

UBC REPORTS

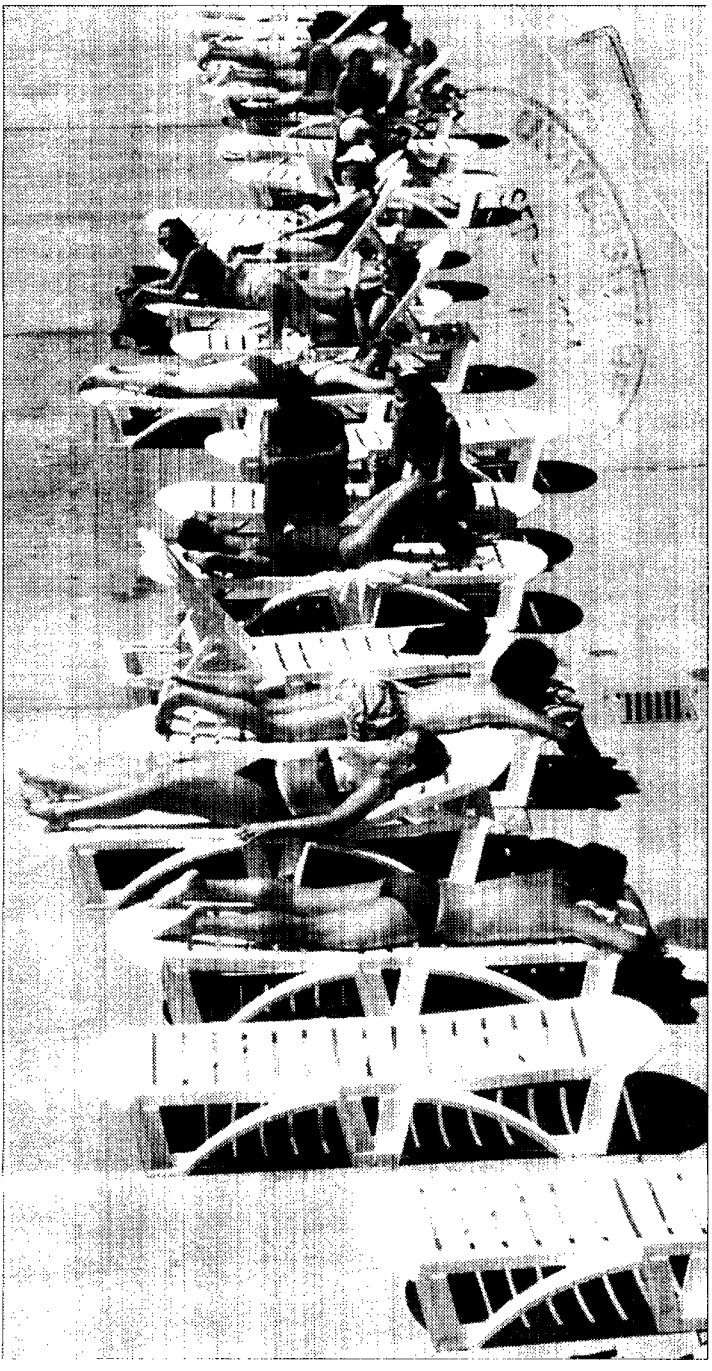
Volume 40, Number 13

August 11, 1994

Lounge Act

Sunbathers soak up the rays at UBC's Empire pool. The pool was the site of aquatic events at the British Empire Games, forerunner of the Commonwealth Games, held in Vancouver 40 years ago this summer.

Garvin Wilson photo



Report reveals UBC's impact on economy

by Abe Heffer

Staff writer

UBC's annual economic impact on British Columbia is estimated at \$2.3 billion, according to a report produced by the Office of Budget and Planning.

The \$2.3 billion represents more than three per cent of the province's gross domestic product and is significantly higher than the \$1.4 billion pumped into the B.C. economy by the forest and logging sector, excluding manufacturing.

The report is the first attempt to quantify the total economic impact of the university on the provincial economy. It includes returns to investment in university education resulting from higher incomes and levels of employment and productivity of university graduates, as well as a detailed analysis of both the regional economic impact and spillover effects on innovation, productivity and job creation.

"The economic impact of UBC is much greater than the sum of all its spending and employment," said UBC President David Strangway.

"UBC is a leader in innovation, productivity and job creation. The resulting links between UBC researchers and industry have enabled students to receive up-to-date undergraduate and graduate

training from highly skilled and dedicated faculty and internationally respected visiting scholars."

The most significant economic impacts, according to the report's author, Walter Sudmant, manager of Institutional Research and Planning in the Office of Budget and Planning, are from higher incomes, higher productivity, higher employment levels, innovation, and knowledge creation brought about by the research and teaching activities of the university.

The report indicates that UBC research accounts for 6,391 jobs and \$826 million in annual revenue, with 60 per cent of all research in B.C. being undertaken by the university itself. In addition, UBC's presence draws \$300 million in out-of-province revenue, creating 4,800 jobs.

"The average UBC graduate earns a minimum of \$11,500 annually in excess of probable earnings without their degree," said Sudmant.

"Studies show that the increase in income of a university graduate is greater than the total cost of their education. For every dollar that society invests in university education, \$1.72 is returned."

Copies of the report, *The Economic Impact of the University of British Columbia*, are available from UBC's Office of Budget and Planning at 822-6317.

Board approves standstill budget

by Connie Filletti

Staff writer

A continuing freeze on salaries of senior administrators and no provision for faculty and staff wage increases are among the steps taken to balance UBC's operating budget for 1994/95.

The \$341,554,000 budget, approved by the Board of Governors at its July meeting, reflects a cut of approximately one per cent, or \$2.2 million, in the university's base operating grant from the provincial government.

"Government has explicitly conveyed to us that they have not provided any funds for salary and wage increases for any employee group," said UBC President David Strangway.

"Our employees are stretched to the limit as a result of prior reductions and reallocations and reducing the workforce is not a viable option."

Currently, salaries and benefits account for 84 per cent of UBC's general operating expenditures. If a salary increase is awarded to any employee group, a corresponding reallocation would be necessary, Strangway said.

Salaries for the president, vice-presidents and associate vice-presidents will be frozen for the fourth consecutive year.

Increases for non-salary items such as supplies, equipment and professional development activities for faculty and staff also remain frozen at 1991/92 levels.

Good news includes the provision of approximately \$4.5 million by the province to support enrolment growth, of which the university will apply \$2.2 million to offset the cut in the base operating grant.

Forty-five per cent of the remaining \$2.3 million will be allocated to academic units, 30 per cent to graduate student assistance and 25 per cent to infrastructure costs.

The province is also providing a number of grants for designated purposes including \$1.2 million for teacher education and \$4.6 million to purchase academic equipment.

UBC will also receive, on a one-time basis, funds from the province's Skills Now initiative. The funds, equal to one per cent of the university's operating grant, or \$2.6 million, are to be used for productivity improvements.

Proposals under consideration are modular graduate courses in business, science and technology, help to non-tra-

ditional students, including disabled and First Nations students, environmental management, a new media centre focusing on technology in the classroom, and programs designed to improve employees' ability to operate effectively and efficiently.

The 1994/95 budget also provides for the continued protection against inflation of the library acquisitions budget which is up by \$452,000 or 5.7 per cent.

Tuition income was used to support rising fixed costs including hikes in utility rates of almost \$900,000 and \$3.2 million in benefits. Many of the benefit increases such as those for Workers' Compensation, Canada Pension Plan and Unemployment Insurance are mandated.

Year's revenue up \$40 million

UBC's financial statements for the fiscal year ending March 31, 1994 show that the total revenue for the university increased by \$40 million over the previous year to a total of \$710 million.

More than 50 per cent of the revenue came from provincial government sources compared to 11 per cent collected from student fees.

Additional revenue sources included other governments, sales and services, endowment donations, investment income and non-government grants.

Of the total revenue, \$352 million was allocated to the general purpose operating fund (GPOF) which supports the general operations of the university including academic and staff salaries, student services and continuing education.

The major funding sources for the GPOF were provincial government grants of \$269 million and credit tuition fee income of approximately \$60 million.

Submission Deadline

A reminder that written submissions on the report by Ray Spaxman on *Principles and Process: Planning for the University of British Columbia* should be sent to the UBC Community Relations Office, Rm. 207-6328 Memorial Rd., Vancouver, B.C., V6T 1Z2, by August 31, 1994.

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New institute will focus on hearing accessibility field

by **Gavin Wilson**

Staff writer

UBC has approved the creation of an Institute for Hearing Accessibility Research (IHEAR), which will be the first of its kind in North America.

The institute will be a centre for research and training in the field of hearing accessibility — the ability to understand the spoken word in all situations of everyday life — which is the major issue affecting people who are hard of hearing.

IHEAR was recently approved by the university's Senate and Board of Governors as an interdisciplinary research institute in the Faculty of Graduate Studies.

Little is known about the hard of hearing and late deafened people, who communicate by speech, although they make up about seven per cent of North Americans, said Prof. Charles Laszlo, acting director of IHEAR.

Most research to date has focused on the deaf, people who have a hearing disability and use sign language to communicate. They comprise about one per cent of the population.

"The consequences of hearing impairment are extremely complex and poorly understood," said Laszlo, who is also a professor in the Dept. of Electrical Engineering and a member of the group that spearheaded the institute. "UBC is in a unique position to establish pre-eminence in this field."

Laszlo said UBC can play a leadership role because of the research already under way here, the support of professionals and industry who want to participate in research and development, the support from the hard-of-hearing community, and Vancouver's world leadership in disability issues.

A unique feature of the institute is the involvement of the hard-of-hearing community, which was represented on the planning committee. It will continue to have a significant role to play in the operation of the

institute, Laszlo said.

The institute will capitalize on the broad spectrum of research related to hearing that already exists on campus in several departments and faculties. It will make it easier for researchers to set up multidisciplinary projects, share equipment, co-ordinate graduate students and apply for grants.

Some of the topics the institute will address include acoustical conditions, rehabilitation of the hard of hearing elderly, psycho-social issues, hearing aids and assistive listening devices and hearing ac-

cessibility in the workplace, schools and health care.

"The consequences of hearing impairment are extremely complex and poorly understood. UBC is in a unique position to establish pre-eminence in this field."

- Charles Laszlo

Immediate plans call for seminars where researchers can present their work. The institute will also build links with professionals from the health care system, industry, education, and other fields related to hearing issues.

Long range plans for the institute include

funding new interdisciplinary projects, organization of research conferences and workshops, sponsorship of scholarships for graduate students and support of stipends for visiting scholars.



Welcome Gift

John Chong photo

Vancouver Quadra MP Ted McWhinney, centre, visited the Museum of Anthropology July 28 on behalf of Heritage Canada to present funds for several major projects and training initiatives. The projects include \$13,500 to support an international conference on wet-site archeology scheduled for 1995; \$16,600 to extend the itinerary of the travelling exhibition, A Rare Flower: A Century of Cantonese Opera in Canada; \$34,050 to support a one-year internship in preventive conservation; and \$18,000 towards the museum's student internship program. McWhinney is joined by program co-ordinator Jennifer Webb, left, and museum conservator Miriam Clavir.

Card access, alarm system will improve campus security

by **Abe Heffer**

Staff writer

UBC is embarking on a long-term project to provide a Card Access and Alarm Monitoring System (CAAMS) for campus buildings.

The project will see the perimeters of buildings fitted with CAAMS devices such as card access controls, door locking/unlocking systems and monitors.

"CAAMS is a very sophisticated security system which allows for all kinds of control combinations, including pre-programmed door locking and unlocking," said John Smithman, director of Parking and Security Services.

"In addition, life will become a lot easier for those who have to

fumble through a large number of keys to gain access to different buildings on campus," Smithman said. "One card could be programmed to allow access to a number of buildings. Lost cards can also be deprogrammed, rendering them useless. The same can't be said for lost keys."

The initial phase of this project, which includes the installation of CAAMS facilities in the Museum of Anthropology and the University Services Building, will be completed by the end of October. The University Services Building's existing key card system will be integrated into the new CAAMS system.

"The final university-wide system may have more than 500 cardreaders, 30,000 cardholders

and 50 to 250 operator work stations. The work stations would allow individual departments to set up and change access privileges for card holders in their areas," said Smithman. "An operator work station in a security control centre is currently being installed at the Parking and Security Services building."

Parking and Security has also added a fourth bicycle to the campus bike patrol.

Highly visible bike patrollers cover more ground, more quickly, than walking patrollers, said Smithman. In addition, their speed and ability to go where cars cannot, shortens their response time to answer alarms and requests for assistance, he added.



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FACULTY EMPLOYMENT OPPORTUNITY
(Part-Time Secondment)


PROGRAM CONSULTANT, FACULTY DEVELOPMENT

The Centre for Faculty Development and Instructional Services is searching for an experienced faculty member with acknowledged superior teaching skills to join our team and to assist in developing new programs and overseeing current offerings. The part-time secondment is for the 1994/5 academic year, and the ideal individual will possess the abilities to work with peers in enhancing their teaching skills through individual and departmental consultation, through the development of educational seminars and workshops, through the writing of brief articles on teaching, and in other ways which fit that person's special expertise.

This ideal candidate will possess strong interpersonal skills, and the ability to form relationships with individual faculty members, with graduate students, and with committees. S/he will possess superior oral and written communication skills, and have taken courses or read extensively in the field of teaching in higher education. For the successful candidate, a departmental secondment will be arranged, with no costs accruing to that department.

The position is for 1 1/2 days to 2 1/2 days per week (depending upon availability) and runs from September 1, 1994 until March 31, 1995.

Please send a letter of application and a curriculum vitae to: Gail Riddell, Director, UBC Centre for Faculty Development and Instructional Services, Basement of David Lam Management Research Centre, 6326 Agricultural Road, Vancouver, B.C. V6T 1Z2 by August 31, 1994.

 **UBC REPORTS**

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UBC Reports welcomes the submission of letters and opinion pieces. Opinions and advertising published in UBC Reports do not necessarily reflect official university policy.

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Gavin Wilson photo

Summertime Blues

Jon Anderson of the band Paisley Suitcase sings for lunchtime crowds at SUB Plaza. The performance was part of a concert series sponsored by the Alma Mater Society.

Renovations under way to improve teaching space

by Abe Heffer

Staff writer

More than \$1.36 million has been set aside for a major renovation of Hebb Theatre, one of the university's major lecture halls, as part of UBC's ongoing program to improve and upgrade classroom space.

Renovations to the 450-seat lecture theatre will include improved acoustics, lighting, and wheelchair accessibility, a new public address system, new carpeting and podium, and a complete paint job.

The renovations, currently under way as part of improved plans for 1994/95, will be completed in September.

Since 1992, improvements totalling almost \$3 million have been made to audiovisual and media equipment and

classroom furnishings, including lighting, heating and air circulation systems, floor and wall coverings.

For 1994/95, a further \$400,000 has been allocated from the academic equipment fund to classroom maintenance needs, to go along with the Hebb Theatre renovations and the cyclical major maintenance annually undertaken by Plant Operations.

Full text of the Teaching Space Report is on Page 9

Under the direction of the President's Advisory Committee on Teaching Space, a classroom master plan will be developed as a means of ensuring that the university maintains and enhances classroom space in a systematic fashion.

Offbeat

by staff writers

Grace Wong's strawberry cheesecake is to die for. That's the opinion of the noted epicureans in the Faculty of Commerce and Business Administration who recently got together for the 1994 Summer Bakemeister Contest.

The Edgar Kaiser Forum in the David Lam Management Research Centre was wall-to-wall in custard and cream for the occasion, as faculty, staff and graduate students whipped up 13 creations, including Colleen (The Spicemeister) Colclough's Apple Spice Cake, Sandy (Peel Me Another One) Tanaka's Banana Split Pie, Maureen (Book 'em Dano) Gilchrist's Hawaiian Delight, and Izak (Turkish Delight) Benbasat's Turkish Chocolate Cake.

When all was said and done (and tasted), Assistant Dean Grace Wong received top honours for her strawberry cheesecake. Second place went to graduate student Moren Levesque for her Gâteau Mousse Cafe Creme et Chocolat, described as mouth watering. Third place went to marketing secretary Rosalea Dennie for her yummy Raspberry Berry Bountiful.

Faculty and staff also gathered to bid an adieu of sorts to Prof. Don Wehrung, who is stepping down as associate dean following a five-year term to devote his time to teaching and research. Wehrung was feted with the appropriately embarrassing 'Don Wehrung, This is Your Life' slide show, which was narrated by noted housing expert and part-time comic Stan (Shecky) Hamilton.

Exams reflect Asian cultural influence

by Gavin Wilson

Staff writer

UBC welcomes changes to the language curriculum of public schools recently announced by Premier Michael Harcourt, said Daniel Birch, vice-president, Academic and Provost.

Among other changes, B.C. schools will offer province-wide curriculum and exams for Mandarin 12 and Japanese 12 by June 1995.

"Given the tremendous importance of Asian cultures and languages to British Columbia, it is a welcome development that we allow more students in all school districts the opportunity to study these languages," Birch said.

Birch said he is also pleased that the education ministry will work with teachers to develop a province-wide curriculum for the courses, which are now developed locally.

The changes announced by Harcourt also mean that once exams are in place UBC will be able to include Mandarin 12 and Japanese 12 in grade point average calculations for admission.

Under a new UBC admissions policy that goes into effect in the 1995-96 academic year, grade point averages for admission will be calculated solely on courses that have provincial exams.

Until Harcourt's announcement, only European languages had such exams.

Asian languages will continue to fulfil UBC's language requirements and are accepted as appropriate credit for high school graduation and university entrance, Birch noted.

The Harcourt announcement followed calls from UBC, language teachers, parents, business groups and others for more choice in language instruction in B.C.

"It is good to see the provincial government responding to these expressions of concern," Birch said.

Harcourt also announced the development of a Punjabi curriculum and exam for the 1996-97 school year, mandatory second language instruction in grades 5 to 8, and extension of provincial exams to all languages for which there is a provincial curriculum — likely Cantonese and Vietnamese — in the near future.

Six UBC faculty elected to Royal Society of Canada

by Gavin Wilson

Staff writer

Six UBC faculty members are among 63 academics recently elected as fellows of the Royal Society of Canada.

The society was founded in 1882 to promote and develop learning and research. The newly elected fellows are outstanding representatives of fields such as film-making, business management, astronomy, literary criticism and history.

UBC's new fellows were chosen for their work in the fields of applied science and engineering, earth, ocean and atmospheric sciences, life sciences and mathematical and physical sciences.

Their election was announced June 8; they will be formally inducted Oct. 14 at a ceremony at Rideau Hall, the residence of Gov. Gen. Ray Hnatyshyn.

The new fellows from UBC are:

Prof. **Gordon Baskerville**, head, Forest Research Management Dept., whose research has added substantially to the understanding of the dynamics of development in forests and stands of trees.

Prof. **Martha Salcudean**, Dept. of Mechanical Engineering and associate vice-president, Research, who is an outstanding authority on numerical simulation of heat and mass transport in industrial processes.

Prof. **Ronald Clowes**, Dept. of Geophysics and Astronomy and director of the Lithoprobe program, who has pioneered the use of sophisticated seismic methods to reveal the complex underground structure of the earth's crust.

Prof. **Connie Eaves**, Dept. of Medical Genetics, a distinguished biological scientist who has contributed major insights into how blood cells are formed and how cell growth is regulated.

Prof. **Robert Hancock**, Dept. of Microbiology and Immunology and scientific director of the Canadian Bacterial Diseases Network, who is internationally known for his research on the outer membranes of a medically important pathogenic bacterium.

Prof. **Nassif Ghoussoub**, Dept. of Mathematics, who is recognized as a world leader in the geometry of Banach spaces and in non-linear analysis.



John Chong photo

In The Works

UBC President David Strangway, right, presented C.K. Choi with the architectural drawings of the C.K. Choi Building for the Institute of Asian Research. The presentation was made at a July 28 ground-breaking and tree-planting ceremony on the building site on West Mall. The projected completion date for the building is November, 1995.

Calendar

August 14 through September 10

Monday, Aug. 15

Biochemistry/Molecular Biology Seminar

Molecular Mechanisms Of a-Feto-Protein Gene Regulation. Dr. Jen-Fu Chiu. Copp Bldg. 2002/2004 at 3:45pm. Refreshments at 3:30pm. Call 822-3027.

Thesis Writing Seminar

Aug. 15-26. Two-week seminar designed to assist engineering graduate students with guidelines regarding the preparation of Master's theses, doctoral dissertations, and papers intended for publication, etc. Speaker: Donna Shultz. Civil/Mechanical 1304, from 9am-11am. \$100. Call 822-3347.

Tuesday, Aug. 23

Health, Safety, Environment Course

Two-day Laboratory Chemical Safety Course. Covers safe chemical handling, storage and disposal; lab inspections; emergency response. Includes half-day practical. Cost is \$200 for non-UBC participants. Chemistry B250 from 8:30am-12:30pm. Call 822-5909.

Tuesday, Sept. 6

Lectures in Modern Chemistry

New Reagents For Organic Synthesis: Preparation And Applications. Prof. Ed Piers, Dept. of Chemistry, UBC. Chemistry 250(South Wing), 1:00pm. Call 822-3266.

P.Eng Exam Tutorials

Professional Engineering Examination Preparation Tutorials. An evening tutorial series to assist applicants to prepare for APEGBC Professional Engineering examination. Civil/Mechanical 2205 from 6:30pm-9:30pm. Sept. 6, 13, 20, 27, Oct. 4. Call 822-3347.

Thursday, Sept. 8

Faculty/Staff Orientation

Campus Orientation For UBC Employees. Speakers: President David Strangway and others. Cecil Green House, Yorkeen Rm. No charge, refreshments provided. 8:45am-12pm. Call 822-9644.

Public Lecture

Fostering Sustainability. Dr.

Herman E. Daly, School of Public Affairs, U. of Maryland. IRC #2 at 8pm. Call 822-9150.

Coffee House

Women's Coffee House. Representatives of UBC's support network for women in attendance. Free child care, entertainment, free coffee and muffins, pub open for lunch. Students, faculty, staff welcome. Graduate Student Centre, Koerner's Pub from 11am-2pm.

Call 822-3203.

Asian Centre Lunch

Welcome Back Lunch. All persons interested in South Asia welcome. Report on Asian Centre's summer activities and the new term's programs. Light lunch served. Asian Centre 604 from 12:30-2pm. Call 822-2629.

Physics Colloquium

Random Fields And Spectroscopy.

A. Marshall Stoneham, AEA Technology, U.K. Hennings, 201. 4:00pm. Call 822-3853.

Thursday, Sept. 15

Plant Sale

Student Indoor Plant Sale. Three days, Sept. 15-17, Botanical Garden, Reception Centre from 12-5pm. Call 822-9666.

Notices

Student Housing

A new service offered by the AMS has been established to provide a housing listing service for both students and landlords. This new service utilizes a computer voice messaging system. Students call 822-9844, landlords call 822-8725.

Campus Tours

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

Disability Resource Centre

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

Women Students' Office

Advocacy/personal counselling services available. Call 822-2415.

Sexual Harassment Office

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

Basal Cell Carcinoma Study

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

Clinical Trial Dermatology

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

Psychology Study

Music/Mood Study. Comprising 2 one-hour sessions, booked 2 days apart. Participants will be paid \$20 upon completion of both sessions. Kenny Bldg. Rm. 1708. Call 822-2022.

Audiology/Speech Sciences Study

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

Statistical Consulting/Research Laboratory

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

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.

Nitobe Garden

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

Botanical Garden

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

UBC TRAINING/DEVELOPMENT

MOST (Managerial/Other Skills Training Program) is offering a series of courses to UBC employees in August. For locations and fee information call 822-9644.

- | | |
|---------|---|
| Aug. 16 | Conflict Resolution I: An Introduction To Win/Win |
| Aug. 17 | Writing Reports And Proposals |
| Aug. 18 | Stress Management |
| Aug. 30 | Strategic Planning |
| Aug. 31 | People With Disabilities In The Workplace |

UBC REPORTS

CALENDAR DEADLINES

Calendar items must be submitted on forms available from the UBC Community Relations Office, 207-6328 Memorial Road, Vancouver, B.C. V6T 1Z2. Phone: 822-3131. Fax: 822-2684. Please limit to 35 words. Submissions for the Calendar's Notices section may be limited due to space. Deadline for the September 8 issue of UBC Reports — which covers the period September 11 to September 24 — is noon, August 30.

Drugs fight diabetes-related nerve damage

by Connie Fillelli

Staff writer

UBC is one of several international sites involved in clinical trials testing drugs that may help treat one of the many complications associated with diabetes.

Alcar and FK 366 are investigational drugs, not yet generally available, which are being investigated to determine their effectiveness in treating the deterioration of nerves caused by diabetes or diabetic neuropathy. About four per cent of the population is afflicted with diabetes.

Often initially a painful condition affecting the legs and sometimes the upper extremities, diabetic neuropathy occurs mainly after the age of 30, and later involves nerves controlling body mechanisms such as sexual function in men, stomach emptying and blood pressure maintenance, said Dr. Donald Studney, an associate professor of Medicine and co-ordinator of the UBC trials.

Early symptoms of neuropathy are sharp shoot-

ing pains, tingling or burning sensations in the feet, especially in the late evening, he added.

Subtle signs of the disease, which may include stomach bloating, unusual sweating, chronic diarrhea and constipation, impotence and dizziness, begin appearing in 90 per cent of diabetics approximately 10 years after they first develop the illness, he added.

The investigational drugs act by entering the nerve and intervening in the deterioration process taking place in the nerve, Studney explained.

"This is done by inhibiting the excessive production of certain metabolic byproducts which are thought to be toxic to the nerves of diabetics," he said. "Both Alcar and FK 366 have shown positive results in preliminary studies and our multi-centre studies seek confirmation of the early work."

Studney, who will examine 40 diabetic volunteers aged 18 to 70 during the two-year study, believes that patients exhibiting early signs of neuropathy have

the potential to benefit most from the trials.

"It is a positive sign if patients are experiencing pain from diabetic neuropathy because it is a signal that the nerves are still functioning," Studney said. "Numbness means that the patient has reached an advanced stage of neuropathy."

This is the fourth clinical trial that Studney has participated in since beginning his research in neuropathy a decade ago.

Previous studies involving Sorbinol, another investigational drug, indicate that although it is effective in treating diabetic neuropathy, its side effects make it intolerable.

Studney advises diabetics to control their illness through exercise, diet and medications and to seek comprehensive care for and annual assessment of their condition from their physician.

He cautioned, however, that controlling diabetes will not necessarily control the pain which accompanies neuropathy.

"Generally, the better the control the fewer the complications and the poorer the control the



Dr. Donald Studney

Abe Heffer photo

more numerous and more severe the complications," Studney said. "Neuropathy symptoms, however, often occur in well-controlled diabetics and this capri-

ousness is frustrating to patients and their doctors."

Studney is encouraged by the spirit of voluntarism he has encountered during the past 10 years from diabetics who have participated in previous neuropathy research programs.

"It has been very satisfying to know that volunteers from across the province have wanted to contribute to the knowledge base we have and give us one more little tool to work with in our search for the cause of this debilitating condi-

tion." Anyone wishing more information about participating in the current trial may call 822-7509.



THE UNIVERSITY OF BRITISH COLUMBIA

Executive Compensation - Draft Policy

RESPONSIBLE: President

PURPOSE:

- to articulate principles for establishing compensation packages for the President and Vice Presidents of UBC;
- to provide for full disclosure of compensation for the executive officers of UBC.

POLICY:

The guiding principles of the compensation program for executive officers of UBC are:

Rationality: UBC establishes compensation levels which balance fair value for work with UBC's financial situation.

Equity: Compensation relates internally to the worth of a job as measured by skill, effort, responsibility, working conditions, and externally to market comparisons of similar jobs in similar institutions with which we potentially compete for staff.

Ability to attract and retain qualified applicants: UBC's compensation practices are competitive within the range and type of organizations from which it recruits.

Relation to performance: Where compensation is used as a means of acknowledging performance, performance measurement is based on clear, documented individual and organizational targets.

Compliance with legal obligations: Compensation practices comply with statutory obligations of the Employment Standards Act, the Human Rights Act and any other employment-related legislation.

Termination arrangements: In cases of termination from the University for cause, no notice or pay in lieu of notice is paid. When an executive officer is required to step down for any reason other than cause from that position, but exer-

cises the option to return to a position as a faculty member, librarian, or program director, no notice or pay in lieu of notice is paid. Terminations from the University for reasons other than cause are compensated in accordance with current legal values for executive termination.

Conflict of interest: Consistent with the Policy on Conflict of Interest, decisions on compensation are made in a manner to ensure that a conflict of interest will not occur.

Full disclosure: UBC makes regular and full public disclosure of the compensation of each executive officer.

PROCEDURE SUMMARY:

The compensation package for vice presidents of the University, based on the guidelines above, is recommended by the President to the Board of Governor's Management Resources and Compensation Committee for approval. The President's compensation package is dealt with directly by the Management Resources and Compensation Standing Committee.

Once approved, the compensation packages for each executive officer are published in the UBC reports for public information. The format for these reports is Appendix A of this policy.

DETAILED PROCEDURES:

To determine the appropriate compensation level, the jobs of executive officers of UBC are first evaluated by using a system which measures factors such as skill, effort, responsibility and working conditions, and then, based on the composite job worth, compares with jobs in B. C. organizations, and, where appropriate, with similar positions at other North American universities.

By using a standard format (see Appendix A), all elements of compensation are costed into the total, unless noted as



THE UNIVERSITY OF BRITISH COLUMBIA

August 11, 1994

Dear Colleagues:

We are developing policies on executive and management compensation.

These policies are to articulate the principles for establishing compensation packages for senior administrators at UBC, and provide for full disclosure in the cases of the President, Vice Presidents, Deans, Associate Vice Presidents, Registrar, Librarian and Vice Provost.

Please review them and send in your comments to Vice Provost Libby Nason.

Yours sincerely,

David W. Strangway
President

merely nominal in value.

The current legal value for notice upon termination without cause for executive officers (non-inclusive of vacation owed), applies to a maximum of twenty-four months. Factors considered as part of the guideline include age, employability and long service elsewhere. In addition, up to one year of out-placement counselling service is paid for by UBC. Arrangements for orderly transition of benefit coverage may be approved on an individual case basis by the President. Where there is an Board-approved contract, addressing termination arrangements, with an executive officer those contract conditions will apply.

Business expenses are governed by the policies on Travel (#83) and Entertainment (#84). See also Policy #97, Conflict of Interest.

DEFINITIONS:

Compensation means salary, other forms of cash payments (including stipends and allowances), vacation, leaves with pay, employer-paid benefits, loans, use of car, car allowances, housing, club memberships, tuition waivers, professional fees, and any other benefit received by an executive officer from UBC.

Executive Officer means President and Vice President.

MANAGEMENT COMPENSATION - Dean, Associate Vice President, Librarian, Registrar and Vice Provost Draft Policy

RESPONSIBLE: President

PURPOSE:

To articulate principles for establishing compensation packages for management officers of UBC.

POLICY:

The guiding principles of the compensation program for management officers of UBC are:

Rationality: UBC establishes compensation levels which balance fair value for work with UBC's financial situation.

Equity: Compensation relates internally to the worth of a job as measured by skill, effort, responsibility, working conditions, and externally to market comparisons of similar jobs in similar institutions with which we potentially compete for staff.

Ability to attract and retain qualified applicants: UBC's compensation practices are competitive within the range and type of organizations from which it recruits.

Relation to performance: Where compensation is used as a means of acknowledging performance, performance measurement is based on clear,

documented individual and organizational targets.

Compliance with legal obligations: Compensation practices comply with statutory obligations of the Employment Standards Act, the Human Rights Act and any other employment-related legislation.

Termination arrangements: In cases of termination from the University for cause, no notice or pay in lieu of notice is paid. When a management officer is required to step down for any reason from that position but has the option to return to a position as a faculty member/librarian/program director, no notice or pay in lieu of notice is paid. Terminations from the University for reasons other than cause are compensated in accordance with current legal values for similar level management terminations.

Conflict of interest: Consistent with the Policy on Conflict of Interest, decisions on compensation are made in a manner to ensure that a conflict of interest will not occur.

Public Disclosure: UBC makes regular and public disclosure of the compensation of each management officer.

PROCEDURE SUMMARY:

The compensation package for all management officers of the University, based on the guidelines above, is recommended by the President to the Board of Governors' Employee Relations Committee for approval.

Once approved, the compensation packages for each management officer are published in the UBC Reports for public information. The format for these reports is Appendix A of this policy.

DETAILED PROCEDURES:

To determine the appropriate compensation level, the jobs of senior managers of UBC are first evaluated by using a system which measures factors such as skill, effort, responsibility and working conditions, and then, based on the composite job worth, compares with jobs in similar B. C. organizations, and, where appropriate, with similar positions at other North American universities.

By using a standard format (see Appendix A), all elements of compensation are costed into the total, unless noted as merely nominal in value.

For management officers with administrative appointments, the guideline current legal value for notice upon termination without cause (non-inclusive of va-

cation owed), is four weeks of notice for each year of service to a maximum of twenty-four months. The entitlements are paid by means of salary continuance with provision for a 50/50 split of unpaid entitlement should the search for alternative employment be successful. In order to assist management officers in the search for alternative employment, appropriate out-placement counselling is provided. Arrangements for orderly transition of benefit coverage may be approved on an individual case basis by the President.

Business expenses are governed by the policies on Travel (#83) and Entertainment (#84). See also Policy #97, Conflict of Interest.

DEFINITIONS:

Compensation means salary, other forms of cash payments (including stipends and allowances), vacation, leaves with pay, employer-paid benefits, loans, use of car, car allowances, housing, club memberships, tuition waivers, professional fees, and any other benefit received by an management officer from UBC.

Management Officer in this policy means Dean, Librarian, Health Science Coordinator, Associate Vice President, Registrar and Vice Provost.



THE UNIVERSITY OF BRITISH COLUMBIA

MANAGEMENT COMPENSATION - Service Unit Directors Excluded from AAPS

Draft Policy

RESPONSIBLE: President

PURPOSE:

To articulate principles for establishing compensation packages for management officers of UBC.

POLICY:

The guiding principles of the compensation program for management officers of UBC are:

Rationality: UBC establishes compensation levels which balance fair value for work with UBC's financial situation.

Equity: Compensation relates internally to the worth of a job as measured by skill, effort, responsibility, working conditions, and externally to market comparisons of similar jobs in similar institutions with which we potentially compete for staff.

Ability to attract and retain qualified applicants: UBC's compensation practices are competitive within the range and type of organizations from which it recruits.

Relation to performance: Where

compensation is used as a means of acknowledging performance, performance measurement is based on clear, documented individual and organizational targets.

Compliance with legal obligations:

Compensation practices comply with statutory obligations of the Employment Standards Act, the Human Rights Act and any other employment-related legislation.

Termination arrangements:

In cases of termination from the University for cause, no notice or pay in lieu of notice is paid. When a management officer is required to step down for any reason from that position but has the option to return to a position as a faculty member/librarian/program director, no notice or pay in lieu of notice is paid. Terminations from the University for any reason other than cause are compensated in accordance with current legal values for similar level management terminations.

Conflict of interest: Consistent with the Policy on Conflict of Interest, decisions on compensation are made in a manner to ensure that a conflict of

interest will not occur.

PROCEDURE SUMMARY:

The Vice Presidents have the authority to conclude appointments for management officers covered by this policy, including compensation packages.

DETAILED PROCEDURES:

To determine the appropriate compensation level, the jobs of senior managers of UBC are first evaluated by using a system which measures factors such as skill, effort, responsibility and working conditions, and then, based on the composite job worth, compares with jobs in similar B. C. organizations, and, where appropriate, with similar positions at other North American universities.

By using a standard format (see Appendix A), all elements of compensation are costed into the total, unless noted as merely nominal in value.

The guideline current legal value for notice upon termination without cause for management officers (non-inclusive of vacation owed), is four weeks of notice for each year of service to a maximum of twenty-four months. The entitlements are paid by means of salary continuance

with provision for a 50/50 split of unpaid entitlement should the search for alternative employment be successful. In order to assist management officers in the search for alternative employment, appropriate out-placement counselling is provided. Arrangements for orderly transition of benefit coverage may be approved on an individual case basis by the President.

Business expenses are governed by the policies on Travel (#83) and Entertainment (#84). See also Policy #97, Conflict of Interest.

DEFINITIONS:

Compensation means salary, other forms of cash payments (including stipends and allowances), vacation, leaves with pay, employer-paid benefits, loans, use of car, car allowances, housing, club memberships, tuition waivers, professional fees, and any other benefit received by an executive officer from UBC.

Management Officer in this policy means Service Unit Directors excluded from the AAPS bargaining unit because of their management responsibility.

POLICY ON RELIGIOUS HOLIDAYS

RESPONSIBLE VICE PRESIDENT: Vice President Student & Academic Services

PURPOSE:

To enable students and members of faculty and staff to observe the holy days of their religions.

POLICY:

In constructing the academic calendar, UBC takes into account legal statutory holidays, days "in lieu" where appropriate, and days which it has agreed through collective bargaining to grant statutory holidays to members of faculty and staff, in determining days on which the University is closed or classes cancelled.

Recognizing the religious diversity of the UBC community, UBC permits students who are scheduled to attend classes or write examinations on holy days of their religions to notify their instructors in advance of the holy day of their wish to observe it by absenting themselves from class or examination. Instructors provide opportunity for such students to make up work or examinations missed without penalty.

UBC permits members of faculty and staff who are scheduled to work on holy days of their religions to notify their administrative heads of unit in advance of the holy days of their religion of their wish to observe it by absenting themselves from work. Administrative heads of unit

make efforts to accommodate such requests.

PROCEDURE SUMMARY:

Students are required to give two weeks' notice of their intention to absent themselves under the terms of this policy. *They shall notify the instructor of each course or, where this cannot be done, the Head or Director of the unit concerned.*

Administrative heads of unit, in trying to accommodate a request take into consideration financial costs, disruption of any collective agreement, work interruption, employee morale and, where safety is an issue, the magnitude of the risk and the identity of those who bear it. For administrative

staff, normally such requests are met by granting a day off without pay, or a vacation day, or the opportunity to make up the time.

Because the difficulties in re-scheduling work vary by unit, each unit will establish a reasonable requirement for advance notice by members of faculty and staff.

DETAILED PROCEDURES:

The Registrar's Office will distribute a multi-faith calendar to each administrative head of unit annually.

DEFINITIONS:

None

THE UNIVERSITY OF BRITISH COLUMBIA

Policy and Procedure Handbook addition

This policy was approved at the July 21 meeting of the Board of Governors and can be clipped and saved on page 77 of the newsprint edition of the 1994 Policy Handbook.

Reappointment of Retired or Retiring Members of Faculty

Policy #27 - Revision

RESPONSIBLE VICE PRESIDENT: Vice President Academic & Provost
Vice President Student & Academic Services

PURPOSE:

To delineate circumstances under which a faculty member/librarian may be appointed after the age of 65, while maintaining the policy of mandatory retirement at age 65.

POLICY:

It is recognized that many retired faculty members/librarians make important voluntary contributions to their disciplines, their departments and to UBC. These activities are done without a UBC appointment.

Under certain circumstances, members of the academic staff beyond retirement may be appointed to one-year term positions.

PROCEDURE SUMMARY:

Consideration of reappointments of retired faculty members/librarians may be given on the basis of the following principles:

- that there be no requirement to grant any appointment beyond age 65;
- that there be a specific benefit derived by the unit concerned;
- that such appointments not be in place of renewing the department

through the appointment of junior faculty members;

- that such appointments be made primarily for teaching/collection development duties, and occasionally for service on committees;
- that remuneration be commensurate with the services performed (eg. depending on the circumstances, teaching could be on a pro bono basis, or involve a salary ranging from very modest to the scale amount for lecturers);
- that no such appointment be for an academic administrator position;
- that the title used in these appointments reflect the current status of the individual (eg. Professor Emeritus, Associate Professor - Retired);

- that no payment be made for occasional honorific or voluntary duties (eg. chairing doctoral oral examinations, supervising graduate students).

DETAILED PROCEDURES:

All such appointments are recommended by the Head of Unit to the Dean/Librarian, to the Vice President for approval. Agreement in principle should be sought by the Head before any assurances are given to possible appointees.

DEFINITIONS:

None



THE UNIVERSITY OF BRITISH COLUMBIA

CASH HANDLING

Policy #119 - (revised) - Approved February 1989



THE UNIVERSITY OF BRITISH COLUMBIA

August 11, 1994

Dear Colleagues:

This is to advise you of procedural changes to established university policies which are being recommended for my approval.

The new draft language appears in italics for your review.

In considering the proposed changes, I would like to consider feedback from the campus community, and therefore invite you to send any suggestions for improvement to Vice Provost Libby Nason by September 10, 1994.

Yours sincerely,

David W. Strangway
President

PURPOSE

The purpose of this policy is to establish responsibility and describe the minimum requirements for cash handling.

RESPONSIBILITY

It is the responsibility of the Department of Financial Services to ensure that the policy requirements for cash handling are clearly documented and current.

It is the responsibility of faculty and staff who handle University funds to implement adequate procedures to ensure adherence to the policy requirements.

REQUIREMENTS

- University funds must be deposited into a University account administered by the Department of Financial Services.
- The full amount of cash received should be deposited *directly* into the appropriate bank account using a *Cash Receipt Direct Bank Deposit form* (see schedule A for specific instructions including donations deposits and deposits for Contract and Grant accounts). Cash receipts shall not be used for personal loans, cashing of cheques, making purchases, or for salaries, wages or honoraria.
- All cheques must be restrictively endorsed, i.e. "For Deposit Only to The University of British Columbia", immediately upon receipt. *The 10 digit FRS account number to be credited shall also be entered on the reverse side of the cheque.* Cash and cheques must be safeguarded at all times in a locked safe or other secure location. Cash must not be sent by mail.

***Section A: Use of Cash Registers
No change

Section B: Collection of Cash From
Coin-Operated Machines

As is, until...

REQUIREMENTS

- All departments that collect cash from coin-operated machines must maintain a control log of machine usage *by recording the reading of the machine meter, e.g. photocopy meter, at regular intervals (e.g. weekly).*
- The control logs of meter readings must be reconciled to the cash deposit for each machine. The reconciliation should be performed by someone who does not handle cash.
- A copy of the reconciliation should be attached to the *copy of the Cash Receipt Direct Bank Deposit form* sent to Financial Services - Cashiers. (See schedule A for specific deposit instructions.)

Section C: Sale of Course Material and
Tickets

As is, until...

- A copy of this reconciliation should be attached to the *copy of the Cash Receipt Direct Bank Deposit form* sent to Financial Services - Cashiers. (See schedule A for specific deposit instructions.)

Section D: Use of Petty Cash

As is, until...

- Purchases from the Petty Cash Fund should not involve items which are needed frequently. A *Blanket Purchase Order* issued by the Purchasing Department is more appropriate for repetitive purchases.
- Funds derived from any other source shall not be added to the Petty Cash Fund.

Section E: Use of Change Floats

No change

Section F: Use of 3-Part Receipt Books

As is, until...

REQUIREMENTS

- 3-Part Receipt Books must be used by those departments that do not use a cash register to record cash receipts. If a department has a need for a unique type of receipt, then approval is required from the Department of *Internal Audit* prior to its use. Specific procedures for the use of Receipt Books are printed on the cover.
- A receipt must be completed for any cash amount received. If a customer requests a receipt for payment by cheque or money order, a receipt can be issued. The receipt should note that it is in respect of a cheque or money order and not cash.
- All cash received must be deposited. To ensure that all cash receipt is deposited, a supervisor in the department must review the cash deposits and reconcile the total cash to the total of copy 2 of the 3-part receipt forms.
- The numerical continuity of copy 2 of the 3-part receipt forms must be controlled by the supervisor who reviews and approves cash deposits for accuracy and completeness.
- A suggested procedure for controlling the numerical continuity of 3-part receipts is as follows:
 - Record the FRS cash receipt form number on both copy 2 and copy 3 of the 3-part receipt form.
 - Use copy 3 of the 3-part receipt, which remains in the receipt book, as the numerical continuity control log.
 - All void receipts should be accounted for and retained in the Receipt Book.
 - Verify that each copy 2 is included in a deposit and that the correct FRS cash receipt form number is recorded on copy 3 of the 3-part receipt.
 - Initial copy 3 for every copy 2 included in the deposit.

See **CASH HANDLING** next page

Schedule A: Procedures for Processing Cash Receipts Including Donations
CANADIAN FUNDSDonations
Cash Receipts

- Receive a donation.
- Prepare a Donations Remittance Form (FG1 101).
- Endorse cheques "For Deposit to The University of British Columbia". The ten digit account code number to be credited shall also be entered on the reverse side of the cheque.
- *Complete Cash Receipt Direct Bank Deposit form and forward with the Donation Remittance to the Development Office.*

Contracts & Grants
Cash Receipts

- *If a deposit is made to a Contracts & Grants account, prepare a Cash Receipts Direct Bank Deposit form. Send your entire deposit (cash and cheques) and copies 1, 2 & 3 of the Cash Receipt form to the Contracts & Grants Section in Financial Services. Retain the remaining copies for your records.*
- *If a deposit to a Contract & Grants account requires a donations receipt, then the entire deposit should be forwarded to the Development Office instead of Financial Services.*

Other Cash Receipts

- Receive payment for goods or services.
- Prepare a receipt as required.
- Endorse cheques "For Deposit to The University of British Columbia". The ten digit account code number to be credited shall also be entered on the reverse side of the cheque.
- Prepare a *Cash Receipt Direct Bank Deposit form (UBC 10122 AF)*. Distribution of copies of the form should be as follows:
 - *Attach copies 1 and 2 with the cheques/cash and deliver it to the commercial teller at the SUB branch of Bank of Montreal. Off-campus departments can make arrangements through Financial Services to take their deposits to a more convenient branch of Bank of Montreal. If deposits cannot be brought to any branch of the Bank of Montreal, they may be brought to the Cashiers at Financial Services. If no cash is included in the deposit, the deposit may be sent via Campus Mail to the SUB branch of the Bank of Montreal. Mail is less desirable due to the delay in getting the deposit to the Bank.*
 - *Forward Copy 3 to Financial Services, addressed to the cashiers. This copy should be forwarded on the same day the deposit was delivered to the bank to ensure timely processing.*
 - *Retain the remaining copy(s) of the Cash Receipt Direct Bank Deposit form for follow-up (i.e. agree deposit to your FRS ledgers).*

U.S. Currency & Visa
Mastercard
Transactions

- Sort the funds into the following groups:

Group A: U.S. Coins
Group B: U.S. Dollars and Cheques
Group C: Visa transactions
Group D: Mastercard transactions

- *Complete the correct cash receipt form for each group as follows:*
 - Group A: *Cash Receipt- Direct Bank Deposit form. (see Schedule 1 for sample form)*
 - Group B: *Complete Cash Receipts- Direct Bank Deposit form for U.S. Funds. (see Schedule 2 for sample form)*
 - Group C: *Complete Cash Receipt form for all Visa transactions. (see Schedule 3 for sample form)*
- *Ensure that words "VISA- memo bank 18" is written or stamped on the Cash Receipt form.*
- Group D: *Complete Cash Receipt form for all Mastercard transaction. (see Schedule 3 for sample form)*
- *Ensure that the words "MASTERCARD- memo bank 17" is written or stamped on the Cash Receipt form.*

- *Distribute the copies as follows:*
 - Group A: *Forward the coins and copies 1 and 2 of the Cash Receipts- Direct Bank Deposit form directly to the Bank of Montreal - SUB branch. Forward copy 3 to Cashiers at Brock Hall. Retain the remaining copies for your records.*

Group B: *Forward the Cash/Cheques directly to the Bank of Montreal - SUB branch together with copies 1 and 2 of the Cash Receipts Direct Bank deposit for U.S. funds to the bank. Forward copy 3 to Cashiers at Brock Hall. Retain the remaining copy for your records.*

Group C and D: *Forward white copy of Cash Receipts form to Cashiers at Brock Hall. Retain the remaining copies for your records. Each unit accepting Visa/Mastercard will have specific procedures for depositing these funds. The procedures are provided by Financial Services at the time Visa/Mastercard facilities are implemented. Please refer to those procedures or contact Financial Services for more information.*

THE UNIVERSITY OF BRITISH COLUMBIA



NAMING OF CAMPUS FACILITIES

Policy # 125 - Approved: February 1989

The naming of Facilities or features at the University after a person or persons falls into four classes.

- Facilities that are part of the outside environment of the University. For example, they include buildings, complexes of buildings, roads, walkways, playing fields, parks, gardens, agricultural or forestry plots, etc.
- Facilities that are part of inside space. For example, they include library/reading rooms, laboratories, seminar rooms, galleries, recreational courts, lounges, etc.
- Facilities that are made up of portable items. For example, they include collections of art and/or artifacts- all identifiable because of specific focus or purpose.
- Posthumous tribute markers. These include plaques, medallions or other markers usually in association with such features as trees, benches or small monuments.

POLICY

- New names for facilities in Class I are to be approved by the Board of Governors upon recommendation of the President following consultation with the Dean of an academic area and with the advice of the President's Committee on the Naming of Facilities.
- New names for facilities in Class II are to be approved by the President upon recommendation of the Vice President who has responsibility for the use or

functional purpose of the facility following consultation with the Dean of an academic area.

- New names for facilities in Class III are to be approved by the Vice President, Academic on the recommendations of a Dean of Faculty for facilities that are functionally related to his/her faculty, or in the case of facilities outside the faculties, on the recommendation of the appropriate Vice President.
- New names for features in Class IV are to be approved by the President in consultation with the Department of Campus Planning and Development.
- All new names shall be filed with the Secretary to the Board of Governors and the Director of Campus Planning and Development, who is responsible for informing the university community.

GUIDING PRINCIPLES

- In proposing a name for a University facility, there must be clear evidence that the person has made an exceptional and significantly superior contribution to the University purpose.
- Facilities that are, in whole or in part, gifts to the University may be named after a donor/donors provided that the donation to be recognized is the dominant factor in the receipt of the gift, and represents a substantial part of its value.
- It is not normal to name facilities after individuals who are employed by the

University or hold positions related to its administration.

- Before new names or re-naming of existing facilities can be approved, due consideration will be given to the familiarity and acceptability of existing names.
- The question of suitability of new names in relation to sites, locations and directions for effective circulation and access at the University will be assessed before approval is given.

THE CAMPAIGN

The Committee on Naming of Facilities recommends that in principle, for the duration of the Campaign, the President be authorized to approve the naming of campus facilities after donors, provided:

- the value of the gift is measured in millions of dollars;
- that none of the academic functions or considerations are compromised, and
- the name is in keeping with University values.

NAMING OF BUILDINGS

Policy #124 - Approved: April 1985

There shall be a President's Advisory Committee on the Naming of Buildings.

The terms of reference of the committee shall be to recommend to the President that a building be named to reflect the use of it (for example, the General Services Administration Building, the University Bookstore); or to honour someone associated with the University (for example, the Henry Angus Building, the Neville Scarfe Building, etc.); or to recognize a donor (for example, the Kinsmen Laboratory for Neurological Research).

The committee shall respond to requests from the President or his/her designate

in this matter.

The committee shall have nine members:

- Chancellor
- Vice President, Academic
- Vice President, Administration and Finance
- Two deans of faculties (to be appointed by the President)
- Dean of the faculty or director of the non-faculty unit most closely associated with the building
- Director of Ceremonies (who will act as chair)
- Chair of the Property Committee of the Board
- Director of Campus Planning and Development

THE APPOINTMENT OF GRADUATE STUDENTS TO TEACH A COURSE IN WHICH A BOARD OF GOVERNORS APPOINTMENT IS REQUIRED - Policy # 75 - Approved: July 1992

Appointments in Academic Departments, Schools, Programs and Faculties (including positions sponsored by Extra-Sessional Studies):

- A Master's student may not hold an appointment to teach a course or courses in which a Board of Governors appointment is required.
- Until admitted to candidacy, a doctoral student may not hold an appointment to teach a course or courses in which a Board of Governors appointment is required except that in special circumstances, with the approval of the head of the department in which the student is registered and the Dean of the Faculty of

Graduate Studies, the student may be given an appointment to teach no more than six credits of undergraduate course work per term.

- A doctoral student who has been admitted to candidacy may be granted an appointment as a part-time lecturer (teaching duties normally to be limited to no more than six credits of undergraduate course work per term). Such appointment requires the written approval of the Dean of Graduate Studies.

Appointments in Centre for Continuing Education

To qualify as an Instructor or for other

teaching duties with the Centre for Continuing Studies, in a credit course, a student must:

- be in a doctoral program, have successful previous teaching experience, and not teach more than six credits of course work in any given term.
- have the written permission of the Department (Faculty in non-departmentalized Faculties) in which the student's program is offered.
- have obtained in writing the permission of the Dean of the Faculty of Graduate Studies.

In addition:

- a credit course will be given and students examined under the supervision of a faculty member of the department or unit in which the course is given. This faculty member is in charge of all aspects of the course.

Note: To maintain full-time status a student should not work more than 12 hours per week, averaged over the year. A student working more than 12 hours a week will forgo University Graduate Fellowships, etc. for the period of the appointment.

LICENCES OF DRIVERS OF VEHICLES ON UNIVERSITY BUSINESS

Policy # 78

The Motor Vehicle Act (B.C.) and its regulations (collectively, the "Act") identifies the classes of driver's licenses which permit the operation of motor vehicles in the Province of British Columbia.

University employees and students (collectively, the "University Driver" or "University Drivers") who operate motor vehicles on University business (including employment and study activities) must

hold appropriate valid driver's licenses.

For most University Drivers a Class 5 driver's license will be sufficient. However, a class 5 driver's license only permits a University Driver the operation of a 2 axle motor vehicle with a maximum seating capacity of ten persons, including the driver, whether or not the seats are occupied, and provided the motor vehicle is not a bus, school bus, taxi, ambulance, motorcycle, special vehicle or special activity bus as defined by the Act.

A class 4 driver's license is required if: (1) the maximum seating capacity of a motor vehicle exceeds ten persons, including the driver, and (2) the motor vehicle is a taxi, ambulance, special vehicle, or special activity bus or bus with a seating capacity of not more than 25 persons including the driver.

A bus is defined as a motor vehicle having a seating capacity of more than ten persons, including the driver, that is operated for hire or for public transportation.

A University Driver's failure to hold the required class of driver's license could invalidate the insurance coverage on the motor vehicle operated by the University Driver.

If a University Driver is in doubt about the validity of his or her driver's license for the operation of a motor vehicle, the University Driver must not operate the motor vehicle until such validity is confirmed by the B.C. Motor Vehicles Branch (Ministry of Attorney General).

CASH HANDLING

Continued from previous page

- Follow up immediately on any copy 2 receipts which are not submitted in sequence.

Section G: Receipt of Cheques By Mail

As is, until...

REQUIREMENTS

- All cheques received in the mail must be restrictively endorsed 'For deposit only - The University of British Columbia', at the time the mail is opened. The 10 digit FRS account number to be credited shall also be entered on the reverse side of the cheque.
- The same person should not open the mail and prepare the deposit.

REMOVAL AND TRAVEL ALLOWANCES

Policy # 82 - Approved: February 1980

Those eligible for Removal and Travel Allowances are:

- newly appointed full-time members of the faculty whose appointments are for two years or more;
- newly appointed Board appointees (other than faculty) not on term appointments; and
- conditional appointees to the faculty. This group consists of persons who are close to obtaining their doctorate. They are appointed as Instructors II for one year on condition that they will automatically become Assistant Professors upon

presentation of formal evidence of successful completion of the doctorate.

Moving arrangements and payment of the removal costs can be made by contacting the transportation specialist in the Purchasing Department. The Purchasing Department has a contractual agreement with an internationally known moving company that can offer substantial discounts and guaranteed services. The transportation specialist should be contacted at least 2 months before the move will occur.

Payment of all other removal and travel allowances will be made upon arrival at The University of British Columbia and will be dependent upon submission to the Department of Financial Services of an itemized statement of actual expenses incurred, supported by appropriate documents. The University will not settle accounts directly with suppliers except for those moving costs arranged through the Purchasing Department as stated above.

the rest as is



THE UNIVERSITY OF BRITISH COLUMBIA

TEACHING SPACE REPORT

INTRODUCTION

There has been considerable concern expressed about the quality and upkeep of teaching space on campus. The following describes in some detail the specific actions taken in the last two fiscal years and that proposed for the current fiscal year.

OVERVIEW

Funding for classroom maintenance is provided from three sources: i) the maintenance component of the operating budget for Plant Operations, ii) minor capital and cyclical maintenance designated grants from the provincial government, and iii) the provincially designated academic equipment fund.

There are provincially mandated conditions which circumscribe the uses to which the cyclical maintenance budget can be applied. In particular, the funds can only be used for major maintenance items that will not re-occur on a yearly basis. Further, the funds cannot be used for alterations and renovations, upgrading, or equipment. In short, they can be applied only to major cyclical maintenance of the existing exterior and interior of current facilities.

Organizational units with responsibility for the physical state of university classrooms include: i.) the Department of Plant Operations charged with the maintenance of the exterior and interior of campus facilities, ii.) the Department of Campus Planning and Development charged with undertaking significant alterations and renovations to existing facilities as well as overseeing the design, planning and construction of new facilities, and iii.) Bio-Medical Communications responsible for advising on, ordering and installing of media equipment. Advice on maintenance and enhancement to the classrooms including their media capability is provided by the President's Advisory Committee on Teaching Space which annually solicits advice from the Deans of Faculties and the Coordinator, Health Sciences. The specific activities undertaken by each of the three groups described above are detailed below:

Department of Plant Operations

The Department has initiated audits of the University's classrooms (including classrooms, seminar rooms and lecture theatres). One audit assesses the current state of window coverings, furniture, wall coverings, floor coverings, etc. In addition to these visible components, a second audit is done of the heating, ventilation, lighting and air conditioning (where applicable) systems of each classroom. The audits serve as the basis for establishing the priority and extent of activity to be undertaken each year.

While the state of its classrooms represent a highly visible component, it is important to recognize that there are others aspects of the building envelope which impact on the classrooms themselves. Because of the age of many of our facilities, exterior weatherproofing is of major concern and ensuring that it is in satisfactory condition is mandatory before undertaking any maintenance on the interior. Likewise, ventilation, heating, lighting and air conditioning systems must be brought to satisfactory performance levels. Of the six million dollar cyclical maintenance budgets provided in each of the last two years, approximately one-third of each has been directed to the weatherproofing of buildings including

roofs, walls, windows, and foundations. Three buildings which benefited from this activity were Hennings, Hebb and Buchanan.

Table 1A displays the specific classroom related activities undertaken by Plant Operations in years 1992/93 and 1993/94 while Table 1B reflects that to be undertaken in 1994/95. Several of the major activities are worth noting. A complete painting of the interior of the Buchanan Building was completed in 1992/93. This was followed in 1993/94 by work in a number of buildings including: Curtis, Henry Angus, Instructional Resources Centre, and Macmillan. For the current fiscal year, ten buildings will be addressed with work scheduled to start in late June and be completed before the start of fall classes (excluding heating, ventilation, and air conditioning systems which will occur throughout the year). The buildings include: Anthropology and Sociology, Biological Sciences, Chemistry, Lasserre, Geography, Curtis, Hennings, Math, Music, and Wesbrook. The weatherproofing of the Hennings Building undertaken last year will be followed this year with a washing and re-sealing of the exterior of the building and a comprehensive painting of the interior of the building. In the Instructional Resources Centre, all theatres will have carpeting repaired, stair nosing applied on aisles and steps, upholstered furniture repaired and shampooed, carpets shampooed, and lighting relamped. To avoid conflicting with scheduled classes, interior painting in all buildings scheduled for activity this summer will be done in evening hours.

The activities proposed each year by the Department of Plant Operations are reviewed with the President's Advisory Committee on Teaching Space to ensure both coordination and effective use of the limited resources available to address the University's classroom requirements.

President's Advisory Committee on Teaching Space

Among its responsibilities, The Teaching Space Committee is charged with allocating a portion of the appropriation for Academic Equipment and a portion of the appropriation for Minor Capital. Funds for the former are primarily directed to movable furnishings, e.g., media equipment, non-fixed seating, etc. while the latter is applied to installed seating as well as major and minor alterations and renovations. In 1993/94, the dollars available for allocation by the Committee included \$250,000 of academic equipment funds and \$450,000 of the minor capital appropriation.

In each of the two years of its existence, the Committee has solicited from each of the deans and the Coordinator, Health Sciences, proposals for addressing the maintenance and upgrading requirements of those classrooms, seminar rooms and lecture theatres which exist in the buildings in which their Faculties are housed. The requests are assigned to one or more of the categories described in Appendix 1 and cost estimates are provided by staff of Plant Operations, Campus Planning and Development, and Bio-Medical Communications following discussion with representatives of the faculties which have made the requests.

In distributing the academic equipment funds, the Committee views its highest priority to bring all existing classrooms to minimal instructional standards—overhead projectors and screens, chalk or white boards, tables

and chairs, blackout curtains, etc.

Major alterations and renovations to classrooms require removing the room from room bookings for a sustained period of time. Because the most appropriate time is in the months of May through August and given that the inception of the Committee was early in calendar year 1993, it was not possible for any such action to occur in the summer of 1993.

The list of requests submitted in 1993/94 are displayed in Table 2. Consistent with the priorities noted above, funding was provided for those items encompassed in categories Academic Equipment 1 and 3, and Minor Equipment 1.

For 1994/95, the Committee has been provided with Academic equipment funds of \$400,000 and \$1,350,000 to undertake renovations to Hebb Theatre. Of the academic equipment funds, \$150,000 has been allocated to Hebb Theatre leaving \$250,000 to be allocated to the 1994/95 proposals. The list of requests submitted for 1994/95 are detailed in Table 3. No allocations have yet been made as the Committee is still in the process of developing detailed cost estimates.

However, two major commitments have been made which will absorb much of the 1994/95 appropriations provided to the Committee. They involve renovations to Hebb Theatre and development of a classroom master plan.

In early fall 1993, the Committee engaged in discussion concerning major alterations and renovations to the existing stock of classrooms and lecture theatres. Major enhancements to classrooms should be based on knowledge of types of classrooms desired, their size and location and the standards to which we want to bring them. They should also be based on a detailed assessment of which ones within the existing stock warrant significant investments, which should be renovated for purposes other than classrooms and consideration of where the most critical needs are within the university. The same needs apply to the existing stock of lecture theatres. These issues are intended to be addressed through development of the classroom master plan. Negotiations have been proceeding with Ellensweig and Associates of Boston, Massachusetts to assist the University with its development. Details of the process to be followed are being developed and will shortly be communicated to the University community. The intent is to begin the process early in the fall with a final report anticipated in late spring of 1995.

While acknowledging the inadequacy of its information base, the Committee made several pragmatic decisions affecting its 1994/95 proposed course of action. First, to defer major alterations to any existing classrooms until the classroom master plan is complete. Second, to consider major renovation to one of the lecture theatres. After considering several possibilities, the Committee designated Hebb Theatre as its primary candidate for major renovation work in the summer 1994.

Why Hebb Theatre? First, it is a very well constructed thirty year old building. Because the building is structurally sound, major investments in its renovation will be long lasting. Second, the exterior of the building was already scheduled by Plant Operations for power wash, painting and roof replacement this summer. Thus, both exterior and interior requirements can be addressed at one time and there is assurance therefore that renovations to the interior will not be adversely affected by unattended deficiencies in the building envelope. Third, it is one of the largest lecture theatres (seating 450) and is widely used for conferences. Fourth, while its primary use is by one faculty, it does have a variety of users from other faculties.

Renovations to Hebb Theatre were begun in early May and will be completed by the start of fall term classes.

Responding to the concerns of its instructional staff, the university has begun the long process of improving the quality of its instructional facilities. To summarize, the resource allocations of the last two years have included: \$550,000 per year of major cyclical maintenance undertaken by Plant Operations; \$650,000 of academic equipment funds directed toward classroom furnishings, media equipment, and other general equipment; \$1,800,000 of minor capital and cyclical and other maintenance funds directed to the renovation of Hebb Theatre and a limited number of other classrooms as well as development of the classroom master plan. Because the upgrading requirements of the University's long neglected classrooms are so significant, it is important that we have a clear understanding and consensus regarding needs and priorities so that limited resources can be expended in the most effective manner. It is anticipated that with the active participation of all of the Faculties, development of the classroom master plan will provide the road map to guide our future classroom upgrade activities.

TABLES

The tables below are printed on the following pages.

Table 1A	Work Completed, Fiscal Years 1992/93, 1993/94 Schedule
Table 1B	1994/95 Schedule
Table 2	Classroom Enhancements (1993/94)
Table 3	Classroom Enhancements (proposed 1994/95)

The University of British Columbia / Department of Plant Operations
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Work Completed, F.Y.s 92/93 93/94 Schedule

Building Name	Room Type	Rm. No.	Audit Y/N	Interior Finishes		Furniture		Window Cover	Lighting	HVAC
				TYPE	Wrk C	TYPE	Wrk C	Wrk C	Wrk C	Wrk C
ADULT EDUCATION RES CTR	SEMINAR ROOM	1	N							
BUCHANAN BUILDING A	CLASSROOM	A202	N	PAINT	Y					
BUCHANAN BUILDING A	CLASSROOM	A203	N	PAINT	Y					
BUCHANAN BUILDING A	CLASSROOM	A204	N	PAINT	Y					
BUCHANAN BUILDING A	CLASSROOM	A205	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B212	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B214	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B216	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B218	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B219	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B220	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B221	N	PAINT	Y					
BUCHANAN BUILDING B	SEMINAR ROOM	B222	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B223	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B224	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B225	N	PAINT	Y					
BUCHANAN BUILDING B	SEMINAR ROOM	B226	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B228	N	PAINT	Y					
BUCHANAN BUILDING B	SEMINAR ROOM	B230	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B232	N	PAINT	Y					Y
BUCHANAN BUILDING B	SEMINAR ROOM	B234	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B312	N	PAINT	Y					Y
BUCHANAN BUILDING B	CLASSROOM	B313	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B314	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B315	N	PAINT	Y					Y
BUCHANAN BUILDING B	CLASSROOM	B316	N	PAINT	Y					Y
BUCHANAN BUILDING B	CLASSROOM	B317	N	PAINT	Y					Y
BUCHANAN BUILDING B	CLASSROOM	B318	N	PAINT	Y					Y
BUCHANAN BUILDING B	CLASSROOM	B319	N	PAINT	Y					Y
BUCHANAN BUILDING B	CLASSROOM	B320	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B321	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B322	N	PAINT	Y					Y
BUCHANAN BUILDING B	CLASSROOM	B323	N	PAINT	Y					Y
BUCHANAN BUILDING B	CLASSROOM	B324	N	PAINT	Y					Y
BUCHANAN BUILDING B	CLASSROOM	B325	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B327	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B330	N	PAINT	Y					
BUCHANAN BUILDING B	CLASSROOM	B332	N	PAINT	Y					Y
BUCHANAN BUILDING B	CLASSROOM	B334	N	PAINT	Y					
BUCHANAN BUILDING B	SEMINAR ROOM	B500	N	PAINT	Y					
BUCHANAN BUILDING C	SEMINAR ROOM	C263	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D110	N	PAINT	Y					
BUCHANAN BUILDING D	SEMINAR ROOM	D113	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D114	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D121	N	PAINT	Y					
BUCHANAN BUILDING D	SEMINAR ROOM	D201	N	PAINT	Y					
BUCHANAN BUILDING D	SEMINAR ROOM	D202	N	PAINT	Y					
BUCHANAN BUILDING D	SEMINAR ROOM	D205	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D224	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D225	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D230	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D233	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D238	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D239	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D244	N	PAINT	Y					
BUCHANAN BUILDING D	SEMINAR ROOM	D301	N	PAINT	Y					
BUCHANAN BUILDING D	SEMINAR ROOM	D302	N	PAINT	Y					Y
BUCHANAN BUILDING D	SEMINAR ROOM	D305	N	PAINT	Y					Y
BUCHANAN BUILDING D	SEMINAR ROOM	D306	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D310	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D318	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D323	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D324	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D327	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D330	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D333	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D336	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D339	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D340	N	PAINT	Y					
BUCHANAN BUILDING D	CLASSROOM	D344	N	PAINT	Y					
BUCHANAN BUILDING D	SEMINAR ROOM	D348	N	PAINT	Y					
BUCHANAN BUILDING D	SEMINAR ROOM	D351	N	PAINT	Y					
BUCHANAN BUILDING D	SEMINAR ROOM	D352	N	PAINT	Y					
BUCHANAN BUILDING E	SEMINAR ROOM	E266	N	PAINT	Y					
BUCHANAN BUILDING E	SEMINAR ROOM	E274	N	PAINT	Y					
BUCHANAN BUILDING E	CLASSROOM	E458	N	PAINT	Y					
BUCHANAN BUILDING E	SEMINAR ROOM	E476	N	PAINT	Y					
GEORGE F.CURTIS BLDG(LAW)	LECTURE THEATRE	177	Y	PAINT	Y	SEATS		Y		
GEORGE F.CURTIS BLDG(LAW)	CLASSROOM	178	Y	PAINT	Y			Y		
GEORGE F.CURTIS BLDG(LAW)	SEMINAR ROOM	179	Y	PAINT						

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Building Name	Room Type	Rm. No.	Audit Y/N	Interior Finishes		Furniture		Window Cover	Lighting	HVAC
				TYPE	Wrk C	TYPE	Wrk C	Wrk C	Wrk C	Wrk C
HENRY ANGUS BLDG	LECTURE THEATRE	104	Y	PAINT	Y					
HENRY ANGUS BLDG	LECTURE THEATRE	110	Y	PAINT	Y					
HENRY ANGUS BLDG	LECTURE THEATRE	210	Y	PAINT	Y					
HENRY ANGUS BLDG	LECTURE THEATRE	213	Y	PAINT	Y					
HENRY ANGUS BLDG	CLASSROOM	214	Y	PAINT	Y					
HENRY ANGUS BLDG	LECTURE THEATRE	215	Y	PAINT	Y					
HENRY ANGUS BLDG	LECTURE THEATRE	308	Y	PAINT	Y					
HENRY ANGUS BLDG	CLASSROOM	310	Y	PAINT	Y					
HENRY ANGUS BLDG	CLASSROOM	312	Y	PAINT	Y					
HENRY ANGUS BLDG	CLASSROOM	412	Y	PAINT	Y					
HENRY ANGUS BLDG	LECTURE THEATRE	413	Y	PAINT	Y					
HENRY ANGUS BLDG	LECTURE THEATRE	415	Y	PAINT	Y					
HENRY ANGUS BLDG	CLASSROOM	417	Y	PAINT	Y					
HENRY ANGUS BLDG ADD	LECTURE THEATRE	31	Y	PAINT	Y					
HENRY ANGUS BLDG ADD	LECTURE THEATRE	33	Y	PAINT	Y					
HENRY ANGUS BLDG ADD	LECTURE THEATRE	223	Y	PAINT	Y					
HENRY ANGUS BLDG ADD	LECTURE THEATRE	225	Y	PAINT	Y					
HENRY ANGUS BLDG ADD	LECTURE THEATRE	226	Y	PAINT	Y					
HENRY ANGUS BLDG ADD	SEMINAR ROOM	228	Y	PAINT	Y					
HENRY ANGUS BLDG ADD	CLASSROOM	321	Y	PAINT	Y					
HENRY ANGUS BLDG ADD	LECTURE THEATRE	323	Y	PAINT	Y					
HENRY ANGUS BLDG ADD	LECTURE THEATRE	325	Y	PAINT	Y					
HENRY ANGUS BLDG ADD	LECTURE THEATRE	326	Y	PAINT	Y					
HENRY ANGUS BLDG ADD	SEMINAR ROOM	328	Y	PAINT	Y					
HENRY ANGUS BLDG ADD	CLASSROOM	421	Y	PAINT	Y					
HENRY ANGUS BLDG ADD	CLASSROOM	425	Y	PAINT	Y					
HENRY ANGUS BLDG ADD	LECTURE THEATRE	426	Y	PAINT	Y					
HENRY ANGUS BLDG ADD	SEMINAR ROOM	428	Y	PAINT	Y					
HORTI BLDG(& GREENHOUSES)	CLASSROOM	102	Y	PAINT	Y					
HORTI BLDG(& GREENHOUSES)	CLASSROOM	112	Y	PAINT	Y					
INSTRUCT RESOURCE CTR-IR	SEMINAR ROOM	G41	Y	PAINT	Y	SEATS		Y		
INSTRUCT RESOURCE CTR-IR	SEMINAR ROOM	G42	Y	PAINT	Y	SEATS		Y		
INSTRUCT RESOURCE CTR-IR	SEMINAR ROOM	G44	Y	PAINT	Y	SEATS		Y		
INSTRUCT RESOURCE CTR-IR	SEMINAR ROOM	G57	Y	PAINT	Y	SEATS				
INSTRUCT RESOURCE CTR-IR	SEMINAR ROOM	G59	Y	PAINT	Y	SEATS				
INSTRUCT RESOURCE CTR-IR	SEMINAR ROOM	G65	Y	PAINT	Y	SEATS		C		
INSTRUCT RESOURCE CTR-IR	SEMINAR ROOM	G66	Y	PAINT	Y	SEATS		C		
MACMILLAN BUILDING	CLASSROOM	158	Y	PAINT	Y	SEATS	Y		Y	
MACMILLAN BUILDING	CLASSROOM	160	Y	PAINT	Y	SEATS	Y		Y	
MACMILLAN BUILDING	LECTURE THEATRE	166	Y	PAINT	Y	SEATS	Y		Y	
MACMILLAN BUILDING	CLASSROOM	256	Y	PAINT	Y	SEATS			Y	
MACMILLAN BUILDING	CLASSROOM	260	Y	PAINT	Y	SEATS	Y		Y	
MATHEMATICS ANNEX	LECTURE THEATRE	1100	Y	PAINT				Y		
MATHEMATICS ANNEX	SEMINAR ROOM	1102	Y	PAINT				Y		

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Building Name	Room Type	Rm. No.	Audit Y/N	Interior Finishes		Furniture		Window Cover	Lighting	HVAC
				TYPE	Wrk C	TYPE	Wrk C	Wrk C	Wrk C	Wrk C
ADULT EDUCATION RES CTR	SEMINAR ROOM	1	N							
ANTHRO & SOCIO BLDG ADD	CLASSROOM	141	Y	PAINT	Y					
ANTHRO & SOCIO BLDG ADD	CLASSROOM	202	Y	PAINT	Y					
ANTHRO & SOCIO BLDG ADD	CLASSROOM	203	Y	PAINT	Y					
ANTHRO & SOCIO BLDG ADD	CLASSROOM	205	Y	PAINT	Y					
ANTHRO & SOCIO BLDG ADD	CLASSROOM	207	Y	PAINT	Y					
ANTHRO & SOCIO BLDG ADD	CLASSROOM	209	Y	PAINT	Y					
BIOLOGICAL SCIENCE-CORE	LECTURE THEATRE	2000	Y	PAINT		SEATS				
BIOLOGICAL SCIENCE-NORTH	TUTORIAL ROOM	1524	Y	PAINT						
BIOLOGICAL SCIENCE-NORTH	TUTORIAL ROOM	2519	Y	PAINT						
BIOLOGICAL SCIENCE-SOUTH	CLASSROOM	2321	Y	PAINT						
BIOLOGICAL SCIENCE-SOUTH	CLASSROOM	2361	Y	PAINT						
BIOLOGICAL SCIENCE-WEST	CLASSROOM	1465	Y	PAINT						
BIOLOGICAL SCIENCE-WEST	CLASSROOM	2449	Y	PAINT						
BIOLOGICAL SCIENCE-WEST	CLASSROOM	5460	Y	PAINT		SEATS				
BUCHANAN TOWER (OFFICE)	SEMINAR ROOM	1127	N	FLOOR	Y					
BUCHANAN TOWER (OFFICE)	SEMINAR ROOM	1206	N	FLOOR	Y					
BUCHANAN TOWER (OFFICE)	SEMINAR ROOM	1207	N	FLOOR	Y					
BUCHANAN TOWER (OFFICE)	SEMINAR ROOM	218	N	FLOOR	Y					
BUCHANAN TOWER (OFFICE)	SEMINAR ROOM	498	N	FLOOR	Y					
BUCHANAN TOWER (OFFICE)	SEMINAR ROOM	597	N	FLOOR	Y					
BUCHANAN TOWER (OFFICE)	SEMINAR ROOM	826	N	FLOOR	Y					
BUCHANAN TOWER (OFFICE)	SEMINAR ROOM	898	N	FLOOR	Y					
CHEMISTRY BLDG EAST WING	LECTURE THEATRE	124	Y	PAINT		SEATS				
CHEMISTRY BLDG EAST WING	LECTURE THEATRE	126	Y	PAINT		SEATS				
CHEMISTRY BLDG-SOUTH WIN	LECTURE THEATRE	150	Y	PAINT		SEATS				
CHEMISTRY BLDG-SOUTH WIN	LECTURE THEATRE	250	Y	PAINT		SEATS				

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1994 / 1995 Schedule

Building Name	Room Type	Rm. No.	Audit Y/N	Interior Finishes		Furniture		Window Cover	Lighting	HVAC
				TYPE	Wrk C	TYPE	Wrk C	Wrk C	Wrk C	Wrk C
CHEMISTRY BUILDING	LECTURE THEATRE	200	Y	FLR-PNT		SEATS		Y		
CHEMISTRY BUILDING	CLASSROOM	225	Y	PAINT		SEATS				
CHEMISTRY BUILDING	LECTURE THEATRE	300	Y	FLR-PNT		SEATS				
CHEMISTRY BUILDING	SEMINAR ROOM	332	Y	PAINT						
CIVIL/MECHANICAL ENG BLDG	LECTURE THEATRE	1202	Y	FLR-PNT						
CIVIL/MECHANICAL ENG BLDG	LECTURE THEATRE	1204	Y	FLR-PNT						
CIVIL/MECHANICAL ENG BLDG	SEMINAR ROOM	1206	Y	FLR-PNT		SEATS				
CIVIL/MECHANICAL ENG BLDG	SEMINAR ROOM	1208	Y	FLOOR		TABLES		Y		
CIVIL/MECHANICAL ENG BLDG	SEMINAR ROOM	1210	Y	FLR-PNT						
CIVIL/MECHANICAL ENG BLDG	LECTURE THEATRE	1212	Y	FLR-PNT						
CIVIL/MECHANICAL ENG BLDG	LECTURE THEATRE	1215	Y	FLOOR						
CIVIL/MECHANICAL ENG BLDG	SEMINAR ROOM	1304	Y	PAINT						
FREDERIC LASSERRE BLDG	LECTURE THEATRE	102	Y	PAINT		SEATS				
FREDERIC LASSERRE BLDG	LECTURE THEATRE	104	Y	PAINT		SEATS				
FREDERIC LASSERRE BLDG	CLASSROOM	105	Y	PAINT		SEATS				
FREDERIC LASSERRE BLDG	CLASSROOM	107	Y	PAINT		SEATS				
FREDERIC LASSERRE BLDG	CLASSROOM	202	Y	PAINT		SEATS		Y		
FREDERIC LASSERRE BLDG	SEMINAR ROOM	205	Y	PAINT						
FREDERIC LASSERRE BLDG	SEMINAR ROOM	211	Y	PAINT				Y		
FREDERIC LASSERRE BLDG	SEMINAR ROOM	301	Y	PAINT						
FREDERIC LASSERRE BLDG	SEMINAR ROOM	309	Y	PAINT						
GEOGRAPHY BUILDING	LECTURE THEATRE	100	Y	PAINT		SEATS				
GEOGRAPHY BUILDING	LECTURE THEATRE	101	Y	PAINT		SEATS				
GEOGRAPHY BUILDING	CLASSROOM	147	Y	PAINT		SEATS				
GEOGRAPHY BUILDING	CLASSROOM	200	Y	PAINT		SEATS		Y		
GEOGRAPHY BUILDING	CLASSROOM	201	Y	PAINT		SEATS				
GEOGRAPHY BUILDING	CLASSROOM	212	Y	PAINT		SEATS		Y		
GEOGRAPHY BUILDING	CLASSROOM	214	Y	PAINT		SEATS		Y		
GEOGRAPHY BUILDING	SEMINAR ROOM	215D	Y	PAINT		TABLES				
GEOGRAPHY BUILDING	SEMINAR ROOM	223	Y	PAINT						
GEOGRAPHY BUILDING	CLASSROOM	229	Y	PAINT		SEATS				
GEOGRAPHY BUILDING	CLASSROOM	239	Y	PAINT		SEATS				
GEOGRAPHY BUILDING	SEMINAR ROOM	242	Y	PAINT				Y		
GEOLOGICAL SCIENCES CTR	CLASSROOM	135	Y	FLOOR						
GEOLOGICAL SCIENCES CTR	SEMINAR ROOM	330A	Y	FLOOR				Y		
GEORGE F.CURTIS BLDG(LAW)	LECTURE THEATRE	101	Y	PAINT		DESKS				
GEORGE F.CURTIS BLDG(LAW)	LECTURE THEATRE	102	Y	PAINT		DESKS				
GEORGE F.CURTIS BLDG(LAW)	LECTURE THEATRE	201	Y	PAINT		DESKS				
GEORGE F.CURTIS BLDG(LAW)	LECTURE THEATRE	157	Y	PAINT						
GEORGE F.CURTIS BLDG(LAW)	LECTURE THEATRE	169	Y	PAINT				Y		
GEORGE F.CURTIS BLDG(LAW)	CLASSROOM	176	Y	PAINT		UPHOLST				
GEORGE F.CURTIS BLDG(LAW)	SEMINAR ROOM	181	Y	PAINT				Y		
GEORGE F.CURTIS BLDG(LAW)	SEMINAR ROOM	182	Y	PAINT				Y		
GEORGE F.CURTIS BLDG(LAW)	SEMINAR ROOM	185	Y	PAINT		TABLES		Y		
HENNINGS BLDG (PHYSICS)	LECTURE THEATRE	200	Y	PAINT		SEATS				
HENNINGS BLDG (PHYSICS)	LECTURE THEATRE	201	Y	PAINT		SEATS				
HENNINGS BLDG (PHYSICS)	LECTURE THEATRE	202	Y	PAINT		SEATS				
HENNINGS BLDG (PHYSICS)	SEMINAR ROOM	301	Y	PAINT				Y		
HENNINGS BLDG (PHYSICS)	CLASSROOM	302	Y	PAINT				Y		
HENNINGS BLDG (PHYSICS)	CLASSROOM	304	Y	PAINT				Y		
HENNINGS BLDG (PHYSICS)	CLASSROOM	318	Y	PAINT				Y		
INSTRUCT RESOURCE CTR-IR	LECTURE THEATRE	G1	Y	FLOOR		SEATS				
INSTRUCT RESOURCE CTR-IR	LECTURE THEATRE	G2	Y	FLOOR		SEATS				
INSTRUCT RESOURCE CTR-IR	LECTURE THEATRE	G3	Y	FLOOR		SEATS				
INSTRUCT RESOURCE CTR-IR	LECTURE THEATRE	G4	Y	FLOOR		SEATS				
INSTRUCT RESOURCE CTR-IR	LECTURE THEATRE	G5	Y	FLOOR		SEATS				
MACMILLAN BUILDING	CLASSROOM	342	Y	TILES		SEATS				
MATHEMATICS BUILDING	LECTURE THEATRE	100	Y	PAINT		SEATS		Y		
MATHEMATICS BUILDING	CLASSROOM	102	Y	PAINT		SEATS		Y		
MATHEMATICS BUILDING	CLASSROOM	103	Y	PAINT		SEATS		Y		
MATHEMATICS BUILDING	CLASSROOM	104	Y	PAINT		SEATS		Y		
MATHEMATICS BUILDING	CLASSROOM	105	Y	PAINT		SEATS		Y		
MATHEMATICS BUILDING	CLASSROOM	203	Y	PAINT		SEATS		Y		
MATHEMATICS BUILDING	CLASSROOM	204	Y	PAINT		SEATS		Y		
MATHEMATICS BUILDING	CLASSROOM	225	Y	PAINT		SEATS		Y		
MATHEMATICS BUILDING	CLASSROOM	229	Y	PAINT		SEATS		Y		
MUSIC BUILDING	LECTURE THEATRE	113	Y	PAINT		ABSORB		Y		
MUSIC BUILDING	CLASSROOM	301	Y	PAINT		DESK				
MUSIC BUILDING	CLASSROOM	302	Y	PAINT		DESK		Y		
MUSIC BUILDING	CLASSROOM	304	Y	PAINT		DESK		Y		
MUSIC BUILDING	CLASSROOM	338	Y	PAINT		DESK				
MUSIC BUILDING	CLASSROOM	339	Y	PAINT		DESK				
MUSIC BUILDING	SEMINAR ROOM	400B	Y	PAINT		DESK		Y		
WESBROOK BUILDING	LECTURE THEATRE	100	Y	PAINT		SEATS				
WESBROOK BUILDING	LECTURE THEATRE	201	Y	PAINT		SEATS				

Table 2

Classroom Enhancements (1993/94)

Faculty	Department	Request	Originator Estimate	Revised Estimate	category of request										
					AE1	AE2	AE3	AE4	MC1	MC2	MC3	MC4	NO		
Ag. Sciences	MacMillan Building	blinds & curtains (5 rooms)								X					
		painting & cleaning (6 rooms)												X	
		sealing repairs (3 rooms)										X			
		3 screens									X				
		lighting repairs (6 rooms)												X	
		moulding repairs (6 rooms)												X	
		floor plug repairs (6 rooms)												X	
		seat repair (1 room)										X			
		screen replacement									X				
		fresnel screen replacement (overhead projector x2)					X								
		computer screen projector						X							
		permanent overhead projector					X								
		Family & Nutrl. Sci. Bldg.	seats repair (1 room)												X
			install/repair drapes (9 rooms)									X			
			painting & cleaning (1 room)												X
classroom cabinet renovation (1 room)													X		
light repair (1 room)													X		
TOTAL		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Applied Sci.	Architecture	curtains	\$8,000								\$8,000				
		2 slide projectors	\$750		\$750										
		1 TV monitor & VCR	\$1,500			\$1,500									
		1 speaker	\$600		\$600	\$600									
	Chemical Engineering	3 overhead projectors	\$1,500		\$1,500										
	Civil Engineering	secure tables											X		
		repair screen									X				
	Electrical Engineering	4 overhead projectors	\$2,000		\$2,000										
		Tables & 10 chairs	\$4,500			\$4,500									
		4 second screens	\$2,400		\$2,400										
	Metals & Materials Proc.	refurbish lecture rooms												X	
		20 blinds	\$6,000								\$6,000				
		50 chairs	\$2,250			\$2,250									
		30 chairs	\$1,350			\$1,350									
	Mining & Mineral Proc.	40 tables	\$2,500			\$2,500									
video overhead projector monitor		\$6,000			\$6,000										
TOTAL		\$39,350	\$0	\$7,250	\$8,100	\$10,600	\$0	\$14,000	\$0	\$0	\$0	\$0	\$0		
Arts ***	TOTAL														
Commerce	Commerce	remodel two classrooms into one	\$95,000											\$95,000	
		remodel two classrooms into one	\$90,000											\$90,000	
		reorient seating												X	
		install screen				X									
		install beam projection system					X								
		replace curtains									X				
		repair temperature controls												X	
		replace tables & chairs & carpet	\$10,000					X						\$10,000	
		replace seating & carpet	\$28,000					\$10,000						\$10,000	
		TOTAL		\$223,000	\$0	\$0	\$0	\$10,000	\$0	\$0	\$0	\$0	\$0	\$205,000	\$0
Education	Child Study Centre	4 child computer tables & 2 sand water tables	\$1,600						\$10,000						
		1 printer stand	\$100						\$100						
	Counselling Psychology	video equipment	\$5,500			\$5,500									
		video monitor system	\$1,000			\$1,000									
		40 chairs	\$2,000				\$2,000								
	Language Education	1 filing cabinet	\$1,000											\$1,000	
		1 computer table & 2 chairs	\$1,100				\$1,100								
		40 chairs	\$7,000				\$7,000								
	Math & Science in Ed.	2 desk- & 1 floor-podium & blackboard extension	\$8,000		\$8,000										
		VCR unit	\$600			\$600									
		80 stools & 24 tables & 2 locking cabinets	\$7,500		\$7,500										
	Physical Education	1 screen & blackboard replacement & curtains	\$7,500							X					
		video projector	\$6,588				\$6,588								
	Ed. Computing Services	18 tables & 48 chairs	\$10,964							\$10,964					
		35 chairs	\$8,750							\$8,750					
Audio Visual Media Serv.	curtains	\$2,000			\$2,000										
TOTAL		\$71,202	\$0	\$17,500	\$13,688	\$29,814	\$10,100	\$0	\$0	\$0	\$0	\$0	\$1,000		
Grad. Studies Comm. & Reg. Planning	Inst. of Asian Research	replace blinds												X	
		replace ceiling								X					
		chairs, storage, shelving, & table						X							
	Ctr. for Human Settlement	repair sound system	\$2,500		\$2,500										
		6 tables & 40 chairs	\$2,250							\$2,250					
TOTAL		\$4,750	\$0	\$2,500	\$0	\$2,250	\$0	\$0	\$0	\$0	\$0	\$0	\$0		

Supplement to UBC Reports

Faculty	Department	Request	Originator	Revised	-----category of request-----										
			Estimate	Estimate	AE1	AE2	AE3	AE4	MC1	MC2	MC3	MC4	NO		
Health Sci.	Woodward IRC	remove burlap then paint	\$5,035											\$5,035	
		paint	\$5,100											\$5,100	
		1 video projector	\$20,000				\$20,000								
		1 LCD video projector	\$5,000				\$5,000								
		1 LCD video projector (overhead)	\$6,500				\$6,500								
	TOTAL		\$41,635	\$0	\$0	\$31,500	\$0	\$0	\$0	\$0	\$0	\$0	\$10,135	\$0	
Law	Law	drywall repair	.											X	
		painting	.											X	
		100 chairs	.					X							
		10 tables	.					X							
		airconditioning unit	.												X
		curtains	.								X				
		door repair	.												X
		light replacement	\$50,000												X
		overhead projector	\$9,000				\$9,000								
		6 monitors	\$6,000				\$6,000								
		3 overhead projectors	\$7,000				\$7,000								
			TOTAL		\$72,000	\$0	\$0	\$22,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Library	Sedgwick	repair 650 chairs*	\$24,800				\$24,800								
	Woodward	replace 85 chairs	\$5,100				\$5,100								
	Main	wheelchair accessible tables	\$11,300					\$11,300							
		portable bibliographic instructional equipment**	\$14,000					\$14,000							
	TOTAL		\$55,200	\$0	\$0	\$0	\$29,900	\$25,300	\$0	\$0	\$0	\$0	\$0	\$0	
Science	Science One	Egan custom whiteboard & tracking system	\$2,800												
		4 Draper Luma manual wall screens	\$528												
		4 Egan porcelain whiteboards	\$2,280												
		3M Model 95s overhead projector	\$860												
		4 3M Model 920 overhead projectors	\$2,300												
		Slide Ektagrphic projector and trays	\$645												
		2 Bretford projection carts	\$340												
			TOTAL		\$12,748										
	Biology 200	slide projector	\$350												
		TV, VCR, & video camera	\$1,500												
		Projecting Caramate	\$650												
		2 video disk players	\$2,000												
		TOTAL		\$4,500											
	Geological Sciences	2 Overhead projectors	\$1,400												
		Re-orient seating, relocate controls, etc.	\$2,000												
		2 projection screens	\$4,300												
		Podium	\$700												
		TOTAL		\$22,653	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	Buildings:	Buchanan	video projector	\$15,000				\$15,000							
video projector			\$8,500				\$8,500								
p.a. system			\$3,000		\$3,000										
projection screens			\$2,500		\$2,500										
overhead projectors & carts			\$12,000		\$12,000										
			TOTAL		\$40,500										
Computer Science		4 overhead projectors & carts	\$2,200		\$2,200										
		speaker installation	\$3,500		\$3,500										
		speaker installation	\$3,500		\$3,500										
		lectern & p.a. improvements	\$5,000		\$5,000										
		overhead projector & cart	\$500		\$500										
		video projector installation	\$25,000			\$25,000									
			TOTAL		\$40,700										
		FNCS	video equipment	\$1,000			\$1,000								
5 overhead projectors & carts			\$3,250		\$3,250										
Hebb Theatre		lectern & p.a. improvements	\$20,000		\$20,000				\$20,000						
			TOTAL		\$23,250				\$20,000						
I.R.C.		video projector	\$15,000			\$15,000									
		classroom upgrades	\$12,000		\$12,000										
Laserre		2 slide projector system ****	\$9,500			\$9,500									
		2 slide projector system ****	\$9,500			\$9,500									
		4 overhead projectors	\$3,000		\$3,000										
Law		drapes	\$8,000						\$8,000						
			TOTAL		\$8,000				\$8,000						
MacLeod		video projector installation ****	\$25,000			\$25,000									
		p.a. system improvements	\$1,500		\$1,500										
		VCR/Cable accessories	\$1,000			\$1,000									
			TOTAL		\$27,500										
Math		speaker system	\$2,500		\$2,500										
			TOTAL		\$2,500										
Wesbrook		lecter & p.a. improvements	\$7,500		\$7,500										
		video projector	\$12,000			\$12,000									
	installation & accessories	\$12,000			\$12,000										
Media Services	a.v. maintenance														
	supplies	\$3,500					\$3,500								
	labour	\$4,800											\$4,800		
	coordination	\$6,000											\$6,000		
	contingency	\$5,000											\$5,000		
	TOTAL		\$242,750	\$0	\$81,950	\$133,500	\$0	\$3,500	\$28,000	\$0	\$0	\$0	\$15,800		
Grand Total			\$749,887	\$0	\$109,200	\$208,788	\$82,564	\$38,900	\$42,000	\$0	\$0	\$215,135	\$16,800		

* Is this being covered off in funds for the new building?

** What is the use of this?

*** Kathleen Beaumont will verbally present the next phase of the Buchanan

**** Issue of 1 or 2 - get more information - high frequency of use - is this a standard requirement?

UBC GAZETTE

Continued from Page 5

CHANGES TO STUDY LEAVES

Arts

Paul Yachnin, Dept. of English, from Jan 1, 1995 - Aug 31, 1995 to Jan 1, 1995 - Jun 30, 1995.

Commerce

W.T. Stanbury, from Jan. 1, 1994 - Jun 30, 1994 to Jan. 1, 1994 - Dec. 31, 1994.

Science

G. Stephen Pond, Dept. of Oceanography, from July 1, 1994 - Jun 30, 1995 to July 1, 1995 - Jun 30, 1996.

OTHER LEAVES

Applied Science

John Gaitanakis, School of Architecture, July 1, 1994 to Dec 31, 1994.

Roberta Hewat, School of Nursing, Sept 1, 1994 to Dec 31, 1994.

Carole Robinson, School of Nursing, Sept 1, 1994 to Dec 31, 1994.

Louise Tenn, School of Nursing, Sept 1, 1994 to Dec 31, 1994.

Arts

Joshua S. Mostow, Dept. of Asian Studies, July 1, 1994 to June 30, 1995.

Catherine Swatek, Dept. of Asian Studies, Sept 1, 1994 to Aug 31, 1995.

Kenneth R. Lum, Dept. of Fine Arts, July 1, 1994 to June 30, 1995.

Jeff Wall, Dept. of Fine Arts, July 1, 1994 to June 30, 1995.

David W. Edgington, Dept. of Geog-

raphy, Sept 1, 1994 to Aug 31, 1995.

Patricia Shaw, Dept. of Linguistics, Sept 1, 1994 to Dec 31, 1994.

Richard Johnston, Dept. of Political Science, Sept 1, 1994 to May 31, 1995.

David J. Albert, Dept. of Psychology, Jan 1, 1995 to Dec 31, 1995.

Charles E. Siegel, Dept. of Theatre & Film, July 1, 1994 to June 30, 1995.

Commerce

Espen Eckbo, Jan 1, 1995 to June 30, 1995.

Murray Frank, July 1, 1994 to June 30, 1995.

Burton Hollifield, Sept 1, 1994 to Aug 31, 1995.

Mihkel M. Tombak, Sept 1, 1994 to August 31, 1995.

David Tse, July 1, 1994 to June 30, 1995.

Josef Zechner, Aug 1, 1994 to July 31, 1995.

Dentistry

Lance Martin Rucker, Dept. of Clinical Dental Sciences, Sept 1, 1994 to Aug 31, 1995.

Education

Arthur J. More, Dept. of Educational Psychology & Special Education, Sept 1, 1994 to Aug 31, 1995.

Rita Watson, Dept. of Educational Psychology & Special Education, July 1, 1994 to June 30, 1995.

Alison Dewar, School of Human Kinetics, Sept 1, 1994 to Aug 31, 1995.

Robert Sparks, School of Human Kinetics, Jan 1, 1995 to Dec 31, 1995.

Law

Robin Elliot, July 1, 1995 to June 30, 1997.

Science

Samuel T. Chanson, Dept. of Computer Science, Jan 1, 1994 to Dec 31, 1995.

CHANGES TO UNPAID LEAVES

Arts

Keizo Nagatani, Dept. of Economics, from Sept 1, 1994 - Aug 31, 1995 to July 1, 1994 - June 30, 1995.

ADMINISTRATIVE LEAVES

Arts

Olav Slaymaker, Dept. of Geography, July 1, 1995 to August 31, 1996.

Errol Durbach, Dept. of Theatre & Film, July 1, 1994 to June 30, 1995.

Commerce

Donald A. Wehrung, July 1, 1994 to June 30, 1995.

Education

Murray Elliott, Dept. of Educational Studies, July 1, 1994 to June 30, 1995.

Ron MacGregor, Dept. of Curriculum Studies, July 1, 1994 to June 30, 1995.

Medicine

Judith Johnston, School of Audiology & Speech Sciences, Jan. 1, 1995 to June 30, 1995.

Phil Bragg, Dept. of Biochemistry, July 1, 1994 to June 30, 1995.

Classified

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The deadline for the September 8, 1994 issue of UBC Reports is noon, August 30.

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SUBLET UBC Endowment Lands, Aug. 23, '94-Sept. 1, '95. Furn. 2 bdrm, row housing with basement. Shared backyard. Kings Rd. behind UBC village. 5 min. walk to campus. \$975/mo. incl. hydro, cable, w/d. N/S, references, damage deposit reqd. Peter (604) 228-1815.

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NONSMOKING PROFESSIONAL couple require furnished or unfurnished house or condo near UBC. Will housesit or reasonable rent. Call Linda at (403) 433-8288 or 492-4638 (daytime).

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HOUSING WANTED Non-smoking professional couple seek a furnished house or apartment to rent from Jan. 1 to June 30, 1995. Strong preference for on or near UBC campus. Call David at 224-3751 or 822-8216 (daytime).

Faculties exceed expectations during fund-raising drive

More than \$60,000 has been raised during alumni telephone fund-raising campaigns recently held by UBC's faculties of Forestry, Law and Medicine.

The faculties of Forestry and Law, which expected to raise \$7,500 each, exceeded their goal by about 30 per cent.

Forestry raised more than \$12,000 to support the Faculty Endowment Fund, the Marc Gormley Memorial Bursary and the recently established Brenda Hansen Memorial Scholarship, which will benefit graduate students specializing in integrated forest research management and timber supply analysis.

The Faculty of Law raised more than \$10,000 for the Dean of Law Fund and the Friends of the Law Library Fund.

In addition to funding student conferences, faculty research projects, guest lecturers and equipment purchases, the Dean of Law Fund will also support activities planned to celebrate the faculty's 50th anniversary throughout 1995.

Medical alumni pledged more than \$30,000 to help finance completion of the UBC Medical Student and Alumni Centre. Phase one of the 7,000-square-foot centre was completed in 1990. Plans for phase two of the centre include the construction of meeting rooms, an exercise room, showers, lockers and storage space.

More telepledge campaigns by other UBC faculties are being planned.

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People

by staff writers

D r. Peggy Ross, a clinical associate professor of Anesthesia, has been appointed associate dean, Equity, in the Faculty of Medicine for a three-year term.



Ross

The newly created position is the only one of its scope at any Canadian university.

Ross, a graduate of UBC's Faculty of Medicine, completed a fellowship in Anesthesia at the University of Toronto before becoming the first woman on staff in the Dept. of Anesthesia at Toronto Western Hospital.

A past president of the Federation of Medical Women of Canada (B.C. branch), she also served as director of UBC's Obstetrical Anesthesia Resident Training Program from 1984 to 1992.

Ross is currently chair of education of B.C.'s Women's Hospital and Health Centre Medical Advisory Committee and chair of the hospital's Outreach Education Committee.

As the associate dean, Equity, Ross is responsible for issues related to gender, human rights, minorities and the disabled of concern to students, residents and faculty in the Faculty of Medicine.

••••

S teve Crombie, manager of Media Relations in the Community Relations Office, has been named as a director of the Council for the Advancement and Support of Education, District VIII.

The district represents professionals in public affairs, development, alumni and government relations working at post-secondary institutions in B.C., Alberta, Washington, Oregon, Idaho and Montana.

Crombie's appointment is part of an effort to improve Canadian representation at the U.S.-based organization.

••••

P eter Ufford, vice-president of External Affairs, has been appointed to the Sport B.C. board of directors for a two-year term.

Ufford joins Kim Gordon, intercollegiate co-ordinator in the Dept. of Athletics and Sport Services, who has been a board member since 1993.

Sport B.C. is a non-profit society founded in 1965 to maximize sport participation and excellence in the province. Members include more than 80 provincial sport organizations. Ufford has also been appointed to the Board of Governors of Olympic Trust.

••••

UBC's Development Director **Ron Dumouchelle** has been named president of the Canadian Council for the Advancement of Education (CCA).

Dumouchelle, who was vice-president of the CCAE in 1993-94, will serve a one-year term.

He became director of the Development Office in 1988 and since that time has played an instrumental role in the university's major capital campaign, A World of Opportunity, the most successful fund-raising campaign ever conducted by a Canadian university.

The CCAE is a national organization with members drawn from more than 150 universities, colleges and related organizations. Members are professionals in the fields of alumni relations, fund raising and development, public affairs and marketing, information services, and government relations.



Dumouchelle

••••

D r. Martin Hollenberg, dean of UBC's Faculty of Medicine, is the recipient of the 1994 J.C.B. Grant Award, the most prestigious award presented by the Canadian Association of Anatomists (CAA).

The award recognizes the outstanding contributions of a senior Canadian anatomist in the field of anatomical sciences.

Hollenberg, who was appointed dean in 1990, was a professor in UBC's Dept. of Ophthalmology from 1971 to 1975, and an honorary professor in the Dept. of Ophthalmology.

Since his first appointment to UBC, he has served as professor and head of Morphological Science at the University of Calgary, the dean of medicine at the University of Western Ontario and the associate dean of research in the Faculty of Medicine at the University of Toronto.

Hollenberg's areas of research are retinal regeneration and high-resolution scanning electron microscopy.

He was presented with the award in Montreal on June 17 at the CAA's annual banquet.

••••

P hysics Prof. Myer Bloom has been awarded the highest Danish academic degree, doctor technicus honoris causa, from the Technical University of Denmark for his outstanding and fundamental contributions to the physics and chemistry of biological systems.

Members of the Danish Royal Family and the minister of education were present at the May 6 ceremony. Conferral of this honorary degree is a rare event. Bloom is the only recipient this year and the last time it was bestowed was in 1992.

The award recognizes his outstanding research in the use of nuclear magnetic resonance techniques in chemical physics, condensed matter physics and biophysics.

Bloom, who is also director of the Canadian Institute for Advanced Research Program on Science of Soft Surfaces and Interfaces, has collaborated for 15 years with researchers at the Danish Technical University.



Abe Hefter photo

Fearless Flyer

Secured in a spotting harness, five-year old Pippa Mackie flies through the air with the greatest of ease while bouncing on a trampoline during a session at a gymnastics camp, organized by UBC Community Sport Services. The camp, which is open to all ages, continues until Sept. 2. The fall gymnastics program begins Sept. 26. For more information call 822-3688.

UBC athletes, coaches in Commonwealth Games

by Abe Hefter

Staff writer

Seven athletes and three coaches from UBC will represent Canada at the 1994 Commonwealth Games, Aug. 18-28, in Victoria.

Zeba Crook, Graeme Fell and Jeff Schiebler will take part in the athletics competition while Paige Gordon is the only Canadian entered in the three diving events.

Schiebler and Crook will take winning performances into the Commonwealth Games. Schiebler finished first in the 5,000-metre event at the Canadian Track and Field Championships last month in Victoria, while Crook won the 3,000-metre steeplechase.

Fell, the Canadian record holder in the 3,000-metre steeplechase, was selected after meeting qualification standards for the 1994 Goodwill Games.

Gordon won a silver medal in the three-metre springboard event and a bronze in the 10-metre platform competition at the Senior Summer Nationals held last month in Nepean, Ont. She will compete in those events in Victoria as well as the one-metre event competition and is a definite threat to come away as a triple-medalist.

Kevin Draxing and Turlough O'Hare, two alumni swimmers, will be heading to the Commonwealth Games as well, as will

alumni distance runner Carey Nelson.

UBC track and field coach Carmyn James will be the assistant coach and jumps coach for the Canadian track and field team. Mike Murray, who works with the track and field team at UBC, will be the sprints and relay coach, while UBC swim coach Tom Johnson will work as an assistant coach on the Canadian swim team.

Gymnastics coach Jeff Thomson will work the games as the head Canadian judge for the men's gymnastics competition.

In addition, the Allan McGavin Sports Medicine Centre will be well represented at the games with co-directors Dr. Doug Clement and Dr. Jack Taunton contributing their expertise.

Clement will be co-mayor of the Athlete's Village, along with his wife, Diane, while Taunton will be a host physician. They will be joined from the centre by Dr. Connie Lebrun, who is on the games' medical commission, physiotherapist Trish Hopkins, as well as Heather Biagi, Nancy McLaren, Linda Filsinger, and Suzanne Muir, who will work in doping control, along with promotions co-ordinator Malcolm Smillie.

Dr. Bob McCormack, an assistant professor of the Faculty of Medicine, will be the chief medical officer for the Canadian team.

Forum

Replacing the GST: Consumption tax alternative

by Jon Kesselman

(Jon Kesselman is a professor of Economics and director of the Centre for Research and Economic and Social Policy at UBC. This column is based on an article to be published in the *Canadian Tax Journal*.)

Replacing the Goods and Services Tax (GST) has turned into a much thornier task than the federal government ever anticipated. Overlooked in this exercise is a much simpler, more direct way of operating a consumption tax. Instead of applying to each outlay, a Direct Consumption Tax (DCT) would be applied to the sources of funds for spending.

A tax like the GST is based on the value added in a business, which can be divided into the total labour compensation plus the cash flows to business. A DCT would tax each of these components at source at a flat rate. The tax would be applied to all employee pay and taxable benefits, all pensions and retirement benefits, and public transfers that are not income-tested.

A DCT would also apply to the cash flows of businesses, whether non-corporate or corporate and regardless of their size. Cash flow is similar to taxable income except that it allows full write-off of capital purchases rather than a depreciation allowance, and it does not allow deduction of interest expense. As a consumption tax, the DCT would not apply to capital income such as interest, dividends and capital gains.

While the DCT would be applied at a flat rate, households at lower incomes would receive compensation for their DCT through refundable tax credits. Since these payments could be based on the actual DCT paid, the compensation would be much better targeted and less costly than that for the GST.

Careful analysis finds that a DCT would be similar to the GST in its major economic properties such as incentives for savings, investment, and work effort; labour demand and unemployment; and international trade competitiveness. Moreover, the DCT's greater neutrality in application to smaller businesses and across sectors of the economy, including the public sector, would improve the economy's efficiency.

The DCT would operate as a supplement to existing excise, personal, and corporate taxes. For example, its application to employees would involve additional sums withheld against taxable compensation and remitted by employers along with regular personal tax and social insurance premiums. Business cash flows would be taxed in the personal and corporate taxes by a simple add-on using several adjustments to net taxable income.

The DCT would carry far less operational costs for government and business than the GST. It would save at least three-quarters of the GST's \$500 million annual administrative costs and its \$1 billion to \$1.5 billion compliance costs. Total savings to the economy would exceed \$1 billion per year.

The transition to a DCT could be extremely simple, rapid and inexpensive. It would entail nothing like the disruptions of instituting the GST, which have caused many groups, particularly from the business community, to oppose major changes for the GST.

Several options are available for replacing the GST with a DCT that would raise the same net revenues. If combined with excise tax increases on alcohol, gasoline, and tobacco products to offset the removal of the GST, the DCT would need a rate of 2.9 per cent. If further combined with a continued tax of seven per cent on new cars and homes (but not home repairs and renovations), the requisite rate would drop to 2.2 per cent.

If instead of firing the GST bureaucracy of some 5,000 employees, they were reassigned to tougher enforcement of existing tax laws and an all-out attack on the underground economy, a DCT rate in the range of 1.5 per cent might be feasible.

A DCT also offers opportunities for improved balance in federal-provincial finances. Each province could set its own rate of DCT, with the

feds operating and collecting the tax for them. With federal transfers correspondingly reduced, the provinces would be more accountable for their spending and taxing decisions. Applied in this fashion, the DCT might be labelled a National Health and Education Levy.

A Direct Consumption Tax offers important advantages over proposals advanced by the government and the House Finance Committee. Those proposals focus on the harmonization of provincial retail sales taxes with the federal GST.

- A DCT would eliminate the complexity and operational burdens of the GST, which include special treatment of particular industries and transactions, such as insurance, real estate, financial services, the public sector, non-profit groups, imported services, leasing, fringe benefits, and many others.

- A DCT would remove the remaining economic distortions of the GST, which impose competitive biases between small firms and larger firms, the public and private sectors, and particular industries. This would improve the economy's efficiency and equity.

- Unlike the GST, a DCT would provide broad coverage of all goods and services, since it applies to the sources rather than uses of funds. A DCT would effectively cover items that are controversial under an indirect tax, such as books and groceries.

- A DCT would avoid the need to raise marginal rates of personal income tax that is part of the government's current proposal. It could even allow for a reversal of the high-income surtax hikes that accompanied the introduction of the GST, yielding salutary effects on savings, avoidance, and evasion behaviours.

- Even with such changes, the DCT would be substantially less regressive than the current GST. The DCT would also avoid the GST's tax burdens and cash flow strains on lower-income persons reliant on income-tested transfer programs; they would not pay DCT.

- Applied as a direct tax rather than on individual purchases or at the border, the DCT would reduce the incentives to smuggle, enhance the attractions of Canada to foreign tourists, and attack the growing numbers of Canadians residing abroad part-year who avoid the GST both when they earn in Canada and when they spend abroad.

- A DCT would be much less prone to evasion than the GST. Tax would be withheld at source and applied at a much lower rate than the GST, and a DCT would remove the lever for consumers to bargain. Conversely, GST harmonization would raise the effective tax rates on many services, the area of the economy most vulnerable to evasion.

- As an explicit deduction from pay cheques and other taxable payments, a DCT would retain a high degree of visibility while eliminating the irksome properties of the GST for consumers. This is vital for maintaining the accountability of governments, which would be sacrificed under proposals for tax-inclusive pricing with a reformed GST.

- Unlike the official proposals, implementing a DCT would not require agreement of the provinces. Achieving such assent, if it is possible at all, might entail costly compromises to other aspects of the tax and fiscal systems.

- A DCT would not shift a larger tax burden from businesses to consumers, which would be involved under official proposals to harmonize the provincial sales taxes with a system that provides input credits for all business purchases.

- While replacing the GST with a DCT would not harmonize the two indirect taxes, it would eliminate the indirect tax that is by far the more costly, complex, and burdensome to operate. It would also bring Canada's tax mix more into line with that of our major trading partner and free up our borders.

The government's current proposal would serve to enlarge the GST, albeit under a new name. Instituting a Direct Consumption Tax would allow the government to deliver on its original promise to scrap the GST and also yield significant economic benefits.



Abe Heffer photo

Ready For A Crisis

A member of the Hazardous Materials Response Team (HAZMAT) practises first aid skills on Dorit Mason, an assistant in the Dept. of Health, Safety and Environment, during an emergency drill. University Endowment Lands Fire Dept. members responded to the staged situation in which Mason was to have spilled boiling radioactive material in the Biological Sciences Building.

News Digest

A weekly list of travel bargains highlighting last minute specials to various destinations and promotional fares on upcoming departures is available to UBC faculty and staff from UBC's travel program co-ordinator in the Purchasing Department.

In addition, faculty and staff are now eligible to receive discounts at Vancouver Airport's main and economy parking lots with presentation of a university identification sticker, also available upon request from UBC's travel program co-ordinator.

For more information, call 822-5878 or fax 822-3261.

U.S. pharmaceutical manufacturer Burroughs Wellcome Inc. is extending its competitive awards programs to Canadian researchers in the basic medical sciences.

More than \$9 million US in awards, worth more than \$500,000 each, will be available to up to 12 Canadian and American scientists beginning in 1995.

For more information, write to The Burroughs Wellcome Fund, Morrisville, North Carolina 27560-9771 U.S.A.; phone (919) 991-5100 or fax (919) 941-5884. Deadline for applications is Oct. 1, 1994.

The B.C. Health Research Foundation, the B.C. Medical Services Foundation and the P.A. Woodward's Foundation are collaborating to make \$110,000 available to support nursing research.

Information and application packages for the new initiative, called the Nursing Research Competition, are available from the B.C. Health Research Foundation which is administering the program.

The deadline for submission of proposals is Oct. 17, 1994.

**The UBC Project:
Reconciling Human Welfare and Ecological Carrying Capacity**
presents:

Dr. Herman E. Daly

School of Public Affairs
University of Maryland

Woodward Instructional Resource Centre
Lecture Theatre 2
Thursday September 8, 1994
8 pm

"Fostering Sustainability"

Herman Daly is one of the founders of the field of ecological economics. This new vision of economics explores the conflict between traditional economic goals and ecological constraints to economic activity. Known for the elegance of his writing and the clarity of his analysis, Daly is the author of many books and articles. Twenty years after the publication of his visionary work, *Steady State Economics*, Daly's analysis is being used as a new framework for academic research and social policy. Daly's work has been concerned with both the conceptual issues in ecological economics and with developing policy actions for creating a sustainable economy.

For information call 822-9150