS Executive, AMS Council and Graduate Student Society during 1988-89 and 1989-90 sessions. During our informal meetings, several issues were raised by the students, including the market housing project.

September 1988

President of UBC REC met with Administrator of UEL, Manager of Development Services for GVRD reviewing plans.

October 1988

President of UBC REC met with electoral area rep to GVRD; made presentation to UEL Ratepayers' executive.

November 1988

Meetings with City of Vancouver, UEL administrator

February 1989

Meeting with UEL administrator

May 1989

Mission Statement and Strategic Plan approved by Senate on May 17, 1989.

June 1989

Meetings with GVRD and Electoral A area rep, GVRD park planning administrator to review plans.

Mission Statement and Strategic Plan approved by Board of Governors on June 8, 1989. This document was the product of over three years of discussion and consultation at UBC.

There are a number of references to the market housing concept in the Strategic Plan. In particular, page fifty-four contains the following paragraph: "A master plan was developed between 1979 and 1982, which laid out development rules and recommendations for the campus, indicating that the existing academic core can be developed more densely. An 11 hectare parcel of land on the corner of Wesbrook and 16th Avenue is planned for development as market housing without endangering foreseeable future needs for academic purposes.

To this end, the university has formed a subsidiary company to develop the land, providing over 600 living units on long term leaseholds, providing an annual return in excess of \$4 million."

Following is the distribution list for the Mission Statement and Strategic Plan:

Faculty and Staff - 6412
B.C. MPs - 28
B.C. MLAs - 43
UBC Board of Governors - 15
UBC Senate - 88
Canadian University Presidents - 36
Canadian daily newspapers - 60
B.C. daily newspapers - 25
Lower Mainland, radio, TV, weeklies, magazines - 59
B.C. Deputy Ministers - 19

B.C. Community College Presidents - 13
Alumni Association Executive - 5
Premier's Advisory Council on Science & Technology - 10
Major Donors and Wesbrook Society - 575
Consul Generals - 24
Spinoff Companies - 73
Corporate - Higher Education Forum (CEOs) - 60

Total distribution - 7633

July 1989

Letter from GVRD on interface with Pacific Spirit Park giving support for the way the project was being done.

August 1989

Meeting with R.C.M.P., Fire Department, UEL Information Trailer opened. 14,000 copies of 4 page information insert distributed to campus and to residents of UEL and surrounding parts of Vancouver explaining the project and its underlying purposes including production of more rental housing and providing a means for the University to fund additional capital and endowment projects.

The opening of the third phase of Acadia Camp housing marked the completion of student housing projects started in 1984 which, in addition to replacing inadequate housing, have added 1,000 additional units of accommodation for students at UBC at a cost of \$36.5 Million, all as part of the original mixed housing strategy.

On-site meeting with MLA Tom Perry (August 31); John Turner's representative; presentations to AMS Council, Faculty Association Executive.

September 1/89

Site clearance starts.

September 1989

Presentation to newly formed West Point Grey Residents' Association; UEL Ratepayers' Executive; UEL park committee representative and to many individuals.

Phone calls and visitors continue to come in (now 10 a day) and are 90% in favour of project. There have been hundreds of calls and letters most of which have been answered or are being answered.

September 12/89

UBC/REC Information Trailer burned.

October 1989

Slash-burning underway. University apologized for the inconvenience of the smoke. Meeting with MLAs Marzari and Perry.

November 8, 1989

Met with Arts Undergraduate Students on University issues (including real estate)

November 14, 29

December 11, 12

Meetings scheduled with faculty to discuss the state of the University including the development project.

November 15

President meets with MLA's for the region

January 1990

Basic site services expected to be completed. Landscaping program will continue through 1990.

THE DISABILITY CENTRE DRAFT REPORT



MISSION

The establishment of The Disability Centre is an important objective of the University of British Columbia. The Centre will seek to ensure that the University fosters an environment in which concerns of persons with disabilities are addressed at all levels. Specifically, the Centre will work to ensure that persons with disabilities, whether they be students, faculty, staff or visitors, be given equal access to benefit from all the University has to offer. The Centre will channel important leadership resources back into the community in terms of education, awareness and research.

The services provided by the Centre will address the areas of access, advocacy, services, and research. These services will, in turn, assist persons with disabilities to participate fully in the learning, teaching, research, social and cultural functions of the University. It is intended that the Centre will become a prototype for other post-secondary educational institutions in Canada and worldwide as they, too, attempt to foster an environment which is fully accessible to, and supportive of, all disabled persons.

INTRODUCTION

The challenge now faced by post-secondary educational institutions is to be able to provide the opportunity for disabled students, faculty, staff and visitors to participate to the best of their abilities through a barrier-free environment. The University of British Columbia has responded to this challenge by placing a high priority on the creation of a barrier-free campus environment and on ensuring that the University becomes a leader in integration and advocacy for persons with disabilities.

The issue of University accessibility requires action to remove physical and attitudinal obstacles facing people with disabilities. It is essential that UBC develop a comprehensive plan to ensure that all disabled students, faculty, staff and visitors can fully participate in the learning, teaching, research, social and cultural functions of the University.

The numbers of post-secondary students with physical, sensory or learning disabilities are increasing annually, as are the numbers of faculty and staff who have disabilities. This increase is partly a reflection of changing societal attitudes to disability, partly the result of the mainstreaming efforts at the elementary and secondary school levels, and partly a consequence of informal informational networks which convey an accessibility message.

There are strong indicators that the numbers of persons with a disability who wish to pursue higher education will escalate in the next decade. First, the average age of University students is increasing and will continue to increase with the proportion of elderly in the population. As well the probability of acquiring a disability increases with age. Second, there is an increase in the number of people surviving accidental injury who desire to pursue self-fulfillment and independence. Third, technological aids are becoming increasingly sophisticated, particularly in the application of computers to assist severely handicapped persons to receive and transmit information.

U.B.C. has accomplished much in the past decade to accommodate the needs of students with disabilities. However, students, faculty, staff and campus visitors with disabilities still face many physical, attitudinal and other barriers which impede full participation as members of this campus community. There are numerous overt and covert restrictions at UBC which create unnecessary difficulties for people with physical, sensory and learning limitations. Such restrictions include: limited opportunities to make use of recreational and cultural facilities and programs; insufficient coordination of information; and limited entrance into a number of academic and professional programs.

In accord with the mission of the University, to offer excellence in teaching and research, the goal of U.B.C. through the Disability Centre is to set an example of excellence in adjustment and accommodation which reflect the needs of disabled members of the University community and the community at large; to be an advocate on behalf of the rights of persons with disabilities; to conduct research into disability-related issues; and to provide resources for the community in general. Fulfilling these objectives will be beneficial to students, faculty, staff and members of the general public. The Centre will work toward and facilitate the achievement of these goals. This is a large and complex task and one that will not be achieved overnight. The first three years will be the beginning of a long and progressive journey.

The Centre will be actively promoted across Canada and eventually worldwide in an attempt to encourage universities and other post-secondary educational institutions to adopt and/or adapt this model.

MODEL

Four components make up the model:

1. Services

The Centre will coordinate services for all disabled members of the University community. It will also act as an information resource centre on disabilities for the University and the community at large.

Some examples include:

- Recruitment, admission, registration and orientation assistance
- Acquiring, administering and co-ordinating the use of technical resources and assistive devices;
- Ensuring the availability of human resources i.e. tutors, interpreters, notetakers, personal care attendants, etc.
- Assistance with peer counselling and self-help groups;
- Facilitating student related self maintenance such as housing, transportation on and off campus, finances, and employment;
- Providing health-related information including self-care activities.
- Developing a disability-related information resource centre for use within the University and the community.

2. Access

The Centre will facilitate physical accessibility in making the University barrier-free. Architectural access addresses the needs of all people with a disability to move without hindrance into and within buildings, between buildings and on walkways and avenues. Also to ensure that building interiors are functionally accessible.

Some examples include:

- Developing in accordance with respective campus departments a plan to prioritize accessibility requirements in existing buildings;
- Facilitate the use of barrier-free design in both proposed and existing buildings;
- Assistance in sourcing funds to renovate existing buildings making them barrier-free;
- Provide lobbying and encourage innovative concepts for improvement in accessibility.

3. Advocacy

The Centre will be involved in advocating on behalf of disabled students, faculty and staff both on and off campus. In addition, the Centre will seek to promote and develop a University environment characterized by an enlightened view of, and accepting attitude toward, persons with disabilities through awareness initiatives.

Some examples include:

- Development of strategies for positive attitudinal change toward persons with a disability;
- Investigate the issue of time limitations which can hinder the participation by students whose rate of progress is slowed by their disability;
- Encourage faculties and schools to offer students the opportunity to gain the ability to apply their specific knowledge and expertise to issues relating to persons with disabilities;
- Encourage networking and participation of faculty members within the Centre
- Conduct disability specific orientation sessions for staff and faculty to assist in the understanding of disabilities;
- Host symposia, conferences and seminars on disability-related issues;
- Facilitate the inclusion of disability issues in sport, recreation and cultural activities.

4. Research

The Centre will facilitate collaborative and individual research projects associated with disability-related issues (theoretical, technical and applied).

Some examples include:

- Assistance in finding sources for funding of research;
 - Providing letters of support for research projects;
 - Providing information on current disability-related research being conducted internationally;
 - Supporting research information exchange through contacts with professional and lay organizations (local, national and international);
- In addition to the above mentioned areas, supplemental programs will be initiated by the Centre. One example is the Employment Equity Program. Staff of the Centre would work with U.B.C.'s Employment Equity Task Force and provide information to other employment agencies. Information provided would include: availability of support services, medical and safety issues, accessibility to the work place, and funding and technical support available.

FUNDING

Over the period of two years (1989 - 1991), the financial objective will be to establish an endowment fund of \$6 Million. The annual net interest accrued from the endowment fund will provide the Centre with its core operating budget. Services and programs will be implemented on a priority basis as funding is acquired to ensure that the Centre will be operational within the proposed timelines.

Total self-funding of the Centre is key to the initiative. It is not the intention of the Centre to

draw upon funds from other UBC faculties and programs. The endowment fund will be generated from the following sources: 1/3 federal government; 1/3 provincial government; and 1/3 from the private sector. The University will continue to finance existing programs supporting disability (i.e. Coordinator of Services for Disabled Students); additional funds for supplemental programs (such as an Employment Program) will be secured through additional funds from government, granting agencies, and the private sector.

ADVISORY COMMITTEE

To date, two interim Advisory Committees have been formed. The first committee was established during the Feasibility Phase of the Centre's development. The second committee for the Planning Phase, is presently being formed.

Upon completion of the Planning Phase and implementation of the Centre a permanent Advisory Committee will be established to oversee Centre policy and manage the activities of the Director. The Advisory Committee plays an integral role in the Centre by providing direction, networking within and outside the University, and ensuring the objectives and goals of the Centre are always kept in sight.

Committee members presently include University administrative officers and faculty and members of the disabled community. The permanent Advisory Committee will also include representatives from the above, as well as representatives of the government and private sector. The incumbent of the Rick Hansen National Fellow will act as Chairman to provide continuity and synergy between the Fellow and the Centre.

PERSONNEL

The success of the Centre will depend upon the quality of its staff. It is recommended that the Centre be headed by a qualified and professionally respected full time Director. There will be four full-time Coordinators (one in each of the four components: services, access, advocacy, and research) who will report to the Director and be responsible to their specific area. Specialists in disability-related areas and office support staff will also be employed.

The Director in consultation with the Centre's Advisory Committee will develop job descriptions and hire qualified staff made up of disabled and non-disabled individuals alike.

As the services and programs of the Centre are initiated based on priority and funding availability, staff members will be added as necessary.

CENTRALIZATION

The four components of the model, as previously described, are closely interrelated and many functions overlap to varying degrees. The Centre staff will need to form a highly functioning team to facilitate programs and services. To ensure efficient and continued communication exists, the Director, Coordinators and staff must be located in one central area.

NETWORKING

The Centre will continue extensive networking with U.B.C. students, faculty and staff; all levels of government; organizations of and for persons with disabilities; the private sector; and the general public. This partnership is critical to the success of the Centre.

The Centre will not duplicate existing services or programs at U.B.C. or within the community but will support their continued growth and development where need is demonstrated. By combining information and resources with the expertise of the University synergy will be created.

Continued on next page

THE DISABILITY CENTRE OPEN FORUM

Rick Hansen, Consultant to the President (Disabilities) and the Disability Centre staff would like to invite you to attend an open forum to discuss The Disability Centre Draft Proposal.

WE WELCOME YOUR INPUT

Ask questions, offer feedback and suggestions, etc..

DATE: Thursday, December 7, 1989

TIME: 12:30 - 1:30 p.m.

LOCATION: SUB Meeting Room 125
Main Floor

IMPLEMENTATION

The time frame is to establish the Centre on an interim operational basis by June 1990 and to be fully operational by September 1991.

Services and programs will be implemented on a priority basis as funding is acquired to ensure that the Centre will be operational within the proposed time frame.

RESPONSIBILITIES

In accordance with the above recommendations, the Director is responsible for the establishment, development and the implementation of a model that ensures the service, advocacy, access, research and community work of the Centre. Both long term planning and short term project-oriented approaches will be required to deal with accessibility issues in order to develop desirable changes and programs in collaboration with appropriate members of the university community.

It is recognized that the University of British Columbia has already initiated services and programs that enhance the ability of disabled students, faculty, staff and visitors to participate in the University environment. The Centre will not duplicate existing services and programs at U.B.C. or within the community but will support their continued growth and development where need is demonstrated. In addition, the Centre will focus on areas of need that have not yet been met.

The Centre will focus on fourteen areas of immediate concern:

1. Accessibility Plan and Action

An architectural plan is required which ensures that students and faculty have access to all learning, teaching, research, social and cultural functions of the University. Architectural access addresses the needs of all persons with a disability to move without hindrance into and within buildings, between buildings and on walkways and avenues. Also to ensure that building interiors are functionally accessible. Such issues as the weight of doors, raised markings on elevators and offices, and audio enhanced lecture halls are examples of architectural features that must be addressed. The building code makes provision for minimal accessibility features. It behooves a university to go beyond the minimal standards such that no design features handicap people who have physical, visual, auditory or learning limitations.

2. Recruitment, Admission, Registration and Orientation

The Centre will review the current information dissemination practices of the University and act to ensure that potential students can access necessary information about university attendance and sources of funding. Such information must be available in a variety of formats satisfying the needs of people with sensory impairments. The Centre will work with the University and its faculties to alter admission and program requirements which currently pose unnecessary barriers to otherwise qualified students with disabilities. In addition, the Centre will seek innovative ways to facilitate in collaboration with appropriate departments, the registration and orientation processes.

3. Interpersonal and Attitudinal Issues

People with disabilities face many attitudinal barriers. A special purpose of the Centre will be the investigation of attitudinal change strategies both for persons with a disability, and for non-disabled members of the campus community.

4. Academic Aids, Adaptations and Resources

Research is required into the quality and quantity of available technical and non-technical aids and adaptations for learning. The availability of human resources for those people who require notetakers, interpreters, tutors, personal care attendants and educational materials in accessible format is also of concern. Responsibility for monitoring resource demand and supply, and technological advances applicable to facilitation of learning, is to be assumed by the Centre's staff. A technical aids and equipment maintenance and repair centre will be established.

5. Program Access

Completion of academic and professional programs present unique difficulties associ-

ated with varied disabilities. Modification of course requirements and procedures required to meet standards will assist students with disabilities with their studies. This issue requires research, clarification and policy formation. It is not the intention of the Centre to dictate to or interfere with the autonomy of U.B.C. faculties and schools but to assist and encourage program access.

6. Counselling

U.B.C. has a student counselling service which should meet many counselling needs of students with disabilities. However, there are some special needs which are best met through self-help groups. The Centre staff will encourage and assist peer counselling and self-help groups to become accessible to all students with disabilities.

7. Student Related Self Maintenance

The Centre will develop, in cooperation with appropriate U.B.C. departments, innovative solutions to alleviate the crises faced by many students in areas of housing, finances, and transportation. ie. transportation to and from campus as well as within campus.

8. Temporal Issues

Time limitations to complete some programs exclude the participation of students whose rate of progress is slowed by limitations caused by their disabilities. The issue warrants research, classification and policy formation. Again, it is not the intention of the Centre to interfere with the autonomy of U.B.C. faculties and schools. The Centre will provide, wherever possible, information and guidance related to innovative and effective means of accommodating disability while maintaining academic standards.

9. Social, Cultural, and Recreational

The extent to which social clubs, societies and general academic, cultural, sport and recreational activities are accessible to people with disabilities is not currently known, although there is evidence that there are significant problems. Similar to the other access issues, research is required and specific solutions must be found to eliminate deficiencies. The Centre will facilitate data collection, analysis and, where appropriate, assist with access.

10. Curriculum Development

The Centre will work cooperatively with appropriate faculties and schools to ensure that students gain the ability to apply their knowledge and expertise to issues relating to persons with disabilities.

11. Health-Related Issues

This category includes self-care activities which may be part of the person's daily routine requiring privacy or rest, crisis intervention procedures and safety measures. Utilization of physical and mental health services by campus members with disabilities also requires investigation. The Centre will facilitate data collection, analysis and where appropriate, assist with access to services.

12. Development of Appropriate Technology

The University has utilized capabilities to develop technology specifically to serve the needs of people with disabilities. Yet, there remain many identifiable needs of students, faculty, staff and the general public. The Centre will foster a dialogue among users and researchers, and will actively promote development work in this area.

13. Employment of Persons with Disabilities

Increased emphasis on research of employment-related issues concerning persons with disabilities is needed. Employment equity on the U.B.C. campus in relation to disabled faculty and staff members is an immediate concern of the University and government. Strong efforts must continue to ensure that persons with disabilities have access to a barrier-free employment environment on campus. The Centre will facilitate research related to disabled person's employment equity and, where appropriate, assist faculty and staff with the attainment of UBC's employment equity objectives. In addition, appropriate data collection and follow up will be initiated on the progress of students with disabilities in their effort to seek and attain employment after graduation.

14. Networking within the University and the Community

The Centre must seek to become a credible, integral part of the community and province. To achieve this objective the Centre must

continue to network within the University, the community at large, the private sector and governmental departments and agencies. Networking can be accomplished in a variety of ways including: involvement in the evaluation process and publicizing and announcing the achievements and progress of the Centre.

SUMMARY

During the past year numerous individuals and groups have expressed their concerns regarding post-secondary education in relation to disability. Fourteen areas of immediate concern were identified and described in the body of this report. The Consultant to the President on Disabilities has outlined a plan to address these concerns through the establishment of The Disability Centre at the University of British Columbia, which would be responsible for service, advocacy, access, research and dissemination of information. Such a Centre, provided with sufficient and continuous funding and qualified personnel, would accomplish the goal of a barrier-free and fully integrated environment for all citizens who wish to have access to UBC.

IMPLEMENTATION

The following implementation sequence is recommended:

1989-90 - FEASIBILITY AND PLANNING PHASES

- * Appoint Consultant to the President (Disabilities)
- * Allocate space for Consultant and Disability Centre
- * Conduct a study to determine the feasibility of creating a Disability Centre (8 months);
- * Appoint a Feasibility Phase Advisory Committee
- * Discuss Centre and receive input from meetings held with:
 - UBC Vice Presidents, Deans, Senate, Board of Governors, faculty, staff, and students
 - Provincial and local organizations of and for persons with disabilities
 - Municipal, provincial and federal governmental agencies and departments
- * Appoint a Planning Phase Advisory Committee
- * Implement Centre Planning Phase (6 months)
- * Define organizational and academic structure of Centre
- * Secure funding and additional support staff

1990 - 1993 - IN OPERATION

It is recognized that to initiate and implement the services and programs of a fully operating Centre is a large and complex task

which will take many years to accomplish. During the first three years the Centre will seek to begin implementation and initiation of the following programs and services:

- * Appoint Centre's Director
- * Appoint Coordinators for the Centre
- * Hire additional staff
- * Move office to temporary trailer space.
- * Establish disability resource library in conjunction with UBC library personnel. The resource library will include print material and a computerized database system with capacity to link with other disability database networks in Canada.

1990 - 1993 - IN OPERATION cont.

- * Establish links between the Centre and pertinent campus services such as Physical Plant, Registrar's Office, Student Counselling and Resource Centre and Student Health to identify needs and to collaboratively establish plans to decrease barriers or to implement new programs.
- * Establish liaison with every faculty, department and school and determine needs for assisting students with disabilities to enter and successfully complete programs
- * Identify numbers of people with disabilities on campus and determine individual accommodation needs
- * Track the academic careers of students with a disability and institute a system for follow-up
- * Establish feasible solutions to the previously mentioned accessibility issues and begin implementation
- * Monitor and evaluate the implementation of all accessibility issues
- * Determine research needs and foster interdisciplinary research programs
- * Design and implement educational and attitudinal change programs
- * Provide technical aids and information resources to faculties, schools and departments to facilitate admission and achievement of students with disabilities
- * In coordination with Student Counselling Services, implement a variety of peer counselling and self-help groups
- * Establish a big brother/big sister system to encourage senior students to teach coping strategies to freshmen
- * Determine the details of crises in housing, finances, transportation and employment and seek innovative solutions to resolve the problems
- * Develop an evaluation process for the Centre, both internally and externally.
- * Publicize advances in accessibility and research findings
- * Develop international and national symposia to provide a forum for research presentations and information exchange.

THE CENTRE NEEDS A NAME - PLEASE HELP!

THE DISABILITY CENTRE has been used as a working name for the past six months. It is now time to choose a name that will reflect the objectives and goals of the Centre and we would like to request your input.

During the feasibility phase of the Centre many names were suggested. Please indicate the name you prefer and return this ballot by mail or in person to:

The Disability Centre
Room 200, Brock Hall
1874 East Mall
Vancouver, B.C. V6T 1W5

The Disability Centre _____

The Accessibility Centre _____

Centre for the Disabled _____

The Ability Facilitation Centre _____

The Ability Centre _____

Other: _____

Thank you for your input.

Hampton Place information widely available: Strangway

By JO MOSS

UBC President David Strangway says he is concerned about the controversy generated by Hampton Place—the university's market housing development at 16th Avenue and Wesbrook Mall—but the university plans to proceed with the project.

"I do have some concern about the perception that the public was not involved," Strangway said. "The information on Hampton Place was widely circulated and it is part of a long-standing plan that goes back to 1982. There has been no ambiguity about what we were going to do with this piece of property since 1982."

Strangway said the university has been very open about the development from the beginning. "We've certainly been open with the media and with individuals. There have been lots of one-on-one meetings and no secrecy in any sense," he said.

Questions about public consultation in the development proposal is one of several issues that some groups have taken the president to task over. Some of the concerns were aired at a recent public forum sponsored by UBC's Alma Mater Society. About 120 people, including students, faculty members and local community residents, attended the meeting Nov. 7.

The following were some criticisms:

- Student and faculty housing needs are being ignored at a time when there is a shortage of affordable housing.
- There was not enough known about the impact on the environment.
- The 28-acre property was clearcut and slashburned.
- The impact Hampton Place will have on the local community and community services.
- Publicly funded institutions have no business developing public lands for profit.
- The university was described as an insensitive corporate citizen.

Strangway, who did not attend the meeting, said developing university-owned land to generate revenue is not a new concept in Canada and has been undertaken in the U.S. for some time.

"When I look at the number of universities in North America involved in these types of activities, I find it a little surprising to question why it would be inappropriate for us and appropriate for so many others," he said. "However, there are people who feel the university shouldn't be involved in this activity at all, and I understand their concern."

More and more, universities are looking at innovative ways to raise revenue to maintain high-quality education, he added. "I would argue that we are trying to ensure that we are a first-rate university and provide first-rate places for young people from all over this province from whatever background," Strangway said. "We are sensitive to those community concerns."

As a money-making enterprise, the 790 units at Hampton Place, when completed, will generate about \$3-million annually for UBC.

Strangway said part of the revenue from Hampton Place will allow the university to provide an increase in student housing. "We're committed to increasing our stock of student housing by another 1,500 units, but we can't do that unless we get some capital, and this is the only source I can see for that capital," he said.

A study is under way to review providing housing assistance for new

faculty members and to look at ways to provide mortgage assistance, he said.

In a recent poll by the UBC Faculty Association, 437 out of 614 respondents indicated they were dissatisfied with the university's consultation with the university community on developing Hampton Place. (There are 1,814 faculty members at UBC).

"A large number of our members are implicated and interested in the issue," said Margaret Csapo, association president. Faculty expressed concerns about the effect the development would have on the environment and local ecology, and the need for faculty housing, she said.

Mark Betteridge, president of UBC's Real Estate Corp., said comprehensive studies on the environmental and ecological impact of the site have been ongoing since 1982, as well as studies of its potential impact on areas such as local traffic and schools.

"With the height of the buildings, for example, our prime concern was that they not dominate the corner site or adjacent daycare facilities," he explained.

Site development calls for \$1-million to be spent on landscaping. "We want to incorporate a reasonable amount of green space," Betteridge said. He said surveys of the surrounding forest showed once the area was partially cleared, soil conditions and other factors would render remaining trees unstable and potentially hazardous.

"In some of the areas where we tried to preserve trees they have blown down in the last week."

The UBC Real Estate Corp.'s information trailer, currently located at Hampton Place, will close temporarily Nov. 29 and re-open at the end of January with a detailed display of the housing complex.

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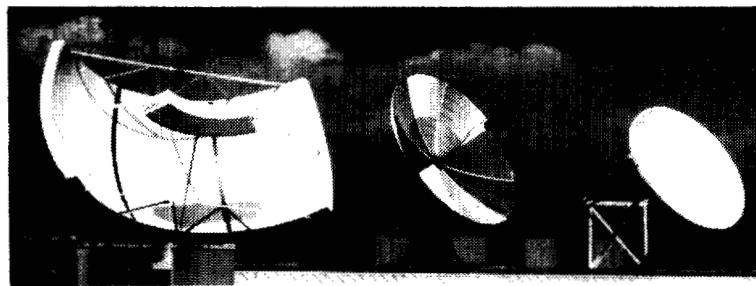
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Forum

Concerns about Hampton Place

By JOHN DENNISON

(John Dennison is a professor of Administrative, Adult and Higher Education.)

Although the timing is far from perfect, I would like to share some of my concerns about the market housing development to be known as Hampton Place. The issue is a complex one and I feel that it deserves more rational debate than has yet taken place.

I must begin with some "givens." There is no doubt that this university needs to supplement its present level of government funding if it is to fulfill its mission. Furthermore, I fully concede that to depend upon one single source for over 80 per cent of its operating and capital budget continues to leave this university in the highly vulnerable position which has been so damaging in the past. It is also fair to concede that the University Act grants sole authority to the Board of Governors with regard to the disposition of its land. No zoning restrictions, nor any requirement for public hearing respecting land use applies to the university.

Nevertheless, these are some "howevers." In my view, land granted to the university should be used to fulfill the primary purpose for which the institution exists, i.e. teaching and research. Put another way, an academic enterprise should utilize its resources for academic purposes. Of course, it must be acknowledged that a considerable portion of the land in any university is used for such facilities as parking lots, student housing, and athletic fields. This university has made substantial use of land for all of these purposes and it is not unreasonable to argue that each is related (or ancillary) to its academic function.

Under pressure, I can concede that the construction of housing units to be used as an incentive to attract outstanding young teachers and researchers is not inconsistent with my definition of acceptable use of land. However, I have great difficulty in accepting that high-quality housing, placed upon the open market under leasing arrangements, is at all consistent with my argument for appropriate usage. I understand that several enquiries about market housing have already come from professors, presumably in senior ranks. This news is interesting, fairly predictable, - and largely irrelevant.

My second concern is over the predicted annual revenue which will be generated by the development. Again, it is my understanding that assurances have been given that this additional source of income is government approved. I have no doubt that the administration has sought this assurance with proper care, and has accepted it in good faith. I simply cannot believe that successive governments, of any political stripe, will feel inexorably bound by this arrangement. I suspect that, if there is resistance by government to honor the plan, either of two things will hap-

pen. The revenue will be absorbed into the annual grants, or the other two universities in the province will pursue similar developments. The first result would be disastrous, the second outcome, to be consistent with my earlier argument, would be unacceptable. (There are, of course, other ways to make the university more financially independent, but that is another topic.)

Having explored these primary concerns, what can be said about the consultation process? As noted earlier, I concede that there is no obligation for the university to call a public hearing, or to engage in extended consultation with the outside community, near or far. Nevertheless, I suggest that the public relations aspect of this issue is not unimportant.

But what of the university community? Here the argument depends on how one views the governance question, or how one defines the "university." As is usually the case in Canada, this university operates under a bicameral governing structure in which, so the argument goes, the board assumes financial authority while the Senate exercises academic control (a format, by the way, which former President Bissell of Toronto once called "double innocence.") The point is, however, that if one sees land usage as having academic consequences, the boards' authority would hardly be absolute. The second point, the definition of what constitutes the "university" leads one to argue that many parties, the board, administration, faculty, staff, and students, collectively constitute the university and hence have a role in decisions which affect the academic enterprise. If one accepts this position, and not all do, the case for consultation becomes even stronger.

I would like to conclude with all my cards on the table. I have been at this university for over 30 years as a student and teacher and I feel "second to none" in my affection for it. It is not difficult to applaud the natural beauty of this site, but the remaining pockets of timbered green space are rapidly disappearing. Hence, I confess that a secondary concern about Hampton Place is aesthetic.

Finally, I have one more acknowledgement to make. I have been a resident of the Endowment Lands for 25 years and, indeed, serve on the U.E.L. Ratepayers Board of Management. The case could easily be made that my attitude to Hampton Place, as were my efforts to see the creation of Pacific Spirit Park, is much driven by self-interest. It is a fair charge and I recognize my vulnerability in this regard. I hope and believe that my views on this issue would be the same wherever I lived.



Dennison