THE UNIVERSITY OF BRITISH COLUMBIA

UBC REPORTS

Volume 42, Number 3 February 8, 1996

Int'l students to pay full fees, rise to 15% of total enrolment

UBC's international student enrolment will be targetted to rise over time to 15 per cent of total enrolment under a proposal adopted Jan. 25 by the university's Board of Governors.

International students attending UBC in undergraduate and professional programs will be charged the full cost of their tuition under the proposal, which has been widely discussed on campus since its introduction two years ago.

"This furthers our goal of internationalizing the university and strengthening links which benefit UBC, its students, and Canadians without any additional expense to the university," said UBC President David Strangway.

"No B.C. or Canadian student will be displaced as a result of increasing international enrolment," he said, explaining that the added number of international students will be over and above the number of domestic student places currently funded under provincial government policy.

Admission standards for international students will be at least as high as those for Canadian students.

There are 974 international students in undergraduate programs at UBC—who pay 2.5 times the domestic tuition rate—representing about four per cent of total undergraduate enrolment. There are 1,229 international students in graduate programs—who pay the domestic tuition rate—representing about 22 per cent of total graduate enrolment. For example, a first-year domestic undergraduate student in Arts currently pays about $2,300 in tuition, while an international student pays about $5,700.

International student tuition in undergraduate programs and some professional programs will rise to about $14,000. In graduate, non-research programs the fees will range from $19,500 to $25,000. In professional programs such as dentistry and medicine, the tuition will be about $30,500.

Fees for international students enrolled in graduate research programs will remain at the domestic rate, reinforcing UBC's mission to attract the best research students from around the world and encourage reciprocal opportunities for B.C. students, Strangway said.

A portion of the fees will be allocated for scholarships and financial awards for international students. Another portion will be allocated for a special fund for minor capital projects related to teaching and learning. Seventy per cent of the balance of the fees will be allocated to the faculty enrolling the students, and 30 per cent will be allo-

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D. Thomson photo

Three Wheelin'

The annual tricycle race on the SUB plaza was one of several attractions held last month by the Science Undergraduate Society to celebrate Science Week. Another yearly favourite, the popular Beyond First Year event, drew well over 1,000 students to the SUB ballroom to explore program options available after first year in science and eight other faculties. For more information about the Beyond First Year program call 822-4541.

Diverse challenges require Library action

by Connie Bagshaw

Staff writer

Neglect of UBC's library collection and special collections is among the concerns cited in an internal report examining the operation of the Library and its role in support of the university's mission.

"The committee heard many, often urgent expressions of concern that the collection was now at grave risk, its ability to respond to the needs of future users already endangered if not actually compromised," the report says.

The committee found that, not unlike its counterparts worldwide, the UBC Library faced budgetary, technological and academic challenges to building its collections.

The Committee to Review the University of British Columbia Library, chaired by Law Dean Lynn Smith, was established in 1994 by the office of the vice-president, Student and Academic Services.

Committee members included representatives from the Alma Mater Society, the Graduate Student Society and several faculties including arts, science and education.

"Possibly the greatest challenge facing the library is achieving recognition as a provincial resource," Smith said in an interview.

"It is a major resource library, heavily used by people outside of the UBC community and by people outside of the academic community. Official recognition of its broader role by relevant provincial agencies, and special funding by the government acknowledging the services the library provides to the wider community, are highly desirable."

While commending the Library and UBC administration for moving decisively to meet these challenges and for finding creative solutions to many of the existing problems, the report indicated that the Library should increase its commitment to raising an endowment for collections.

See report summary, page 7

It also called for the Library to review its present arrangements for the management and development of special collections, expressing concern at "the relative lack of importance accorded in recent years to the development of the Library's special collections."

Noting the historical significance, uniqueness and value of the holdings, the report urged the university to coordinate the resources more closely with local academic programs.

Provision of proper environmental conditions for the long-term preservation of

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Celebrate the Arts

The fourth annual Arts Fest begins today, Feb. 8, with a full line-up of theatre, film, music, visual art and literary events that continue through to Saturday, Feb. 10.

"The creative and performing arts are a vital part of campus life and this is one way of drawing peoples' attention to that," said Herbert Rosengarten, head of the English Dept.

During Arts Fest, five departments—Creative Writing, English, Fine Arts, Music, and Theatre and Film—join forces to showcase the talents of their students.

Among the musical offerings is a celebration of choral music and jazz by distinguished UBC alumni performed by the Vocal Collegium Musicum and

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She wasn't that popular when she was alive. So why now?

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Doug Ross's invention may look like a beer can, but it's worth millions

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cated to the enhancement of support services.

International students on approved exchange programs will be exempted from new fee rates and will pay either tuition fees in their home university or the same tuition as Canadian students.

The program will be phased in on a faculty-by-faculty basis beginning in the 1996/97 school year. However, international students currently enrolled will not be affected by the changed fee structure until 1997/98.

To date, faculties have been encouraged to include about five per cent international students in their enrolments. Now, they may add up to an additional 10 per cent, for a maximum of 15 per cent international students in their enrolment quotas.

Domestic tuition rates for 1996/97 have not yet been set.

Arts Fest

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UBC Jazz Ensemble with guest Ian McDougall on trombone.

From Theatre come performances of *Thirst* by Eugene O'Neill, *Washington Square* by Henry James, *Medea* by Larry Fineberg and *Never Swim Alone* by Daniel MacIvor. "Brave New Play Rites—Undressed" features readings of plays written by Creative Writing students.

As well, there are video screenings of films by UBC film students, a performance of Javanese Gamelan music and dance and student art works that explore the ideas of mass production and consumption.

Arts Fest is interactive, too. Students from any faculty are welcome to take part in a series of contests with cash prizes sponsored by the English Dept.

Students are invited to read 500-word short stories that must end with the line, "You can't make an omelette without breaking eggs." A public speaking competition has as its topic, "Love, like youth, is wasted on the young."

The poetry contest is especially popular, drawing enthusiastic participants and large audiences, Rosengarten said.

Most Arts Fest events are free of charge, although some charge an admission fee. All proceeds, including those from the English Dept. book sale, help fund student scholarships.

For more events listings pick up a copy of the Arts Fest brochure available at various locations on campus.

Library

Continued from Page 1

the collections was also recommended.

A new library system to replace various local systems and access to and control of the virtual library of the future are the two major technology concerns confronting the Library as identified by the committee.

"Ongoing technological changes and consequential demands on the library are formidable and will continue to escalate at an ever-increasing rate for the foreseeable future," the report said.

Applauding the Library's proposed restructuring plan to meet the demands and costs of new technological advances, the committee suggested that the university provide one-time funding representing about 50 per cent of the cost of a new library computer system.

Inadequate, inefficient space is another major challenge facing the UBC Library, especially in Main Library, one of 10 on-campus branches, which has undergone five additions since its completion 70 years ago.

"The result is a structure which is considered to be one of the worst library buildings in North America," the report said.

"Space in the Main Library is cramped, with about 20 per cent of its bookshelves being overloaded. There is concern that poor environmental conditions in the building imperil the preservation of its holdings, valued at hundreds of millions of dollars, particularly the sometimes delicate and irreplaceable material in special collections."

The Library currently has over 3.2 million books, 25,800 serial subscriptions and 5.5 million non-book items, including CD-ROMs, computer files, maps, sound recordings and microforms.

In addition to the campus branches, the Library has three off-campus sites at St. Paul's Hospital, B.C.'s Children's Hospital and at the Vancouver Hospital and Health Sciences Centre.

Other space-related problems raised by the committee in its report included a lack of study space, poor seismic durability and physical access barriers for people with disabilities.

The committee stated that although phase one of the Koerner Library, which is currently under construction, is a welcome addition to the library system, it will not address what the report described as serious shortcomings of library space.

Commenting on the accountability and overall effectiveness of the Library staff, also within the committee's mandate, the report said that "UBC reaps enormous benefits from the high quality of its staff. They are largely responsible for the fact that the Library, in face of recurring crises, continues to serve its clientele in an exemplary fashion."

However, the committee noted that Library personnel felt unappreciated and under-recognized by the university as a whole.

Upon examination of the Library's organizational structure, the committee recommended that decision-making responsibilities and internal reporting arrangements be clarified, perhaps with the assistance of a management consultant.

The committee was assisted by an external review panel of five librarians from other institutions including Yale University and the University of Toronto.

"The contribution of these eminent librarians from excellent institutions was invaluable," Smith said. "Our report built on their expertise and extensive knowledge base."

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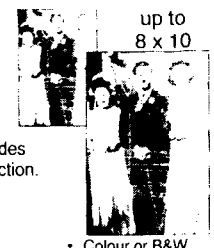

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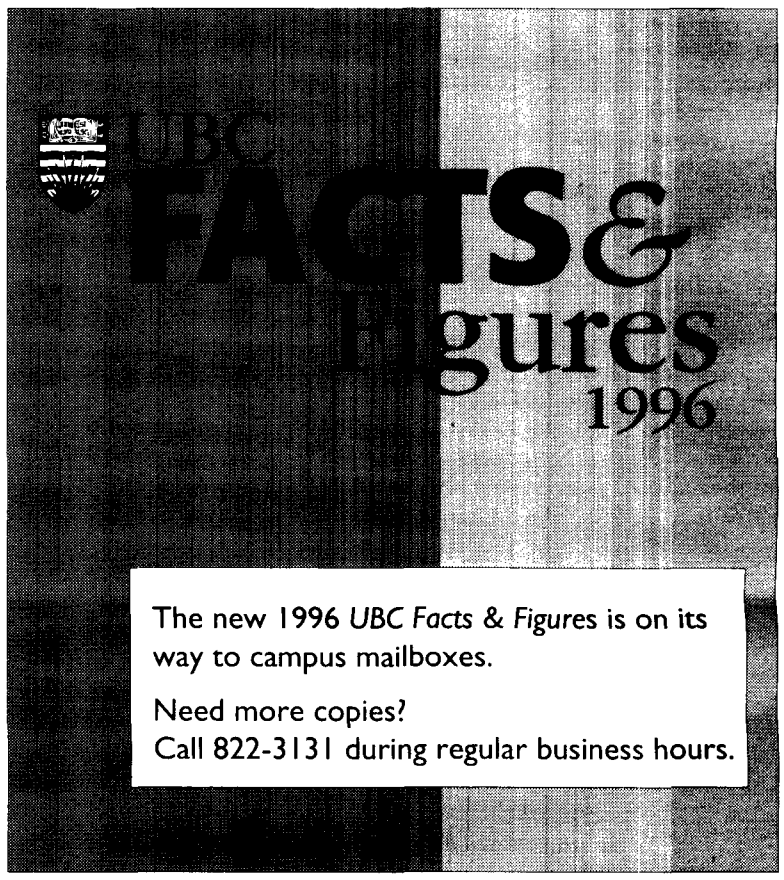

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Associate Director, University Relations: Steve Crombie (stephen.crombie@ubc.ca)
Managing Editor: Paula Martin (paula.martin@ubc.ca)
Editor/Production: Janet Ansell (janet.ansell@ubc.ca)
Contributors: Connie Bagshaw (connie.filletti@ubc.ca), Stephen Forgacs (stephen.forgacs@ubc.ca) Charles Ker (charles.ker@ubc.ca), Gavin Wilson (gavin.wilson@ubc.ca).

Editorial and advertising enquiries: (604) 822-3131 (phone), (604) 822-2684 (fax).

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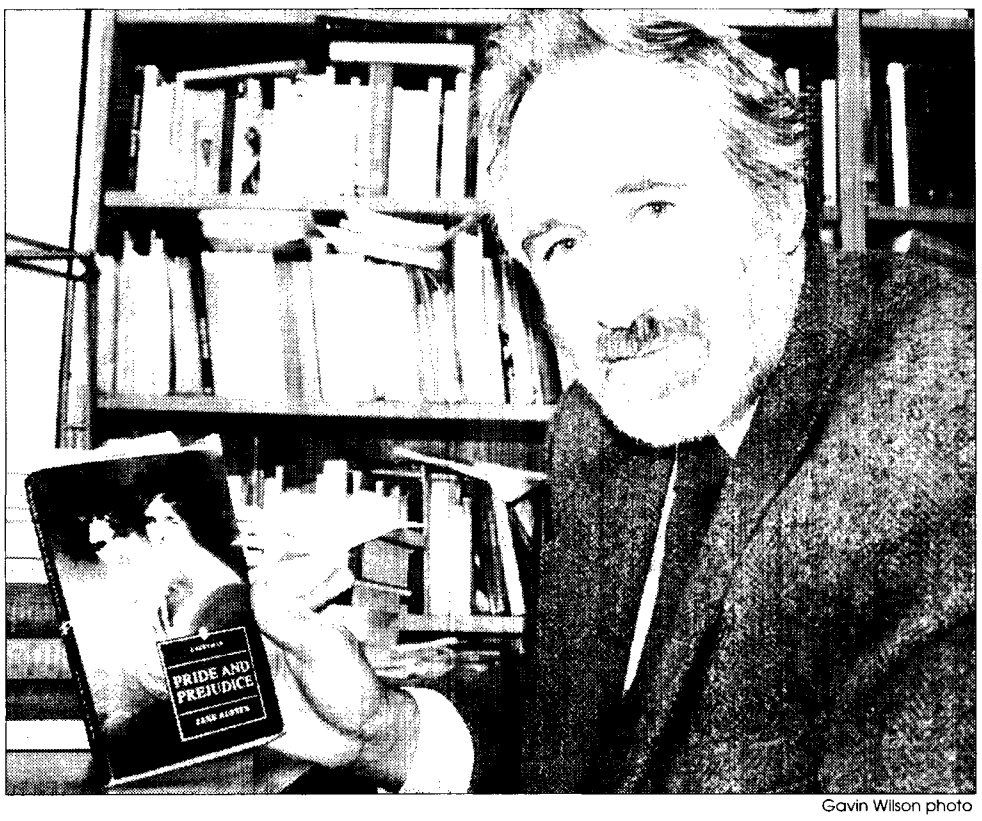


Gavin Wilson photo

English Prof. Ronald Hatch may not have seen many of the recent film versions of Jane Austen's novels, but he has re-read them all many times and recently taught a graduate seminar on the early 19th-century British novelist, whose work is currently undergoing a tremendous revival.

Ironic wit, characters, root of Austen revival

by Gavin Wilson

Staff writer

Was Jane Austen the "gentle Jane" worshipped by legions of admirers, or a revolutionary firebrand intent on upsetting the status quo of 19th-century Britain?

That's the major debate that has occupied Austen scholars for the past 50 years, but English Prof. Ronald Hatch believes in a more balanced approach toward this author of complex, richly layered novels.

Austen, of course, is undergoing an extraordinary revival right now, particularly on screen. "Sense and Sensibility" is expected to claim many Academy Award nominations, "Persuasion" and "Pride and Prejudice" were recently on view and more than one film version of *Emma* is in production. Even the movie "Clueless," set in a Beverly Hills high school, was a parody of *Emma*.

All this for a writer who never published under her own name, whose books were not that popular during her lifetime and who died at the age of 42.

When Austen enjoyed an immense popularity earlier this century, she was seen as "gentle Jane" who wrote quiet comedies of manners. This is the Austen who is today worshipped by the Janeites, her reverential fans.

But there are literary critics who would put Austen in the same camp as Mary Wollstonecraft, author of *A Vindication of the Rights of Woman*, and other writers inspired by the radical ideas of the French Revolution, Hatch said.

They cite Austen's underlying anger against the constraints of society, often expressed in her portrayal of her minor characters. Virginia Woolf said of these characters that Austen cuts off their heads, but they don't even know they are missing.

Another aspect of the revolutionary tradition often cited in Austen's books is her portrayal of the patriarchy's decline, Hatch said.

Fathers are incredibly weak in her six novels. They can no longer lead and women must make their own way in the world.

Hatch, however, believes that we should see Austen in perspective and not get caught up in revolutionary versus gentlewoman debate.

"She is ruthless with many of her minor characters, but it is with a humourous acidity. There is a great deal of warmth and optimism there," he said.

Austen's novels have a complex view of society that is not easy to peg, he added.

"She does not have an ideological bent, but rather encourages us to be attentive to things as they are, and then act on that knowledge—which admittedly is not always easy to do."

One thing that is not in dispute is her popularity and the reasons for it. Her novels are rich with characterization, ironic wit and style.

While Hatch does not feel an urgent need to see the current crop of Austen films, he avidly re-reads her novels.

"I don't know how many times I've read her. My wife complains that I'm always in bed with Jane Austen."

Device to monitor infant distress

by Stephen Forgacs

Staff writer

Two UBC engineering professors are working toward the development of a device that will alert hard of hearing and deaf parents to the distress cries of their infant.

Electrical engineering professors Rabab Ward and Charles Laszlo have completed the first stage of their project by developing software that can determine distress levels in an infant's cry.

"It is a concern for hard of hearing and deaf people to know that when a child cries, they can respond in the appropriate manner," said Laszlo, director of the Institute for Hearing Accessibility Research (IHEAR).

At present, deaf and hard of hearing parents must take turns watching their sleeping infant or rely on monitoring devices that will wake them whenever a noise is detected. These devices do not discriminate between an infant's normal sleeping noises, environmental noises and cries of distress.

Laszlo and Ward, a specialist in signal processing and pattern recognition, used a special computer system to chart frequencies and patterns in hundreds of infant cry recordings made by UBC Psychology Prof. Ken Craig and B.C.'s Children's Hospital psychologist Dr. Ruth Grunau.

"We put cries into the computer and then tried to break them into basic common units. We identified 10 such units, something like specific utterances, in the cries," Ward said, adding that five-level scale of distress was developed using the frequency of occurrence of specific "cry units."

To help differentiate cries of distress from other baby noises and rank them, graduate students with young children spent hours listening to recorded cries.

"We found the level of distress judged by parents is very well correlated with the levels of distress measured by our system using the cry units," Laszlo said.

Laszlo and Ward are now looking for funding that will lead to the development of a practical device that will notify parents if cries of distress are detected.

"With more work we can build a system where the computer will look at these cries, analyse them and say 'it's distress level one' or 'it's distress level five—time to wake the parents up,'" Ward said. "The method we have now works but it requires rather substantial computing resources."

Laszlo said researchers in psychology, linguistics and pediatrics are doing complementary research and there are opportunities for co-operation in further work.

"With a new, faster, cheaper and more practical device, we want to look at large numbers of infants with known medical conditions to actually explore the domain of cries and see whether the method we have developed can contribute to the diagnosis of these conditions," Laszlo said.

Craig and Grunau, who have been doing related research for a decade, have been making video and audio recordings of babies' reactions during invasive medical procedures such as blood collection and injections. The recordings have been analyzed to break down facial activity and cries to see whether there are stereotypical displays associated with the experience of pain.

"These measures have considerable potential for examining the effectiveness of analgesics (pain killers) on young children who cannot report their pain," Craig said.

Offbeat

by staff writers

A team of UBC engineering students made the discovery last summer that, contrary to popular belief, what goes up does not always come down.

After a first-place finish in the first annual Canadian Aeronautics and Space Institute's national free flight model glider competition in 1994, the UBC team entered the 1995 competition in Hawkesbury, Ont., with high expectations.

The team arrived in Ontario with a highly sophisticated but largely untested glider. They claimed top marks in the oral presentation but ran into problems early in the flight part of the competition. The glider, with its 2.8-metre wing span, showed a distinct preference for performing loops on a vertical plane, each time charting a course that led without fail to an abrupt meeting with Mother Earth.

Finally, on the third day of the competition, the team thought it had the bugs out. The launch procedure was refined, the glider's stability was improved, and the bird was ready to fly.

After a successful launch the glider began a series of slow climbing loops on, for the first time, a horizontal plane. But the team's celebratory mood turned quickly to one of consternation as the glider climbed steadily higher, spiraling in a thermal, until the distant glint of sunlight on its fibreglass panels was the only trace.

Team members searched for hours but, in the words of the team members, "the glider had sacrificed itself and was gone to where it belonged."

In spite of the glider's disappearance, the team still came in second.

Spectrum of student politicians elected

by Connie Bagshaw

Staff writer

Fourth-year arts student David Borins has moved to top spot on student council after serving one term as Alma Mater Society (AMS) co-ordinator of external affairs.

Borins will serve a one-year term as AMS president beginning Feb. 14. Lica Chui, a first-year medicine student, will fill the vice-president's job.

Also elected to AMS executive positions are: Ryan Davies, third-year applied science, as director of finance; Jennie Chen, second-year arts, as director of administration; and Allison Dunnett, third-year arts, as co-ordinator of external affairs.

Tara Ivanochko, third-year science, has been elected to serve a one-year term as student representative to the Board of Governors. Ivanochko was AMS director of finance last year. Joining her on the board is Cheng-Han Lee, a third-year science student.

In Senate elections, five student candidates for senator-at-large have been confirmed, as well as six student representatives from individual faculties.

There were no Senate nominations for the faculties of Agricultural Sciences, Applied Science, Commerce and Business Administration, Education, Forestry and Science.

In referenda held in conjunction with the AMS executive elections, UBC students voted overwhelmingly in favour of increasing their fees an additional three dollars per year for the next three years to establish a child-care bursary fund.

Students also supported a move to reallocate the current seven dollar AMS athletic fee toward external and university lobbying, the World University Services Canada Refugee Fund, AMS resource groups and to Intramurals. Fifty per cent of that amount, or $105,000, will go to external lobbying.

In a third referendum, the Student Radio Society, which operates CiTR, was denied its bid for financial autonomy from the AMS by students who did not approve a five dollar per year fee increase to support the station.

Academics campaign for informed drug use

by Charles Ker

Staff writer

James McCormack began his crusade for better prescription drug use in B.C. long before the provincial government introduced its controversial reference-based pricing policy.

Still, his involvement in a government-sponsored program aimed at evaluating the effectiveness of new and existing drugs has led some in the pharmaceutical industry to brand him a biased, political flack.

McCormack's response to the charge is unequivocal.

"Nobody tells us what to say and if they did, we'd quit the program," said the associate professor in UBC's Faculty of Pharmaceutical Sciences.

The program, called the Therapeutics Initiative, maintains an arms-length relationship from government and its pricing policy. Apart from McCormack, the initiative's working group includes a number of doctors and pharmacists from areas such as psychiatry, health care and epidemiology, geriatrics, pharmacology and therapeutics.

Together, they share three main objectives: to scientifically evaluate new and existing drugs for therapeutic effectiveness; to use evaluations to establish recommendations for optimal use of drugs in clinical practice; and, to design and implement an effective education program and information delivery system for pharmacists and physicians. McCormack helps in education and delivery.

Before the Therapeutics Initiative was established two years ago in UBC's Dept. of Pharmacology and Therapeutics, McCormack and colleague Dr. Bob Rangno spent four years and their own money touring B.C. providing drug information to the health care sector. Today, a portion of the initiative's $500,000 annual grant helps offset their costs.

The incentive for their travelling road show is to rectify what they see as a growing problem: too many prescription drugs in circulation, too few of which are being used properly.

McCormack believes that at least one in three prescriptions are unnecessary. He also adds that doctors and pharmacists can't help but be influenced by the constant bombardment of marketing campaigns launched by drug companies eager to sell their products.

The professors argue that their drug education message, drawn from scientific evaluations based on complete reviews of available literature, is anything but biased or politically motivated.

"Companies, by necessity, have to aggressively market their products because the vast majority of new products entering the market provide little, if any, advantages over what is already out there," said McCormack. "The marketing messages of drug companies may help raise public awareness of potential health problems but their bottom line is to make money."

McCormack uses a group of drugs marketed for upset stomach to prove his point. Despite having identical characteristics in terms of effect, the four or five drug products within the group range in price from 28 cents to $1.88 per day.

"A drug may be marketed as 'new and improved,' which is usually untrue, but some doctors and pharmacists get sold on it nonetheless," he said. "We attempt to present them with unbiased information which they don't often get and they seem to appreciate that."

So, too, does the provincial government which takes the initiative's drug evaluations into consideration when deciding which drugs will be covered under its drug benefit program, Pharmacare.

The government used to pay for all senior citizens' drugs. With reference-based pricing, the government will pay up to the price of one of the least expensive, equally effective, products from within a particular class. If there are good medical reasons, the government will pay for a more expensive alternative; if not, the patient makes up the difference.

Mike Corbeil, executive director of Pharmacare, estimates that annual savings from the policy amount to about $30 million a year.

So far, the strategy, implemented in Oct. 1995 has been applied to just three drug categories: H2 blockers for heartburn and ulcers; non-steroidal anti-inflammatory drugs; and nitrates used for chest pain (angina).

In the case of H2 blockers, the government decided it would cover up to the price of one of four available drugs, Cimetidine.

In the first of its 10 monthly newletters published to date, the initiative concluded that there is little difference between H2 blockers other than cost. It also suggested that because Cimetidine is much less expensive in B.C. than other similar drugs, it provides better value for the money.

McCormack and Rangno agree that it's an uphill battle trying to change long-held beliefs which some pharmacists and physicians hold towards prescribing drugs, especially when drug companies annually spend upwards of $10,000 to $15,000 per physician for marketing in Canada.

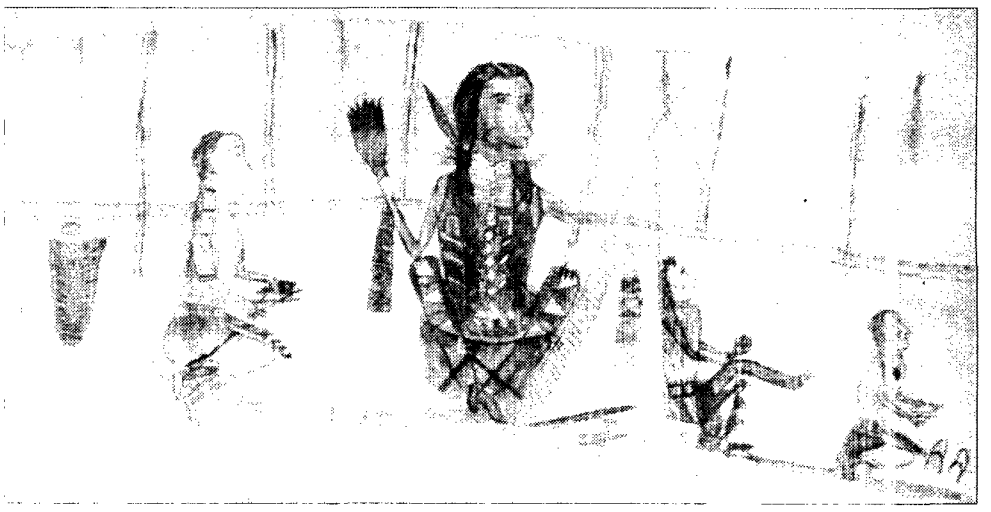
The Therapeutics Initiative claims that the average physician has little time or training to read and critique peer review journals concerning changing therapy. Likewise, most community pharmacists do not have easy access to a regular source of unbiased information and find it difficult to keep up with rapid changes in available drugs—which is why McCormack and Rango are eager to preach what they practise.

Last year, the duo presented 30 seminars to physicians, pharmacists and patients throughout the province. Given their extensive network of contacts built up over the years and the positive feedback received to date, they are looking forward to another busy schedule in 1996. The goal is to get people to think differently about prescription drugs.

Their motto for the coming campaign: "Just say 'Know' to drugs."

Staff photo

Assoc. Prof. James McCormack is one of many UBC academics involved with the Therapeutics Initiative, a provincial program which evaluates the effectiveness of new and existing drugs and educates physicians and pharmacists as to their optimal use.



On display at MOA are drawings by Assiniboine artist Hongeeyesa, including this picture which shows a domestic scene. Such drawings are an invaluable record of 19th-century prairie life as seen through the eyes of First Nations artists.

Plains ledger drawings subject of MOA show

A series of drawings that depict 19th-century prairie life through the eyes of a First Nations artist recently went on display at UBC's Museum of Anthropology.

The exhibit features 44 drawings in graphite, pencil, crayon and ink by Hongeeyesa, an Assiniboine artist who lived in what is now southern Saskatchewan between 1860 and 1927.

Drawings on paper by plains artists of the 19th century have come to be known as ledger art because many of them were done on Indian agent ledger or lined accountant's paper.

The drawings provide invaluable information about native life in the mid to late 1800s. They depict buffalo hunting, battles, dances, ceremonies and domestic life.

Organized by Calgary's Glenbow Museum, the exhibition toured nationally before arriving at MOA, its final destination. On March 10 at 2 p.m., Glenbow guest curator Valerie Robertson will talk about her work on the exhibit.

Robertson worked closely with the artist's grandson, John Haywahe, Charlotte Nahbixie and other members of the Carry The Kettle First Nation to identify the artist and determine the meaning of his drawings.

Reclaiming History: Ledger Drawings by Assiniboine Artist Hongeeyesa, is on view until March 31.

D. Thomson photo

Keyboard Call

Graduate Studies student Alastair McEwin was the first person to use a public telephone for the deaf and hard of hearing which was installed recently in the Student Union Building. The Disability Resource Centre, AMS, UBC Telecommunications and BC Tel collaborated in the project. The phone booth, located next to the SUB theatre, has a hidden keyboard which slides out when a call is connected.

Conference examines First Nations education

by Connie Bagshaw

Staff writer

Strategies and methods aimed at improving education for aboriginal peoples in the classroom and in the community is the focus of the country's premier conference on First Nations education, Feb. 14 -17 at Vancouver's Hyatt Regency Hotel.

Teachers, administrators, school board members, students and parents involved in First Nations education across Canada and the United States will gather for the Canadian Indian Teachers Education Program Conference '96, "Trading Teachings: Seeking Knowledge and Wisdom Together," hosted by UBC's Native Indian Teacher Education Program (NITEP).

"First Nations education is critical to the cultural survival of Canada's native population," said Rod McCormick, NITEP director. "We are fortunate to be hosting this conference and benefiting from such a wide body of expertise."

More than 70 delegates will present 45 sessions scheduled for the three-day event, which is expected to draw about 400 participants. Among the topics being explored are enhancing native languages through the creative use of computers and incorporating First Nations' relationship to the land in teaching.

Marie Battiste from the University of Saskatchewan will make a special presentation on decolonizing aboriginal education, including an exploration of how aboriginal identity, languages and cultures have been denied and how they are maintained in the current education system.

Special conference guests include Elijah Harper, member of Parliament for Churchill, Manitoba and former chief of the Red Sucker Lake First Nation, and Verna Kirkness, founder of UBC's First Nations House of Learning and an educator who has devoted more than four decades to making education available and relevant to the philosophy and needs of First Nations people.

Opening activities on Feb. 14 will include a traditional medicine wheel ceremony under the guidance of Vince and Edna Stogan of the Musqueam Nation and other elders.

Campus works

Human Resources

Training options geared to quality improvement

by Stephen Forgacs

Staff writer

UBC's Dept. of Human Resources is training managers and employees from across campus to give them the skills they need to improve work processes, customer service and efficiency.

"The process- or quality-improvement training programs available to UBC staff are quite wide-ranging," said Peter Godman, organizational training and development practitioner in the Dept. of Human Resources. "We offer courses that focus on specific aspects, such as customer service, or we'll work with departments to provide training that addresses specific needs and situations."

Staff in several campus departments, including Housing and Conferences, Biomedical Communications, the Registrar's Office and Purchasing have undergone comprehensive training programs while many other university employees have participated in process improvement training through MOST (Management and Other Skills Training) courses.

One of the training programs offered through MOST is QUEST (Quality Enhancement Through Skills Training). The QUEST program consists of 13 units within several skills groups including management leadership, customer partnership, process improvement, and teamwork.

For example, one section within the process improvement skills area shows participants how to analyse their work so they can identify areas for improvement and also emphasizes the importance of collecting hard data about both their work and the expectations of their customers. Another section provides participants with a variety of tools and techniques to enhance creativity, collect and measure data and organize information.

Mary Risebrough, director of Housing and Conferences, has put about 200 of her 450 employees through a training program called Connections. The video series used in the Connections workshop is based in a university setting.

"It shows in many different ways how you can provide good customer service to students. And we felt the process, as much as the video itself, was important," Risebrough said.

In an effort to enhance teamwork and gain perspective, employees from different divisions within the department were brought together for training sessions, Risebrough said.

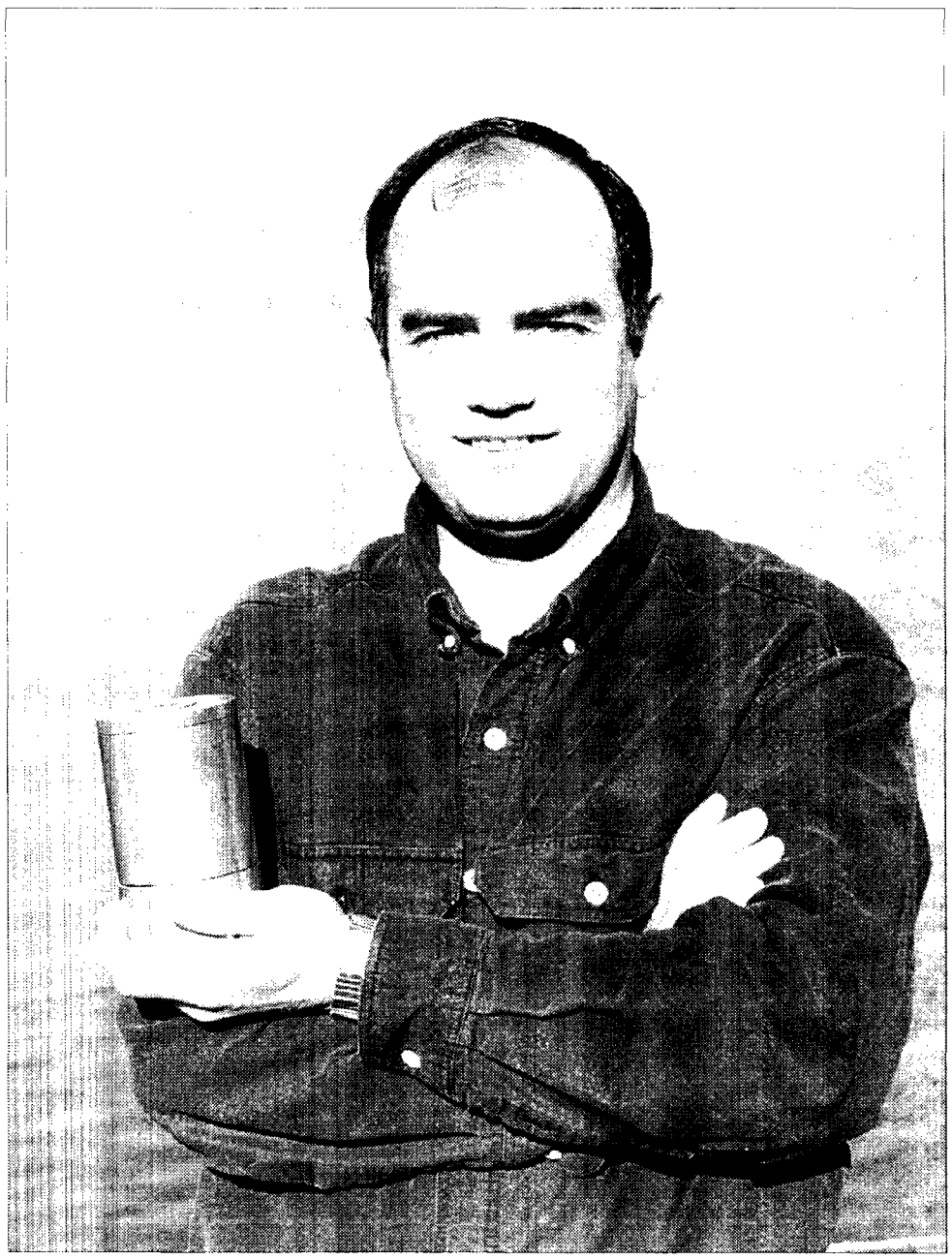
"The management team thought this was the perfect tool to bring staff from all levels together in mixed groups to focus on students as customers and how support staff in differing roles can help students be successful," she said.

Departments that are unsure about the training options available to them can contact Human Resources for assistance in establishing departmental training programs.

"We encourage people to come to us for assistance," said Godman. "If a department is trying to improve a work process they might call us for training on tools and techniques for analysing a work process. Or if the goal is to improve communication and awareness about customer service, or to get creative about new products or services, we can certainly help them."

Human Resources is also looking for opportunities to form partnerships with other departments to increase the number of trained facilitators on campus, Godman said.

For information on training programs call Human Resources at 822-8115 or 822-9644, or e-mail Peter Godman at peter.godman@ubc.ca.



Staff photo

Doug Ross with the end of his Axial Injection Plasma Torch. Projected sales this year from his "oversized beer can" are $2 million.

Student project fuels high-tech success

by Charles Ker

Staff writer

Doug Ross describes his revolutionary plasma torch as an oversized beer can with cables coming out one end. Based on its commercial success to date, the young scientist is obviously underselling his product.

What started out five years ago as a student project in UBC's Dept. of Metals and Materials Engineering, is becoming a multi-million-dollar spinoff company.

"Doug walked into my office in 1990 with some drawings under his arm and said he had something he thought would fly," said David Jones, manager of prototype development at the University-Industry Liaison Office (UILO).

The idea did fly, literally.

Ross's invention, which sprays wear-resistant, protective coatings on jet engines and other manufactured metal items, has become a hit with some big names in the aerospace industry. Apart from jets, Ross says plasma-spraying technology is used in oil and gas, pulp and paper, and printing industries to combat mechanical problems caused by excessive heat, wear and corrosion.

Last year, Ross, 35, and partner Alan Burgess sold more than 10 torch systems in Japan, Europe and the U.S. Projected sales for 1996 are $2 million and double that next year.

Ross is quick to point out that plans for his Axial Injection Plasma Torch wouldn't have taken flight had it not been for the support of the UILO.

The office receives more than 100 invention disclosures annually and is charged with evaluating, marketing and licensing those deemed commercially viable.

Ross realized the potential of his invention while using a conventional plasma torch in a UBC lab. Up to half of the ceramic and metal powder which was fed through the torch, melted by electrically charged plasma and shot out the nozzle at high speeds, was being wasted. The so-called "deposit efficiency"—the amount of melted powder that actually ends up on target—of Ross's torch is close to 95 per cent.

Given the high cost of ceramic and metal powders and the expense of disposing of the hazardous powder waste, Ross figured he was on to something. So did Jones who quickly provided Ross with seed money to build a prototype. Working with UBC physicist Boye Ahlborn, Ross had a prototype within eight months and teamed up with Burgess to commercialize the system through Northwest Mettech Corp.

Ross never did finish his master's degree in ceramics engineering. He and Burgess, also a UBC grad, kick-started 1996 with a 10-day business trip to Japan for the installation of a second torch system in that country. So far his international travels have taken him to Germany, England and throughout the U.S.

The torch, powered by its own 150 kilowatt system, comes complete with a touch-screen computer console which automatically controls the flow of water, gas and powder through the cables and out the end of the "beer can." The torch is usually manipulated by a robot programmed to move on a certain path depending on an object's configuration.

Today, Northwest Mettech Corp. employs 14 people out of its office in Richmond. It is one of 65 spin-off companies which the UILO has helped create during the last decade from UBC-based technologies.

Since 1984, UBC has benefited to the tune of $1.2 million in royalties from 169 licensed technologies.

Calendar

February 11 through February 24

Sunday Feb. 11

Green College Performing Arts
Piano Recital. Andrea Stoneman, Music. Green College Great Hall, 8pm. Call 822-6067.

Monday, Feb. 12

Seminar
Crocodile Dundee III: Scaling Of Anaerobic Metabolism. John Baldwin, Dept. of Zoology and Comparative Physiology, Monash U, Australia. BioSciences 2449, 4:30pm. Refreshments. Call 822-2449.

Seminar
Transcription Regulation: The Business End Of Bacterial Signal Transduction. George Spiegelman, Dept. of Microbiology. IRC#4, 3:45pm. Refreshments at 3:30pm. Call 822-9871.

Astronomy Seminar
Simulating Quasar Absorption Lines To Test Cosmological Models. Neal Katz, U of Washington. Hennings 318, 4pm. Refreshments 3:30pm. Call 822-2696/822-2267.

Continuing Studies Seminar Series
A History Of Vancouver Architecture. David Monteyne. Until March 18, (6 Mondays). Lasserre 107, 7:30-9pm. $65, seniors $45. Call 822-1450.

Continuing Studies Seminar Series
Beckoning Darkness, Understanding Unusual Experiences. Leonard George, PhD, author. Until March 25 (7 Mondays). Carr Hall conference room, 7:30-9:30pm. $135, seniors $115. Call 822-1450.

Tuesday, Feb. 13

Statistics Seminar
Some Extensions Of GEE Methodology. Rinaldo Artes, U of Sao Paulo, Brazil. CSCI 301, 4-5:30pm. Refreshments. Call 822-0570.

Seminar - Classical, Near Eastern & Religious Studies
Studying Islam (Or Other Religions), Retrospect and Prospects. Kenneth Cragg, Oxford. Buchanan penthouse, 2:30-4:30pm. Call 822-6523

Seminar
Signal Transduction Cascade Leading To The Plant Defense Response Against Fungal Attack. Eduardo Blumwald, Dept. of Botany, U of Toronto. BioSciences 2000, 12:30-1:30pm. Call 822-2133.

Animal Science Seminar
The Use Of Analysis Of Covariance In Farm Animal Research. F. Shahroudi, Ferdowsi University, Iran. MacMillan 160, 12:30pm. Refreshments. Call 822-4593.

Seminar
Design Of Magnetic Resonance Contrast Agents Part 2: Practice. Colin Tilcock, Faculty of Pharmaceutical Sciences and Dept. of Radiology. IRC#3, 12:30-1:30pm. Call 822-4645.

Seminar
The Marine Corridor Project: Transportation And Environment In Osaka Bay, Japan. Ryusuke Hosoda, U of Osaka Prefecture, Osaka, Japan. BioSciences 1465, 3:30pm. Call 822-2821.

Centre for Chinese Research Seminar
China Without Illusions. Alex Battler, IAR Honorary Research Assoc. Asian Centre 604, 12:30-2pm. Call 822-2629.

Continuing Studies Seminar Series
Violence In Our Society, A Closer Look At Causes And Constructive Approaches For Dealing With Violence. Speakers include: Shari Graydon, Vancouver Sun; Robert Ratner, Anthropology and Sociology. Until March 19, (6 Tuesdays). Lasserre 102, 7:30-9pm. $65, seniors $45. Call 822-1450.

Green College Speaker Series
Rambling Over The Milky Way. Rodrigo Ibata, post doctoral fellow, Geophysics and Astronomy. Green College recreation lounge, 5:30-6:30pm. Reception in Graham House 4:45-5:30pm. Call 822-6067.

Master Class
Distinguished Artists. John O'Conor, piano. Music recital hall, 7pm. Adult $5, student/senior $3. Call 822-5574.

Creative Writing Seminar
How We Got Here, Where We're Going. Fiction with authors Jennifer Mitton and Eden Robinson. Creative Writing, 4th floor, 12:30pm. Call Linda Svendsen, 822-3058.

Wednesday, Feb. 14

Centre for Japanese Resesarch Seminar
The Institutionalization Of Japonisme In Britain: From Aestheticism To Modernism. John de Gruchy, Kagoshima Immaculate Heart College, Japan. C.K Choi seminar room, 12:30-2pm. Call 822-2629.

Ecology Seminar
Molecular Insights Into The Origins Of Biodiversity: Speciation In Sticklebacks. Rick Taylor, Zoology. Host Dr. Judy Myers. Family/Nutritional Sciences 60, 4:30pm. Refreshments in Hut B8, 4:10pm. Call 822-3957.

Respiratory Research Seminar
An Update On The Use Of Anti-Virals In The Treatment Of HIV Disease. Dr. J. Montaner, Dept. of Medicine. Vancouver Hosp/HSC, Doctors Residence, 2775 Heather Street, 3rd floor conference room, 5-6pm. Call 875-5653.

Seminar
Erythropoletin In Anaemia Of Prematurity. Bruce Carleton, Div. of Clinical Pharmacy, Pharmaceutical Sciences. Vancouver Hosp/HSC, Koerner Pavilion G279, 4:30-5:30pm. Call 822-4645.

Microbiology & Immunology Seminar Series
Characterization Of A Family Of Porins From Helicobacter pylori. Maurice Exner, Dept. of Microbiology and Immunology. Wesbrook 201, 12:30-1:30pm. Call 822-3308.

TAG Faculty Development Seminar
Bringing The Universe Down To Earth. Jaymie Matthews. David Lam, faculty development seminar room, 3:30-5pm. Free. To register call 822-9149.

President's Lecture On Islam
Islam Today: Prejudice And Hope. Kenneth Cragg, Oxford. Buchanan A205, 12:30pm. Call 822-6523.

Continuing Studies Lecture
The Religious Dimension To Conflict In the Middle East. Kenneth Cragg, Oxford. IRC#1, 7:30-9pm. $10, non-refundable. Call 822-1450.

Your UBC Forum
Library And Study Space. SUB Conversation Pit, 12:30-2pm. Call Namiko Kunimoto, AMS vice president, 822-3092.

Senate
The Sixth Regular Meeting Of The Senate, UBC's Academic Parliament. Curtis 102, 8pm. Call 822-2951.

Noon Hour Concert
Elektra Women's Choir. Diane Loomer/Morna Edmundson, co-conductors. Music recital hall, 12:30pm. $2.50 at the door. Call 822-5574.

Master Class
Distinguished Artists. John O'Conor, piano. Music recital hall, 7pm. Adult $5, student/senior $3. Call 822-5574.

Thursday, Feb. 15

Seminar - Classical, Near Eastern & Religious Studies
Israeli Extremism And The Rabin Assassination. Ehud Sprinzak, Political Science, Hebrew U of Jerusalem. Lasserre 107, 2:30-4pm. Call 822-2515.

Genetics Graduate Program Seminar
The Ubiquitin Conjugation System in C. Elegans. Peter Candido, Dept. of Biochemistry. Wesbrook 201, 4:30pm. Refreshments. Call 822-8764.

Seminar
An Ethnopharmacological Study Of Western North American Plants. Allison McCutcheon, PhD candidate, Dept. of Botany. BioSciences 2000, 12:30-1:30pm. Call 822-2133.

Continuing Studies Seminar Series
Women In Canadian History. Begins with First Nations, consequences of European arrival and progresses to 1970s. Frances Wasserlein, SFU instructor Women's Studies. Hotel Georgia, 10-11.30am. Until March 21 (6 Thursdays). $65, seniors $45. Call 822-1450.

Critical Issues in Global Development Seminar
Ecotourism In The Amazon. Blanca Moratorio, Anthropology. Green College recreation lounge, 8-10pm. Call 822-6067.

Seminar in French Dept.
The Mnemonics Of Dispossession: Paris As Culture, Paris As Loss. Richard Terdiman, Prof. of Literature and History of Consciousness, UCAL, Santa Cruz. Buchanan Tower 826, 12:30-2pm. Call 822-4004.

CICSR Faculty Forum
Computing Between The Lines. Jack Snoeyink, Computer Science. CICSR/CS 208, 4-5pm. Refreshments. Call 822-6894.

Comparative Literature Colloquium
The Meeting Of Literary Minds: Arabic And English Writing This Century. Kenneth Cragg, Religious Studies, Oxford. Green College recreation lounge, 5:30pm. Call 822-6067.

Students for Forestry Awareness Speaker Series
Urban Ecology. Val Schaefer, ecology instructor, Douglas College and Founder of Institute of Urban Ecology. MacMillan 166, 12:30pm. Refreshments. Call 274-4730.

First Nations Gathering for UBC Health Sciences Students and Faculty
Current Topics In First Nations Health. Marlyn Cook, MD. First Nations Longhouse, Sty-Wet, Tan, 5:30-9pm. Free feast but must sign up by Feb. 9. Call 822-2115.

Concert
Distinguished Artists. John O'Conor, piano recital. Music recital hall, 8pm. Adult $17, student/senior $9. Call 822-5574.

Friday, Feb. 16

Centre for Korean Research Seminar
Russia And North Korea. Peggy Meyer, Dept. of Political Science, SFU. CK Choi seminar room, 12:30-2pm. Call 822-2629.

Centre for Japanese Research Seminar
Changes In Japan's Economic Policies. Keizo Nagatani, Centre for Japanese Research and Dept. of Economics. CK Choi conference room, 12:30-2pm. Call 822-2629.

Seminar
Role Of Cyclic GMP-Dependent Protein Kinase In Smooth Muscle Relaxation. Ashwin Patel, grad. student, Faculty of Pharmaceutical Sciences. IRC#3, 12:30-1:30pm. Call 822-4645.

Theoretical Chemistry Seminar
The Mechanism For The Thermal Decomposition Of Azoalkanes. C.H. Hu, Dept. of Chemistry. Chemistry D402, centre block, 4pm. Call 822-3266.

Seminar
The Distribution Of Energy Dissipation Rates In High Intensity Mixers And Its Effects On Fast Multiple Chemical Reactions. Joseph Mmbaga, grad student. ChemEng 206, 3:30pm. Refreshments at 3:15pm in room 204. Call 822-3238.

Occupational Hygiene Program Seminar
Occupational Asthma In British Columbia. Moira Chan-Yeung, professor, Respiratory Division, Dept. of Medicine. Vancouver Hosp/HSC, Koerner Pavilion, G279, 12:30-1:30pm. Call 822-9595.

Seminar
A Career In Planning. Ray Spaxman. Buchanan D333, 12:30pm. Call 822-3914.

Canadian Studies Lecture
Colonial As Modern: Designers, Homemakers, And Maple Furniture In The 1950s. Joy Parr, Dept. of History, SFU. Buchanan B212, 12:30pm. Call 822-5193.

President's Lecture
Taking Time: The Representation Of Modernity And The Temporalities Of Culture. Richard Terdiman, Prof. of Literature and History of Consciousness, UC, Santa Cruz. Green College coach house, 12:30pm. Call 822-5506.

DOW Distinguished Lecturer
Modelling In Paper Science. C.T.J. Dodson, Pulp and Paper Centre, U of Toronto. Pulp and Paper Centre, #101, 2:30-3:30pm. Call 822-8560.

Health Care and Epidemiology Rounds
Indoor Air Quality - A Public Health Perspective. Brian Beech, Environmental Health Assessment officer, BC Ministry of Health. Mather 253, 9-10am. Call 822-2772.

Global Outreach Student's Assoc. Dance
Springbreak Bash At The Big Bamboo. Big Bamboo, 7pm. Free drink if you come before 9pm. Tickets on sale at SUB Ticketmaster. Call 221-9980.

Saturday, Feb. 17

Vancouver Institute Lecture
The Sounds Of Silence: Endangered Languages. Patricia Shaw, Dept. of Linguistics. IRC#2, 8:15pm. Call 822-3131 during regular business hours.

ITA Workshop
A 3-hour workshop designed for Canadian and international teaching assistants who work with students, faculty and colleagues of diverse cultural background. Christine Pikios and Katherine Beaumont, Intercultural Training and Resource Centre, Continuing Studies. International House lower lounge, 9:30am-12:30pm. Call 822-1437.

Basketball
T-Birds vs UVic. War Memorial Gym, 6pm (women's), 7:45pm (men's). Adults $6; Youths $4; UBC students free. Call 822-BIRD/822-3917.

Monday, Feb. 19

Science and Society
Across The Great Divide: How Commerce-Types Work With Real Scientists. P. Devereaux Jennings, Faculty of Commerce and Business Administration. Green College recreation lounge, 8pm. Call 822-6067.

Tuesday, Feb. 20

Seminar
Interannual Variations In Zooplankton Biomass In The Gulf Of Alaska And Covariation With California Current Zooplankton. Richard Brodeur, NMFS/NOAA, Seattle. Washington. BioSciences 1465, 3:30pm. Call 822-2821.

UBC REPORTS

CALENDAR POLICY AND DEADLINES

The *UBC Reports* Calendar lists university-related or university-sponsored events on campus and off campus within the Lower Mainland.

Calendar items must be submitted on forms available from the UBC Public Affairs Office, 310–6251 Cecil Green Park Road, Vancouver B.C., V6T 1Z1. 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 February 22 issue of UBC Reports — which covers the period February 25 to March 9 — is noon, February 13.

THE UNIVERSITY OF BRITISH COLUMBIA

REPORT OF THE COMMITTEE TO REVIEW THE UNIVERSITY OF BRITISH COLUMBIA LIBRARY

November 1995

THE UNIVERSITY OF BRITISH COLUMBIA

February 8, 1996

I am pleased to provide members of the University community with a summary of the recommendations of the Committee to Review the University of British Columbia Library. The Committee, chaired by Lynn Smith, was assisted by a distinguished team of external Librarians representing five Canadian and American institutions, and consulted widely both within the University community and with the Library's external users.

The full text of the Library Review is available on the Library's Gopher and World Wide Web site under "What's New." You can access the Library's Gopher via UBCLIB, the Library's online catalogue information system. Select Gopher at the UBCLIB main menu. The Library's home page on the World Wide Web is available at: http://unixg.ubc.ca:7001

I would welcome any comments.

Sincerely,

Maria M. Klawe
Vice-President,
Student and Academic Services

Introduction

(The following is a summary of the Report of the Committee to Review the University of British Columbia Library. The full text of the Library Review is available on the Library's Gopher and World Wide Web site under "What's New". You can access the Library's Gopher via UBCLIB, the Library's online catalogue information system. Select Gopher at the UBCLIB main menu. The Library's home page on the World Wide Web is available at: http://unixg.ubc.ca:7001)

The task of the Committee to Review the University of British Columbia Library was to examine the Library, evaluating what has been done in the past and making recommendations for the future.

The Committee was established by K.D. Srivastava, Vice President, Student and Academic Services in December, 1994. Its members included:

- C. Lynn Smith, Faculty of Law (Chair)
- Bill Dobie, Alma Mater Society (resigned May 1995)
- David Dolphin, Faculty of Science
- Gail Edwards, Graduate Student Society
- Gerald Gorn, Faculty of Commerce and Business Administration
- Peter Jolliffe, Faculty of Agricultural Science
- Jo-Ann McEachern, Faculty of Arts
- Khalil Shariff, Alma Mater Society (from June, 1995)
- Veronica Strong-Boag, Faculty of Graduate Studies and Faculty of Education
- Mark Vessey, Faculty of Arts
- Byron Hender, Student and Academic Services (Secretary)

Bill Dobie resigned from the committee to take up full time employment and was replaced by Khalil Shariff.

In addition to the UBC committee, five librarians from other institutions conducted an external review. The External Reviewers were:

- Betty Bengtson, Director of University Libraries, University of Washington
- Scott Bennett, University Librarian, Yale University
- Nancy Eaton, Dean of Library Services, Iowa State University of Science & Technology
- Carole Moore, Chief Librarian, University of Toronto
- Paul Wiens, Chief Librarian, Queens University

The Committee's terms of reference were: to examine the operation of the University Library and its role in support of the University's mission; to comment on the accountability and the overall effectiveness of the Library's staff and its organizational structure; to identify the Library's strengths, and also any opportunities which the Committee perceives for improving its programs, its relationships with both internal and external organizations, and for better utilization of the financial and other resources assigned to the Library; and to examine the Library's strategic plans for dealing with technology, space, collections, access, services, and staff.

The Committee had the benefit of recent research and analysis in the Library's Self Study Report (*Towards 2000 and Beyond: A Progress Report and Self Study*, December 1994) with its extensive background documentation, and in the work of the Senate Library Committee's Sub-Committee on Serials and Technology (*Scholarly Communication, Serials and Technology: Problems and Possibilities*, February 1995). The Committee also followed the development of the Library's Restructuring Plan (the latest draft available was dated September 8, 1995).

The Committee received written submissions from 21 individuals and groups representing both the campus and the wider community. The Committee also conducted 26 interviews, in order to identify areas of concern and gain a variety of perspectives on important issues facing the library. The interviewees included the Vice President Student and Academic Services and other members of the University Administration, the University Librarian, members of the Library Administration, the Deans, representatives of several faculties, the Senate Library Committee, and professional librarians and individual users from both on and off campus.

The five External Reviewers visited the campus from June 5 to June 8, and met with the President and Vice Presidents Academic and Student and Academic Services, the Deans, members of the Senate Library Committee, the Library Administration, the professional librarians and staff, and members of the University and user community. The External Reviewers met with the UBC Committee on two occasions prior to submitting their final report. The Committee agreed with the External Reviewers in their selection of areas of salient strength and concern, and concurs with their recommendations, except for some small matters of detail.

The Committee identified major areas of concern, which were addressed in the report: collections; technology; space; staff; services; organizational leadership; internal relations; and external relations. While the Committee's recommendations fall into nine sections, recurring themes became apparent throughout the report:

- The role of the Library within and beyond the University of British Columbia, the need to foster recognition and support for that role and to show leadership along with other institutions in finding solutions to problems facing the Library in fulfilling that role;
- Change in the vehicles for delivery of information to researchers, i.e., the advent of computer-based systems, and the need to:
  - (a) re-direct resources in order to meet needs for new kinds of publications and services, and to
  - (b) recognize that new technologies have disparate impact across disciplines and are not a panacea in any discipline;
- Severe physical plant problems, particularly in the Main Library, and the need to de-commission as much of the Main Library as possible, as soon as possible, in the interests of Library users and staff and the preservation of the collection;
- Collections as a priority, and the need to take decisive steps towards a university-wide collections policy with participation of the faculties, and an academic planning policy with participation of the Library;
- Professional and support staff in the Library as a major resource of the Library, and the need to ensure renewal and effective use of this resource;
- Relationships between the Library and other units in the University, and the need to ensure effective advocacy for the Library and effective collaboration of the professional librarians in the academic work of the institution;
- Service to users, recognizing their diversity of needs with emphasis on the primary service needs of UBC users;
- Cost-recovery as an issue that affects members of the UBC community and UBC's relationships with other institutions and the community, and the need for a business plan with respect to user fees.

This report is submitted to Vice President Klawe with thanks for all of the assistance the Committee received from her office throughout the process. The Chair wishes to acknowledge the full participation of all members of the Committee, each of whom undertook responsibility for drafting one section of the report and all of whom reviewed all areas in our deliberations. The task was a pleasant and stimulating one because of the commitment and energy which every Committee member brought to it.

The Committee hopes that this Report will prove to be useful to the Library and to the University which it serves.

Summary of Conclusions

The Committee agrees with the External Reviewers that the UBC Library faces a set of challenges common to most North American research libraries, including rapidly escalating collection costs, fast-paced technological change, the need for substantial capital investment in computing and telecommunications capabilities and in physical space for library users and collections, turmoil in public policy for the support of higher education, and severely constrained financial conditions. The Library also faces extraordinary challenges specific to the institution, particularly the "inadequate and totally dysfunctional main library space" (in the words of the External Reviewers) and the current organizational stress caused by the need to change Library computing and telecommunications systems and simultaneously to move into the new Koerner Library.

The committee repeatedly was reminded that the Library serves not only the research and information needs of the campus community, but functions as a provincial resource. Other universities, colleges, schools, private researchers, public bodies and individual members of the public rely on the continued existence of a major research library at the University of British Columbia. The University and its members have a responsibility to preserve and enhance this major asset with which we are entrusted. It is not "ours" alone. At the same time, the provincial role of the UBC Library should be acknowledged and supported–the challenges and financial exigencies are also not "ours" alone. Thus, the recommendations contained within individual sections of the report should be read within the threefold context of issues faced by all research libraries, issues specific to UBC, and issues arising from the role of the library within the province.

Collections

The Library at UBC faces a threefold challenge to its established practices of collection building: the *budgetary* challenge of an ever-increasing volume of new publications at prices that continue to rise at rates higher than general inflation and well in excess of increases in the University's General Purpose Operating Fund; the *technological* challenge of a proliferation of materials in new formats and media, not all of which supersede or replace more traditional products, and many of which are still at an experimental stage; and the *academic* challenge of university programs that are developing in a variety of new directions, in many cases across or between conventional disciplinary boundaries.

It is clear to the Committee that the Library and University Administration have moved decisively to meet these challenges and that the Library has already found creative solutions to many of the problems posed by the present environment. However, despite these initiatives, the Committee heard many expressions of concern that the collection was now at grave risk, its ability to respond to the needs of future users already endangered if not actually compromised. Such concern focused variously on the issues of funding, balance between different for-

THE UNIVERSITY OF BRITISH COLUMBIA

REPORT OF THE COMMITTEE TO REVIEW THE UNIVERSITY OF BRITISH COLUMBIA LIBRARY

mats and media, and processes of collections management and policy-making.

It will be noted that some of the recommendations call for action by other agencies and units at UBC besides the Library and the Administration. We are convinced that issues of collections development, in particular, should be tackled cooperatively and that the Library will need more committed support from its on-campus user groups in the coming years if the challenges outlined above are to be surmounted.

Technology

Technology within the Library context includes the access, storage and delivery of information electronically. It encompasses purchasing, cataloguing and circulation systems and involves computer-based management. Ongoing technological changes and consequential demands on the Library are formidable and will continue to escalate at an ever increasing rate. In order to remain a first class research library and to serve the ever-expanding needs of our own campus and of the local and provincial community, the UBC Library must stay abreast of technological advances. The Library must adopt and control changes in technology or be bypassed and become irrelevant to large sections of our community. We affirm that the Library must be a leader, champion and educator in electronic communications within the University.

There are two principal areas of major concern. The first is the need for a new Library system to replace the various home developed systems supporting acquisitions/accounting, cataloguing, circulation, public access, and serials management. Secondly, the Library and the rest of the academic community must ask how it will access and control the virtual library of the (now) future where many traditional and new forms of information will be collected, stored and transmitted in digital form.

Technology will not solve all of the problems of the Library nor of its users. Certainly the development of electronic materials is not a panacea for the serials crisis. Digital information will not immediately nor in the near future replace the printed word. Indeed, rather than replace print, digital information will have to be made available in parallel with its printed counterpart until the technology is more advanced and widespread and the community is willing to allow the virtual library to replace much of the present system.

The pressures on the Library result not only from the inevitable pressure of technology but from the rapidly increasing rate of accumulation of knowledge and its escalating costs from commercial publishing houses. It is clear that electronic publishing may address some of these problems. The University at large, not only those sections with direct responsibility for the Library, needs to address these problems nationally and internationally.

Space

The Library has extensive holdings, including over 3.2 million books, 25,800 serial subscriptions and 5.5 million non-book items (CD-ROMs, computer files, maps, sound recordings, and microforms). Accordingly, Library space is extensive. The Library presently occupies ten locations on campus, plus three off-campus sites. The Committee agrees with the External Review committee that the present branch libraries provide valuable focus and service to users. Branch libraries are an effective means of meeting the needs of different sectors of the University community, and they extend the array of service points.

Phase I of the Walter C. Koerner Library, now under construction, will merge the Sedgewick Library, the Humanities and Social Sciences Division, Government Publications and Microforms Division, and the Data Library. The Koerner Library will also contain instructional facilities and a microcomputer laboratory for student use, and will help to moderate current problems with study space. However, while Phase I is a welcome addition to the system, it will not address serious shortcomings of Library space, which are largely connected to the pervasive, serious, and fundamental problems presented by the Main Library building and the shortage of storage space. The Main Library building will continue to have heavy use, since for the present, it will house holdings in Special Collections, Maps, Fine Arts, Science and Engineering, plus some residual holdings in Humanities and Social Sciences.

The next stage of development of the Koerner Library, Phase II, is proposed to be developed in the central campus, near Phase I. Phase II will provide space into which to move some of the holdings retained in the Main Library after completion of Phase I. Given the value of those holdings, and the structural shortcomings of the Main Library, we believe that it is appropriate that Phase II of the Koerner Library retain its priority on the list of the University's academic building needs.

Even with the completion of Phase I of the Koerner Library, space limitations within the Library system are becoming severe. It is expected that about 1 million volumes (roughly one-third of the collection) will eventually need to be stored. Increased storage is inevitable, but it has drawbacks in reduced access for users, and added expenses in selecting and depositing materials in storage and in circulating materials from storage.

The Committee learned that a Master Plan for the Library was initiated in 1989 but was put on hold shortly thereafter and attention was focused on the existing Main Library building. Given the needs for storage and the potential impact of new technology the Committee concluded that the completion of a Master Plan for the Library should be a priority for the University.

Staff

The Committee has been repeatedly impressed by evidence of the dedication, industry, and creativity of professional librarians and support staff. We believe that UBC reaps enormous benefits from the high quality of its staff. They are largely responsible for the fact that the Library, in face of recurring crises, continues to serve its clientele in an exemplary fashion.

Like many other parts of the University, the Library is faced with the need to do more with less. The Library also faces the phenomenon of an aging workforce. Shifting demands for information and assistance to clientele, together with changing technologies, in the context of declining human resources, have been met in large measure by reallocations of staff time and retraining and staff development initiatives. A Library-wide commitment to cooperation, collaboration, and flexibility in job definition has been essential to making the transformations necessary for a library at the end of the 20th century.

In this environment, optimism seems in increasingly short supply. Staff have been working hard in a variety of ways to respond to challenges and to keep the Library of service. While we appreciate the need in the current fiscal climate to maximize outputs from everyone, we also need to understand the importance of down-time, in other words occasions when productivity and effort do not have be strained to the utmost. Regular provision for additional training and professional development will also be helpful in improving general morale.

Problems with physical safety have been constantly drawn to the attention of the Committee. Most obviously there is the major threat posed to the Main Library and its occupants in event of an earthquake. There are also concerns about the possibility for violence and harassment in areas that are not at present regularly supervised. Planned reduction of service points may present still greater problems for individual security. These problems are especially serious for people with disabilities and we are very much aware that our existing physical plant is extremely inadequate in respect to meeting their needs.

We need immediately to find meaningful ways to operationalize the University's commitments to Library staff. Praise without concrete recognition of problems and exhausting sessions of consultation, which do not bring obvious results in improved working conditions, are not sufficient to meet the situation.

Services

The presence of committed, service-oriented staff throughout the organization is a salient strength of the Library. Through its strategic plan and self-study process and restructuring plan, the Library has concentrated on ways in which service can be improved. However, in the context of a strained financial situation as well as the new demands of users, the Library faces central challenges in the way it conceives and delivers service to clients.

Access is a major area of concern for library users. The Committee supports the Library's distinction between hours of access and hours of service. However, while full service may not be required during all hours that the Library is open, there is a need for full service support by some users during off-peak hours. The Committee also heard concerns regarding the potential implications of the planned reduction of service points, particularly the loss of staff specialization and the impact on the quality of service, as well as the previously mentioned security concerns. Other concerns regarding service focused on the importance of safe, comfortable, and quiet study space, space for student group work, improved access to UBCLIB workstations and CD-ROM terminals, the need for well-maintained photocopiers, and faster reshelving of materials.

Services to persons with disabilities pose huge challenges for the Library. Parts of the Main Library are not accessible to persons with limited mobility. Physical access barriers exist in other parts of the Library system as well. For the Library as well as for all units in the University, it is important to include the needs of persons with disabilities in any future planning process.

The provision of information and orientation for Library users is important particularly in light of the increasing complexity of access to needed information. This complexity requires that the Library provide sufficient support to patrons to enable them to use effectively the myriad of sources available to them. In a time of budgetary restraint, information services and Library support must be closely focused on the needs of UBC users. Given the increasing pressure on staff time as well as the pending drastic consolidation of service points, the Committee believes that users must become increasingly independent and self-sufficient in most of their library activities. The Committee also recognizes the important role of the Library in the educational mission of the University. Increased training opportunities, particularly for undergraduate students, are critical. Educated and well-trained users are less reliant on library staff and will enable personnel to concentrate on more in-depth reference needs.

Organizational Leadership

The proposed restructuring of the present Library system reflects the rapid development of new technologies and their transformation of the way in which libraries provide information and services. Diminishing funding and increased user expectations make this new environment particularly challenging for libraries, including the UBC Library. This new environment requires exceptional skills in the UBC Library leaders, and the Committee endorses the need for strong leadership in a future that is likely to be very difficult and challenging.

The Committee considered the place of the Library in the organizational structure of the University. The University Librarian reports to the Vice President of Student and Academic Services. While universities vary in their reporting structures, the Committee feels that the reporting structure at UBC is functional in view of the service and user orientation of Student and Academic Services. The University Librarian sits on the Leadership Group, which facilitates appropriate and important interaction with the Deans and Vice Presidents. The Committee also notes that interaction between the University Librarian and the Vice President Student and Academic Services with respect to computing services will be essential as the Library incorporates new technologies.

The Senate Library Committee advises and assists the University Librarian in policy formulation. Its mandate also includes the making of rules for the management and conduct of the Library. Its dual role to "advise/assist" and to "make rules" may result in a lack of clarity between its policy-advising and policy-making functions. The Committee noted that having the University Librarian report to two separate authorities could be a potential source of conflict or confusion and to a degree, could infringe on or hamper the effectiveness of the role of the University Librarian. A clearly defined reporting structure is needed.

Members of the Senate Library Committee possess a wide range of experience on Library matters and can be seen as representative of the whole academic community. This Committee can play a significant advisory role in the establishment of policies and management practices in the Library, act as an advocate for the Library in Senate and in the University at large, and serve as a vehicle for bringing issues of Faculty concern to the Library. Inter-university communication is also facilitated by the Faculty and Departmental Advisory Committees, which were set up on the recommendation of the 1988 Review Committee. The Faculty/Departmental Committees are viewed as important in providing the Library with advice, and serve as a vehicle for the Library to communicate its news.

The organizational structure of the Library has become flatter in recent years. The Library is presently developing proposals for further restructuring. Other basic issues need to be addressed in this restructuring. It was reported to the Committee that the Library has numerous committees and that the overlap on these committees was extensive. Concerns were expressed to the Committee that decision-making in the Library is complex, and that reporting structures are not always clear.

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REPORT OF THE COMMITTEE TO REVIEW THE UNIVERSITY OF BRITISH COLUMBIA LIBRARY

Internal Relations

Traditionally the links between the Library and School of Library, Archival and Information Studies (SLAIS) have been very close. The Committee recognizes that close collaboration between the two units is important for the mutual benefit of both, and commends the efforts made on both sides to ensure that such collaboration continues to be productive. In the past, the Library has supported SLAIS's instructional mission by making its staff available as guest lecturers and course instructors, normally without charge. In times of budgetary restraint, this form of support has become increasingly difficult. If librarians are to continue teaching courses for SLAIS, means should be found for the SLAIS budget to pay for the time that they are released from their Library work to do so. The Library further supports SLAIS's instructional mission by employing student librarians. These students should be employed appropriately, so that their work experience reflects and supports their educational achievement.

Branch libraries foster a sense of community between the librarians and the units they serve, sustain communication, and provide specialised service. Such close cooperation encourages a more effective integration of the Library with the University's teaching mission. The Committee recognizes, however, that the system of branch libraries may not be the most cost-effective use of resources and that it may, as cutbacks continue, need to be partially dismantled. If it should prove necessary to close more branch libraries, the Committee urges that great efforts be made to maintain the close ties between the currently existing branches and the units that they serve.

The Committee heard some concerns expressed about the fact that Reading Room collections are inaccessible to Library users because they are uncatalogued, that is, that their holdings do not appear in UBCLIB, and because these holdings often duplicate other holdings in the Library. The Committee also recognizes that Reading Rooms serve a different function from that of the Library. Access to them is normally restricted to faculty and students of the unit; their holdings tend to be small, so that their absence from UBCLIB is unlikely to be statistically significant. The Committee concluded that an attempt at total integration of the Reading Rooms into the UBC Library system is not necessarily desirable and would entail needless expense. It appears, however, that some Reading Rooms hold special, unique collections, not otherwise available at UBC. The Committee recommends that those responsible for Reading Rooms maintain close contact with Library Advisory Committees and with librarians, and that they keep the library informed about their holdings and acquisitions. Such sharing of information may, in some cases, obviate the need for Interlibrary Loans.

External Relations

The Library serves not only the faculty and students of UBC, but is used heavily by the faculty, teachers, and students of the other provincial universities, community colleges, schools and institutes, by the professional and business community, by government, by visiting scholars and researchers, and by private citizens. In turn, UBC faculty and graduate students have complimentary extra mural borrowing privileges at other post-secondary institutions in B.C. The Library also has an important role within the wider network of research libraries, cooperating extensively with other libraries in the province, and throughout Canada and the United States.

As the largest library resource in British Columbia, with many unique holdings, the Library can anticipate that demand for service from external users will increase. The role of the Library as a provincial resource places extraordinary demands on the collections, staff and services. In some divisions and branches, 30% or more of weekend users are from off campus, placing particular strain on reference services. The Library has responded to these demands by developing a service policy that articulates the research, teaching, and learning of UBC faculty, students, staff, and affiliated researchers as its first priority, with basic services available to all members of the public. The Restructuring Plan undertaken by the Library proposes that services to non-UBC clients may only be provided on a full fee-for-service basis. While fees-for-service may be inevitable in times of extreme economic restraint, the Committee is concerned that an extensive system of charging external users may prove overwhelmingly detrimental to partnerships with other institutions, and to the goodwill of the general public. Any decision to recover costs from external users on a fee-for-service basis would have a serious impact on the wider provincial academic community. The Committee, therefore reiterates the recommendation of the 1988 Library Review committee that "renewed efforts toward provincial recognition and funding" of the Library as a provincial resource be pursued as an alternative to the implementation of extensive fees- for-service to external users. It also endorses the recommendation of the External Reviewers that the Library create a business plan to clearly identify the costs of service to external users.

New technologies further the need for inter institutional cooperation. Decisions internal to the Library can have a serious impact on other users, particularly as the Library faces the ongoing process of canceling serials subscriptions, some of which may be unique to the province. The Committee also heard concerns that the Library would experience increased demands on its collections and services as long as provincial funding of community college libraries was inadequate for those institutions to meet the research, teaching and learning needs of their primary users. The Committee believes that the establishment of cooperative collection development agreements and collaborative purchasing agreements between UBC and other post-secondary institutions will become essential to cost-effective management of library collections and services.

Interlibrary loans are the means by which the Library provides access to research materials not available within the collection to UBC faculty and students, and makes the collection accessible to non-UBC users. As the provincial "library of last resort" the Library is a net lender within the province. Eighty percent of the lending is to other British Columbia libraries, through the system of network agreements. In contrast, more than 80% of the borrowing is from libraries outside British Columbia. The demand for interlibrary loan services is distributed between faculty, students, and staff, with graduate students forming the majority of student requesters. Concern has been expressed that fees-for-service levied against UBC users for interlibrary loan would have a disproportionate impact on graduate students, and on faculty research in highly specialized areas that the Library can no longer continue to support through its collections.

The Library has implemented a variety of measures to eliminate the General Purpose Operating Fund subsidy of interlibrary loans. It is clear, however, that the ability to continuously increase revenues through lending fees will be severely limited by the anticipated reduction in funding to post secondary institutions in British Columbia. The argument that interlibrary loan activities should be self-supporting is in contrast to the philosophy of how library services should be funded, that is as a common good that benefits the University community as a whole.

Summary of Committee Recommendations

Collections

Collections funding

- That the annual adjustment of the Library acquisitions budget for inflation be based henceforth on a price index specific to library materials rather than, as at present, on the general Consumer Price Index.
- That the Library and the Development Office step up their plans to raise an endowment for collections.
- That the position of fund-raiser for the Library be made full-time.
- That consideration be given to the targeting of fund-raising activity at particular areas of the collections, including some of those most dependent on traditional publishing formats and therefore likely to appeal to a different group of donors from that attracted to the Technology fund (e.g. Special Collections, Fine Arts).

Acquisitions, Accounting and Allocation

- That, in the interests of clearer public accounting, the allocation for Netinfo no longer appear as part of the Library's acquisitions budget.
- That clear distinctions be made in the Library's expenditure statements between moneys spent respectively on serial subscriptions, other types of standing order, and one-time purchases.
- That these expenditures be further distinguished according to whether the product acquired was in a "conventional" or electronic format/medium.
- That the figures be broken down by Library division and, where appropriate, by major disciplinary area within each division.
- That the Senate Library Committee review its guidelines on the ratio of serials vs. monographs spending in the light of the information thus presented.

Collections Management and Development

- That the Library reinstate forthwith the position of full-time Assistant University Librarian for Collections, the holder of this office to serve as a member of the Library's senior executive group and to coordinate the work of all librarians with collection responsibilities; and that the search committee for this appointment include Faculty representatives.
- That the Assistant University Librarian for Collections chair a Collections Management Council composed of librarians and representatives of the Faculties, its membership to be decided initially by the University Librarian and the AUL for Collections in consultation with the Senate Library Committee.
- That the Assistant University Librarian for Collections, on appointment, immediately proceed to develop a comprehensive Collections Policy for the UBC Library.
- That (in pursuit of the goal stated immediately above) the Collections Policy documents drafted since the 1988 Library Review be taken as the basis for a comprehensive collections assessment, to be conducted jointly by librarians and representatives of the Faculties; that this process be designed to culminate in a clear set of priorities and principles for collections development over the next 5—10 years; that the priorities and principles thus established be formally approved by the Faculties, Senate and the Administration; and that they be made public in an official document on UBC Library Collections Policy (to be updated at intervals thereafter).
- That (in the event of the appointment of an AUL for Collections being delayed beyond September 1996) the Senate Library Committee, after consultation with the University Librarian and Library Advisory Committees, strike a sub-committee to review the arrangements for collection coordination in the Library, with particular reference to the Humanities and any other areas where the Senate Library Committee may feel there are grounds for concern; the recommendations of this subcommittee to be presented to Senate early in 1997.
- That current procedures for assessing the impact on the Library of changes in academic programs be strengthened by requiring Faculties to consult with the Library before creating new professorial chairs or advertising faculty positions in new areas of curriculum and research; and that where new funding is not available for necessary additional Library materials, the Faculty be asked to specify other areas of the collection for downgrading.
- That serials cancellations programs henceforth be undertaken every two years, rather than annually as has recently been the case, in order to allow librarians and others to give fuller attention to other aspects of collections management.

Resource Sharing and Interlibrary Loans

- That the Library continue to pursue opportunities for shared collection-building with other libraries and professional institutions in Western Canada and the North-Western United States, ensuring so far as possible that material from collections maintained by partner institutions is available to UBC researchers at no extra cost to the end-user; and that the responsibility for coordinating these arrangements with local collections management rest with the Assistant University Librarian for Collections.
- That the Library establish clear rationales for no-charge and (partly or wholly) cost-recovered services in the provision to UBC users of access to library and other information resources; and that these rationales take account (a) of the academic priorities set out in future statements of Library Collections Policy and (b) of the needs and financial means of each group within the user community.
- That, for a limited period, the University make available grants (e.g. for travel to other libraries, document delivery, etc.) for UBC researchers (faculty and graduate students) who can show that they have been disadvantaged by recent cutbacks in local collections development in their areas of proven specialization.

Special Collections

- That the Library review its present arrangements for the management and

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development of Special Collections, giving particular attention to its procedures for inviting and obtaining donations of materials; that planning for Special Collections be fully integrated in the Library's general Collections Policy (see above); and that the Library and the Development Office give Special Collections a clear profile in their fund-raising efforts for Collections Enrichment.

Collections Preservation

- That the Library and University planners make the provision of proper environmental conditions for the long-term preservation of the collections a central feature of library space planning.
- That the Library institute a collections conservation program, to keep the ordinary circulating collection in sound condition.

Technology

- That the University Administration provide a one-time sum representing approximately one half of the cost of the new Library computer system. While we realize that all segments of the University are under great fiscal strains we note that there is ample precedent for such a one time sum of money. We are pleased to note that the Administration has recently provided some of this one-time money.
- That providing these moneys should not deflect the Library from its restructuring plan and that the restructuring plan should allocate approximately 5% of the present budget towards technology.
- That appropriate wiring of the campus, especially the north end, be made a priority of the University Administration, in order that access to digital information be campus wide.
- That the Library, the School of Library, Archival and Information Studies and the Faculties jointly develop digital self-help tutorials to aid in training those who will use the Library's new computer system and other areas of the electronic library.
- That the two committees recommended by the Sub-Committee of the Senate Library Committee consider the questions of scholarly publication and copyright within the context of electronic publishing on a priority basis.

Space

- That the Main Library building be decommissioned as soon as possible. In the meantime, the population using the building should be minimized. A very high priority should be placed on the removal to appropriate space of the Special Collections and collections in Fine Arts presently housed in the Main Library.
- That low-cost storage space be provided for approximately one-third of the collection. This should be economical, contiguous space for storage of low-use materials, with adequate environmental control, rapid access, and requiring a minimum staff involvement. Provision of storage space should ease problems of overcrowding and allow flexibility for the Library system to adjust during a time of rapid and comprehensive change.
- That the University proceed with Phase II of the Walter C. Koerner Library, which will allow further withdrawal of personnel and material from the Main Library building, including the Map Library, Special Collections, Fine Arts, and remaining holdings in the Humanities.
- That the University develop a library to house materials for Science and Engineering. The existing Library Processing Centre could be considered as a possible focus for this development, with the possibility of a physical connection between it and the Woodward Biomedical Library.
- That where possible the functions now performed in the Library Processing Centre be moved to the branches in order to be located closer to the users.
- That a Master Plan for the Library be completed on a priority basis.

Staff

- That the Library develop a long-term plan to overcome its limited ability to replace key staff, occasioned by ongoing budget constraints.
- That the Library Administration take steps to foster a sense of shared community and purpose among diverse groups of Library staff, and between Library staff and persons in other parts of the University.
- That the Library Administration take steps to improve staff morale and provide appropriate opportunities to recognize and reward service.
- That issues of physical safety for staff (as well as Library users) be directly and substantially addressed in any planning which is undertaken.

Services

- That the Library should review the need for full service during all hours that it is open and set aside designated days when service will be available during off-peak hours to accommodate the variety of student and faculty users. These days should be widely advertised on a timely basis.
- That access hours should be reviewed with a view to accommodating the needs of all students and faculty on campus throughout the year, including the summer sessions. This will require greater coordination between the faculty and the Library with regards to matching course offerings at various times of the year with the expected need for Library services.
- That, as per the External Review recommendations, the Library quickly implement growth strategies for Netinfo and engage in discussions with other parts of the University community to investigate how funding for this might be shared.
- That existing programs aimed at training users to harness effectively the various resources available at the Library be extended and that new ones be established. Further, that the Library explore avenues for involving students from the School of Library, Archival, and Information Studies in ways that both enrich their educational program and benefit the Library and its users.
- That the Library seek to formally orient all new students to the Library and its services as well as establish programs in cooperation with faculty that would train and orient students entering a majors program to subject-specific resources.
- That the University ensure prompt response to maintenance needs at Main Library.
- That efforts be made to increase access to the Library on-line catalogue.
- That data on CD-ROM machines be made more accessible through networking, longer hours of access, and/or increasing the number available.
- That photocopiers be made widely available at all Library sites and that staff place a high priority on ensuring that they remain in good working order.
- That UBC users be given priority in the delivery of Library services, while respecting the needs of external patrons.
- That any proposals to implement user fees for services, especially to UBC users, be carefully thought through and discussed widely before implementation, with consideration of the often differentiated impact that general decisions such as the imposition of user fees have on particular groups of users.
- That the Library recognize the role that Sedgewick Library has played in drawing undergraduate students from all disciplines to the Library and seek ways to make Koerner Library welcoming and accessible for these students.
- That greater attention be paid to reshelving books and other items as promptly as possible.

Organizational Leadership

- That the University Librarian report only to the Vice President, Student and Academic Services with the Senate Library Committee serving in an advisory capacity.
- That the Vice President, Student and Academic Services take a more active role in the meetings of the Senate Library Committee. This will enable a greater sharing of perspectives between the Vice President, Student and Academic Services, the Senate Library Committee and the University Librarian during this period of transformation in the Library.
- That as part of its current effort at organizational restructuring, the Library clarify decision-making responsibilities of individuals/units/committees and also its internal reporting structure. The Committee suggests that while the Library has improved its organizational structure in recent years and has plans for further improvement, it look into the possibility of hiring a management consultant to assist in the process.

Internal Relations

- That Library staff continue to be employed to teach courses for SLAIS, and that their release time be appropriately acknowledged in the budgets of the two units.
- That the Library continue to offer employment to student librarians which will advance their education as fully as possible.
- That to strengthen the relationship between the Senate Library Committee and the various Faculty/Departmental Library Advisory Committees and facilitate more interaction between them, a meeting be held between all of the Chairs and the Chair of the Senate Library Committee, at least once a term. The Committee recommends that all Faculty/Departmental Advisory Committees have both a representative of undergraduate students and a representative of graduate students. One-on-one meetings between each chair and the Senate Library Committee Chair are also encouraged.
- That those responsible for Reading Rooms maintain close contact with Library Advisory Committees and with librarians, and that they keep the Library informed about their holdings and acquisitions.
- That the Library make funds available to catalogue University-owned materials in reading rooms.

External Relations

- That the University Administration and the Library jointly place a high priority on the development of a formal definition of the provincial role of the Library.
- That the University Administration and the Library jointly seek support from other institutions and organizations for recognition of the role of the Library as the "library of last resort."
- That the University Administration and the Library jointly seek the official recognition of the provincial role of the Library by the relevant provincial bodies, and actively pursue special funding by the provincial government in recognition of the services provided by the Library to the wider community as a "library of last resort."
- That the Library place a high priority on developing a sound business plan that identifies and clarifies the appropriate roles for both subsidized and cost-recovered services to external users, and provides a cost-benefit analysis of fees-for-service to those users.
- That the Library Administration work with the University Administration and the Ministry of Skills, Labour and Training to facilitate and encourage provincial cooperative planning of research programs and appropriate library research collections within post-secondary institutions.
- That the Library Administration take a leadership role in the development of inter-institutional collection development agreements and collaborative purchasing agreements between post-secondary institutions within the province
- That the Library network with other post-secondary institution libraries when instituting further serials cancellations to ensure that unique subscriptions are identified and the impact of cancellation on the wider academic community is considered.
- That the Library work with other post-secondary institute libraries, particularly the community college libraries, to ensure that information on the appropriate use of the Library by non-UBC students is disseminated to faculty and instructors.
- That the Library develop simple self-instruction guides and maps for the use of non-UBC visitors to the Library, and that directional signage be improved in libraries to minimize the need for staff intervention.
- That the University Administration reexamine the requirement that interlibrary loans be singled out as a full cost-recovery library service.
- That the Library Administration continue to pursue the equitable sharing of costs between net borrowers and net lenders within existing network agreements.
- That the Library continue to pursue opportunities to reduce the cost of borrowing materials through increased end-user searching and self-service programs.
- That if fees-for-service become essential to the continued provision of interlibrary loan services to UBC faculty and students that every attempt be made to ensure continued equitable access to information through scaled fees or a yearly user fee incorporated into tuition.

THE UNIVERSITY OF BRITISH COLUMBIA

POLICY ON RECORDS RETENTION AND DISPOSITION

Draft

THE UNIVERSITY OF BRITISH COLUMBIA

February 8, 1996

Dear Colleagues:

Published here for your review are draft policies on:

- Records Retention and Disposition
- University Archives
- Killam University Professors

Please send your comments and suggestions to Vice Provost Libby Nason by the end of February.

Sincerely yours,

David W. Strangway
President

RESPONSIBLE: All Vice-Presidents

PURPOSE:

- To ensure that the University's corporate records are managed in an effective and efficient manner;
- To provide practical guidelines for the application of the general principles enunciated in the Records Management Policy (UBC Policy #118);
- To ensure that no corporate records are destroyed or disposed of unless authorized by an approved retention schedule or with the approval of the University Records Disposition Committee;
- To ensure that any physical destruction carried out in accordance with the records retention schedule is appropriate for the type of record involved.

SCOPE: This policy applies to all departments and administrative offices of the University, to all records of the University, and to all University officers and employees who create, receive or maintain records as part of their work on behalf of the University.

POLICY: All records created by University officers or employees in the course of their duties on behalf of the University are retained for as long as they are required to meet the legal, administrative and operational requirements of the University, after which time they are either destroyed or transferred to the University Archives. The final disposition (either destruction or transfer to the Archives) of records is carried out according to approved records schedules or with the approval of the University Records Disposition Committee.

While the records schedules prescribe the minimum period that University records must be retained, offices may, at their discretion, keep the records for a longer period of time if it is deemed necessary.

It is the responsibility of the individual offices to ensure that the appropriate security measures are observed for maintaining records containing personal or other confidential information. When scheduled for destruction this material must be shredded, pulped, burned or otherwise disposed of to ensure that such information is not disclosed.

While operational responsibility rests with the Vice-Presidents and administrative heads of unit, the University Archives assists departments, provides advice to the University community and reports on compliance.

PROCEDURES:

The University Archives drafts records retention schedules for corporate records that define the length of time that specified types of records are to be retained in their active and semi-active phases, as well as their final disposition once they become inactive. These guidelines are based on a determination of the following: legal retention requirements as defined in relevant federal and provincial statutes and regulations; administrative and operational requirements as defined by the creating office (in consultation with the University Archives); and, the historical value of records as defined by the University Archives.

After the draft schedules have been reviewed and approved by the University Archives and Records Management Advisory Committee, they are forwarded for final approval to the University Records Disposition Committee.

Following final approval by the Disposition Committee, the schedules are sent to representatives of academic and administrative units across campus who are responsible for applying the schedules to their records.

Questions about the disposition of records not included in the schedules are forwarded to the Disposition Committee that makes a final determination based on the recommendation of the University Archivist.

After the records have been retained in the creating offices for the requisite time as stipulated in the records schedules, they are either destroyed or sent to the University Archives for permanent retention.

Offices transferring permanently valuable records contact the University Archives to arrange for transfer, pack records in boxes available through the Archives, and send a file list with each box.

DEFINITIONS:

Disposition is the action taken in regard to the disposal of inactive records, which can involve physical destruction by means of burning, pulping, shredding or recycling; transfer to archival storage for selective or full retention; or special disposal through sale, grant or other formal act of alienation from the custody of the University.

Corporate records are records created, received and accumulated by University officers or employees on behalf of the University. These records can take a variety of forms. In accordance with the definition in the *Freedom of Information and Protection of Privacy Act*, records include "books, documents, maps, drawings, photographs, letters, vouchers, papers, and any other thing on which information is recorded or stored by graphic, electronic or mechanical means", but excludes an individual faculty member's research records and computer programs or other mechanisms that produce records.

A *records retention schedule* is a control document that describes the University's corporate records at a series level and indicates the length of time each series shall be retained as active before transfer to semi-active storage; the length of time each series should be retained as semi-active prior to final disposition; and the final disposition of each series. This document serves as the legal authorization for the disposal of public documents.

THE UNIVERSITY OF BRITISH COLUMBIA

POLICY ON UNIVERSITY ARCHIVES

Draft

RESPONSIBLE: Vice-President Student & Academic Services

PURPOSES:

- To serve as the University's corporate memory by preserving and protecting its permanently valuable records
- To provide the information necessary to establish continuity for future decision-making and to permit the University to meet its institutional accountability requirements
- To facilitate the efficient management of the University's corporate records by coordinating the institutional records management program
- To augment the corporate memory through the acquisition of non-corporate records of the University, including the personal papers of faculty, staff and alumni, and the records of organizations associated with the University having permanent value
- To disseminate information about the development of the institution to interested parties at the University and beyond
- To encourage and facilitate academic research through the preparation of finding aids and specialized research tools and the provision of reference services

POLICY:

The University Archives, operating under the auspices of the University Library, is the official repository for the institution's corporate records of permanent value created or received by University officers or employees in the course of their duties on behalf of the institution. The University Archivist is responsible for identifying, acquiring, preserving and providing access to the University's permanently valuable corporate records (regardless of physical form or characteristics). Permanently valuable records which are no longer required in the office of origin are transferred to the custody of the Archives. The Archives is responsible for managing and preserving those records on behalf of the University.

To complement and place into context the full range of activities and functions of the institution, the University Archives also acquires the private papers of selected faculty members, administrators and former students; research collections assembled by faculty members in the course of their academic work; and the records of independent student, alumni and employee organizations.

The University Archives retains the right to charge for any reproduction or other research service. A schedule of fees is made available to the research public regularly. The Archives retains the right to reproduce materials by mechanical, electronic, or photographic means for conservation, security or research purposes.

Any restrictions placed on records held by the University Archives are applied in a uniform manner to all users. Access to corporate records of the University is provided in accordance with the provisions of the *Freedom of Information and Protection of Privacy Act*. Access to non-corporate records is governed by agreements negotiated between the Archives and the donors, as per Section 3 (1)(f) of the *Freedom of Information and Protection of Privacy Act*.

The University Archivist coordinates the institution's records management program, monitors the application of the records schedules approved by the institution, and

THE UNIVERSITY OF BRITISH COLUMBIA

POLICY ON UNIVERSITY ARCHIVES (cont.)
Draft

participates in other records-related activities as appropriate. The Archivist has direct access to the entire University community and has the authority to accept and arrange for the transfer of non-current corporate records to the University Archives. S/he also has the authority to accept unofficial records and/or private papers. The University Archivist is accountable to the University Librarian, who receives advice from the University Archives and Records Management Advisory Committee on the implementation of the University Archives policy.

PROCEDURES:

The University Archives serves the institution by:

- identifying permanently valuable corporate records and providing for their transfer to the Archives when they become inactive;
- identifying older University records (i.e. not scheduled) that have permanent value and ensuring that they are transferred to the Archives, and identifying those that may have been alienated from the custody of the University and negotiating for their return;
- accepting donations of inactive records of archival value of bodies affiliated with the University (i.e. Alumni Association, Faculty Association, Alma Mater Society, Vancouver Institute) that wish to enter into a negotiated transfer arrangement;
- accepting donations of any other records of archival value that document or relate to aspects of the history of the University;
- accepting donations of private papers or research materials from distinguished faculty members, administrative staff or former students taking into full consideration such factors as authority to transfer, donate or sell; financial arrangements, implications and benefits; plans for processing; copyright, and conditions of access;
- arranging and describing archival material according to archival principles and making them accessible to researchers, including University personnel, students, faculty, and the general public on a regular basis, unless access is restricted by legal requirements or written agreements with agency/person, transferring/ donating the records;
- providing adequate and appropriate conditions for the storage, protection and preservation of University's archival material;
- providing regular reference service to permit both University staff and members of the general public to conduct research using archival records;
- providing advice and assistance to those responsible for creating and maintaining the University's corporate records;
- providing educational and outreach programming whenever possible to increase public awareness and understanding of the history and development of the University of British Columbia; and,
- providing advice and assistance to, and cooperating with, other archival repositories in the province individually and as part of the development of a regional archival system.

DEFINITIONS:

Corporate records are records created, received and accumulated by University officers or employees on behalf of the University. These records can take a variety of forms. In accordance with the definition in the *Freedom of Information and Protection of Privacy Act* records include "books, documents, maps, drawings, photographs, letters, vouchers, papers, and any other thing on which information is recorded or stored by graphic, electronic or mechanical means", but excludes individual faculty member's research records and computer programs or other mechanisms that produce records.

Non-corporate records refer to those records which, although related to the operation or history of the institution, are not created by the institution itself. Examples of such material include: private papers of selected faculty members, administrators and former students; research collections assembled by faculty members; and the records of independent student, alumni and employee organizations. Such materials collected by the Archives are exempt from the provisions of the *Freedom of Information and Protection of Privacy Act*.

Permanently valuable records are those records that because of their administrative, financial, legal, operational, cultural, social or scientific value should be retained permanently.

Finding aids are descriptive tools, published or unpublished, manual or electronic, produced by the Archives to establish physical and/or intellectual control over records and/or archival materials. Basic finding aids include descriptive databases; guides, inventories; shelf and container lists; and indices.

THE UNIVERSITY OF BRITISH COLUMBIA

POLICY ON KILLAM UNIVERSITY PROFESSORS
Draft

RESPONSIBLE: President

PURPOSE:

To give recognition to the most exceptional members of faculty who have distinguished themselves in teaching, scholarly activity and service to the benefit both of their disciplines and UBC.

POLICY:

The designation "Killam University Professor" is conferred by the Board of Governors on the recommendation of the President to recognize exceptional members of faculty who have distinguished themselves in teaching, scholarly activity and service.

PROCEDURE:

Any member of faculty can be nominated for the designation "Killam University Professor". The nomination is made by at least six members of the University community (students, staff, and faculty), and is directed to the President.

The President seeks the advice of a committee composed of: the Chair of the Senate Tributes Committee, the Chancellor of the University, the Vice President Academic & Provost, and the Dean of the faculty concerned. The President's recommendation is forwarded to Senate for information and to the Board of Governors for approval.

Killam University Professors are administratively responsible to the President, and meet as a group with the President at least once annually to discuss plans for advancing the goals of the University. Killam University Professors are expected to contribute to the overall intellectual life of the University and to serve as academic ambassadors to the UBC's external community. Plans for discharging these responsibilities are discussed with the President. A report on the activities of Killam University Professors is published annually by the President's Office.

Killam University Professors continue to teach in their disciplines, with reduced duties to accommodate expectations of this designation. They receive an annual stipend associated with the designation. The University may provide additional resources to Killam University Professors consistent with commitments added.

Martin Dee photo

Making The Point

MLAs Gary Farrell-Collins (second from right), opposition critic for Social Services, and Wilf Hurd (right), opposition critic for education, visited campus Jan. 29 for a round-table discussion with senior UBC administrators including Dan Birch (left), vice-president Academic and Provost, and President David Strangway. Presentations included an overview of upcoming UBC initiatives and the university's role in the provincial economy.

Calendar

February 11 through February 24

Larkin Lecture
Fisheries Management After 2000: Will New Paradigms Apply? John Caddy, FAO, Italy. IRC#1, 7:30pm. Call 822-0618.

Wednesday, Feb. 21

Seminar
Osteoporosis And Inhaled Corticosteroids: Should We Be Concerned. Ema Ferreira, Pharm.D. student. Vancouver Hosp/HSC, Koerner Pavilion G279, 4:30-5:30pm. Call 822-4645.

Respiratory Research Seminar
Mechanisms Of Hyperresponsiveness In The Rat. Dr. J. Martin, Meakins-Christie Institute, Montreal. Vancouver Hosp/HSC, Doctors Residence, 2775 Heather Street, 3rd floor conference room, 5-6pm. Call 875-5653.

Building Construction Field Review Seminar Series
For Professionals In The Building Construction Industry. Various Speakers. Continues April 3. CEME 1202, 6-9pm. $700. $50 less without reference handbooks. Call 822-2347. Fax 822-3449.

Microbiology and Immunology Seminar Series
Protein Crystallography And Tropical Diseases: Cholera Toxin And Chaperonin GroES From Mycobacterium Leprae. William Hol, Dept. of Biological Structure and Howard Hughes Medical Institute, U of Washington. Wesbrook 201, 12:30-1:30pm. Call 822-3308.

Continuing Studies Seminar Series
Issues In Contemporary Islam. Emile Nucho. Until March 27 (6 Wednesdays). Family/Nutritional Sciences 50, 7:30-9:30pm. $85. Call 822-1450.

Continuing Studies Seminar Series
The West And Islam. Perceptions and Reality. Emile Nucho. Until March 13 (4 Wednesdays). Hotel Georgia, 10-11:30am. $45, seniors $25. Call 822-1450.

Paul Jones Memorial Symposium
Reasonable Accommodations For Post-Secondary Students With Learning Disabilities: Considering Policy, Practice And Parameters. Sally Scott, Virginia Dept. of Rehabilitative Services, Richmond, Virginia. Waterfront Hotel, Malispina room, 10:30am-5pm. Registration $65, pre-registration required. Call 822-5844.

Symposium
Reinventing Fisheries Management. Kevern Cochrane, James Kitchell, David Policansky, Hannesson Rognvaldur, Keith Sainsbury, Meryl Williams. Continues to Feb. 24. BioSciences 2000, 9am-5pm. $250. Registration at the symposium is possible. Call 822-0618.

Thursday, Feb. 22

Genetics Graduate Program Seminar
Some Ethical And Social Aspects Of Identifying Or Altering Human Genes. Patricia Baird, Dept. of Medical Genetics. Wesbrook 201, 4:30pm. Refreshments. Call 822-8764.

Continuing Studies Seminar Series
Introduction To Art Song: An Around The Piano Musical Tour. Until March 14 (4 Thursdays). Rena Sharon, MMus. Music, 113, 7:30-9pm. $45, seniors $25. Call 822-1450.

Green College Speaker Series
A Story Of The Unimaginably Small And The Incredibly Large. David Schram, U of Chicago and NASA/FERMILAB, Astrophysics Centre. Green College recreation lounge, 8pm. There will be a reception at 9:30pm in Graham House. Call 822-6067.

Friday, Feb. 23

Seminar
Reverse Cholesterol Transport: A Target For Pharmacological Intervention. Haydn Pritchard. IRC#3, 12:30-1:30pm. Call 822-4645.

Seminar, Slide Show Presentation
Thelon: A River Sanctuary. David F. Pelly, northern journalist and author. Grad. Student Ctr, Thea's, 2pm. Call 733-0203.

Saturday, Feb. 24

Vancouver Institute Lecture
One Culture: What Art And Science Have In Common (And How They Differ). Roald Hoffmann, John A. Newman Professor of Physical Science, Cornell U. IRC#2, 8:15pm. Call 822-3131 during regular business hours.

Next calendar deadline:
Noon, Feb. 13

Notices

Library Workshops
UBC Library offers more than 100 workshops each term on how to search UBCLIB, the Library's online catalogue/information system and how to search electronic periodical indexes and abstracts. Call or visit individual branches and divisions for course descriptions and schedules.

Badminton Drop-In
Faculty/Staff/Grad Students are welcome at the Student Recreation Centre, Mondays, 6:30-8pm, and Wednesdays, 6:45-8:15pm. Bring your library card. For cancellations call 822-6000, e-mail ratkay@unix.infoserve.net.

Volleyball
Faculty, Staff and Grad Student Volleyball Group. Every Monday and Wednesday, Osborne Centre, Gym A, 12:30-1:30pm. No fees. Drop-ins and regular attendees welcome for friendly competitive games. Call 822-4479 or e-mail: kdcs@unixg.ubc.ca.

Morris and Helen Belkin Art Gallery
Rodney Graham: also showing is Robert Filliou: From Political to Poetical Economy. To March 2. Gallery hours are: Tuesday - Friday, 10am-5pm; and Saturday, 12-5pm. 1825 Main Mall. Call 822-2759.

Faculty Development
Would you like to talk with an experienced faculty member, one on one, about your teaching concerns? Call the Centre for Faculty Development and Instructional Services at 822-0828 and ask for the Teaching Support Group.

Fitness Appraisal
The John M. Buchanan Exercise Science Laboratory is administering a comprehensive physiological assessment program to students, staff, and the general public. A complete fitness assessment with an interpretation of the results takes approximately one hour and encompasses detailed training prescription. $50 for students , $60 for all others. Call 822-4356.

Camera Needed
Do you have an automatic camera that wants a new home? The Women Students' Office needs one (preferably with built-in flash) for recording on-campus events and projects. If you can help, please call Dorothy at 822-2415.

Counselling Psychology Study
Are you a female Clerical Worker experiencing work related stress? Help us learn more about how individuals cope with stress. Volunteer and participate in a 2 hour group discussion concerning stressful events related to your job. Call Dr. Bonita Long, UBC Department of Counselling Psychology at 822-9199.

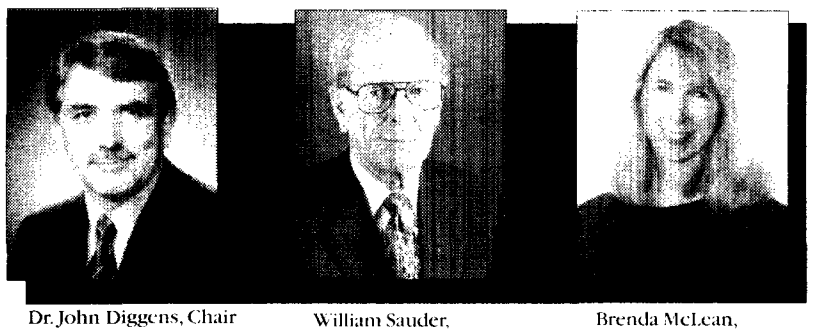
THE UNIVERSITY OF BRITISH COLUMBIA

The Wesbrook Society

President David Strangway is pleased to announce the appointment of the following Wesbrook Society Council members.

Founded in 1981, the Wesbrook Society helps the University of British Columbia continue with the proud tradition and commitment to excellence in research and higher education.

The Wesbrook Society Council formalizes and develops the demonstrated interest and involvement of the community and business leaders with the University.



Dr. John Diggens, Chair

William Sauder, Chairman and CEO Sauder Industries Ltd.

Brenda McLean, President The McLean Group

David Crombie, Chairman and CEO Rayrock Yellowknife Resources Inc.

Martin Glynn, Executive Vice-President Hongkong Bank of Canada

Martin Zlotnik, Partner Zlotnik, Lamb & Company

The President's Lectures & Committee on Religion and Literature

KENNETH CRAGG

Anglican Bishop, retired

Studying Islam (or other religions): Retrospect and Prospects
Tuesday, February 13 at 2:30-4:30 PM
Free Seminar in Buchanan Penthouse

Islam Today: Prejudice and Hope
Wednesday, February 14 at 12:30 PM
Free Public Lecture in Buchanan A-205

The Religious Dimension to Conflict in the Middle East
Wednesday, February 14 at 7:30-9:00 PM
Continuing Studies Lecture in Woodward IRC, Hall 1
$10 Non-refundable. Call 822-1450

The Meeting of Literary Minds:
Arabic and English Writing this Century
Thursday, February 15 at 5:30 PM
Green College Recreation Room

News Digest

Faculty and graduate students from Canada's four western provinces and the northwest United States will gather at UBC Feb. 22-24 to participate in the 18th annual winter workshop of the Canada West Society for Reproductive Biology.

This year's workshop will focus on the latest research in embryo production, implantation and early embryonic mortality.

"Learning how science can improve the reproduction potential of farm animals may create an understanding of what applications are possible in the human species, especially in overcoming infertility problems," said Rajadurai Rajamahendran, a professor of Animal Science and chair of the winter workshop program.

Western Washington University Prof. Raymond Wright, Jr. will deliver the keynote address on in vivo and in vitro embryo production in cattle.

The two-day workshop is sponsored by the Dept. of Animal Science in the Faculty of Agricultural Sciences and will take place in the Asian Centre on campus.

For more information, call 822-4784, fax 822-4400 or send e-mail to raja@unixg.ubc.ca.

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Organizers of this year's campus Sexual Health Fair will focus on healthy sex and sexy health to help students recognize that robust sexuality goes beyond the act of sex, says Pearl Wierenga, UBC's health education co-ordinator.

"We also want to provide students with information and raise awareness of issues and aspects of sexual health such as HIV, pregnancy, sexual assault, gender, decision-making and the connection between substance use and sexual behaviour."

On- and off-campus agencies will set up booths for the two-day event which runs Feb. 15 and 16 in the south concourse of the Student Union Building (SUB) from 10:30 a.m. to 2:30 p.m.

Sexpert Rhona Raskin, host of the radio program "Sex, Lies, Love and Relationships," will be on hand Feb. 15 at 12:30 p.m. in the SUB Conversation Pit to make a special presentation on sex in the '90s and answer questions from the audience.

For more information, call 822-4858.

• • • • •

UBC's Greek fraternities and sororities will make a splash to raise money for the Canadian National Institute for the Blind during a swim meet Friday, Feb. 9 in the UBC Aquatic Centre.

Christie Dearbyshire, president of the UBC chapter of the Delta Gamma sorority, said 120 participants will take part in a fun swim meet from 9 p.m. to 11 p.m. Spectators are welcome.

Competitors will do battle during inner tube relay races, swim fully clad and face a variety of other aquatic challenges. The fraternities will wrap up the evening with a skit.

Delta Gamma has 138 chapters in North America and has been organizing the swim meet to raise money for the blind for 15 years. For further information call 263-4581.

Classified

The classified advertising rate is $15.75 for 35 words or less. Each additional word is 50 cents. Rate includes GST. Ads must be submitted in writing 10 days before publication date to the UBC Public Affairs Office, 310 – 6251 Cecil Green Park Road, Vancouver B.C., V6T 1Z1, accompanied by payment in cash, cheque (made out to *UBC Reports*) or internal requisition. Advertising enquiries: 822-3131.

The deadline for the February 22, 1996 issue of UBC Reports is noon, February 13.

Services

FACULTY PENSION and RRSP Asset Allocation Service. Let me remove the worry and hassle of making your pension and RRSP investment decisions! I use sophisticated computer software to analyse your investment personality and retirement goals to optimize your entire retirement portfolio. Call Don Proteau, B.Comm., R.F.P. at 687-7526 to receive a free Asset Allocation Kit. References available. RETIRE EARLIER WITH MORE!

TIAA-CREF Members. Arm yourself with the information you need to make the best investment decision. Call Don Proteau at 687-7526 and ask for the Asset Allocation Kit.

Housing Wanted

VISITING PROFESSOR AND SPOUSE (no children, no pets) desire furnished 2-bedroom apartment mid-August/96 to 30 May/97 (exact dates negotiable). Prefer West End near Park or Kits. Please call Howard Kushner at (619)594-6258 or (619)286-3699; fax (619)594-7976; e-mail hkushner@ucsd.edu.

Employment

INTERNET GOES MLM world-wide launch date Feb. 1/96. No investment required. Phone 454-4662.

Accommodation

VANCOUVER/CENTRAL RICHMOND 3 bedroom, 2 baths, furn. condo, 20 min. to UBC, 7 appliances, insuite laundry, mtn view, close to shopping, park, theatres, pools, etc. Available Apr-Aug/96, non-smokers, $1200/mo. (604)231-0631.

TINA'S GUEST HOUSE Elegant accom. in Pt. Grey area. Minutes to UBC. On main bus routes. Close to shops and restaurants. Inc. TV, tea and coffee making, private phone/fridge. Weekly rates available. Tel: 222-3461. Fax:222-9279.

GREEN COLLEGE GUEST HOUSE Five suites available for academic visitors to UBC only. Guests dine with residents and enjoy college life. Daily rate $50, plus $13/day for meals Sun.-Thurs. Call 822-8660 for more information and availability.

NEAR UBC, DUNBAR AREA, quiet beautiful. Newly renovated. Close to shopping and bus. Fully furnished house. Lease till Aug. extendable, immediate available. No pets, no smoking. Ideal for prof. family. Please phone 224-3423.

Accommodation

PLEASANT, BRIGHT APARTMENT Comfortable one bedroom apartment with patio, fully furnished and close to UBC. Available for three months or longer from mid-February. Reasonable rent in return for taking care of two affectionate cats. Please call Thomson, 228-8825

JERICHO TOWN HOUSE for rent. Fully furnished, near UBC. Delightful, bright and cosy, 2-bedroom home with den, 2 bathrooms, garage and pleasant garden. Renting from May 1996. Short/longterm lease to 2-3 people. Non-smoking, no pets. $2500/month. References required. Call (604) 733-7986.

POINT GREY GUEST HOUSE A perfect spot to reserve accommodation for guest lecturers or other university members who visit throughout the year. Close to UBC and other Vancouver attractions, a tasteful representation of our city and of UBC. 4103 W. 10th Ave., Vancouver. BC. V6R 2H2. Phone or fax (604)222-4104.

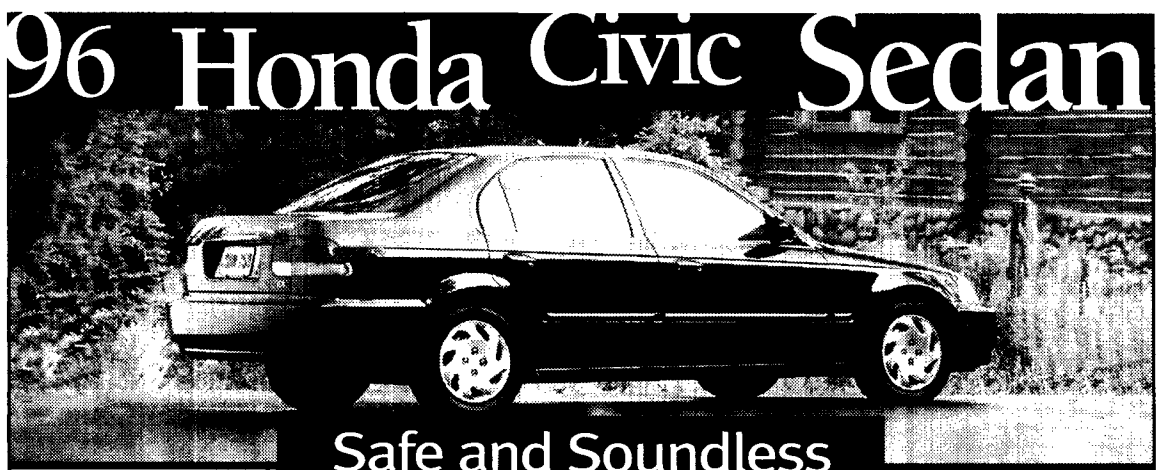
Next ad deadline:
Noon, Feb. 13

Surplus Equipment Recycling Facility

Wednesday Sales: noon - 5:00
Furniture/Computers/Scientific equipment etc.

Task Force Building
2352 Health Sciences Mall
Phone 822-2813

'96 Honda Civic Sedan



Safe and Soundless

Honda engineering makes 1996 the "Year of the Civic."

Honda thinks safety—first and always. Which is why the new Civic Sedan features sophisticated design techniques and safety features you'd only expect on more expensive cars, such as:

- driver's and front passenger's airbag (SRS)
- heavily reinforced body for extra protection from full-frontal, offset-frontal & rollover impacts
- impact-absorbing front & rear crumple zones
- easy-to-monitor dashboard design
- controls positioned within driver's line of sight
- improved head lamp efficiency
- large safety-glass windshield
- pre-wired for security system

To this improved level of safety, the new Civic Sedan adds uncommon comfort and drivability—underlined by a ride that's the quietest and smoothest ever, thanks to:

- new fluid-filled engine mounts
- the latest sound-insulating materials
- unique new hollow steering column
- reduced noise, vibration and harshness
- unit-body construction for a rigid, rattle free body
- body design that minimizes wind noise

Automobile Magazine "Automobile of the Year" January 1996

1996 Civic Sedans from only $14,895 + $750 (PDI & freight)

$15,645 plus applicable taxes

Take the Civic Sedan test drive. It costs nothing. It proves everything.

YOUR B.C. HONDA DEALERS AS RELIABLE AS THE CARS THEY SELL

BUILT WITHOUT COMPROMISE.

UBC Biomedical Communications

Dedicated to educational media & audio visual services

ART & GRAPHICS:
• freehand illustration to computer graphics and design

AV EQUIPMENT RENTAL:
• projectors, screens, PA systems, VCRs, LCD panels, etc.

IMAGING SERVICES:
• slides, Photo CD

New services: CD ROM mastering, video capture, scanning

MEDIA SALES:
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• New 1996 catalogue now available — Phone 822-4819 to receive your free copy!

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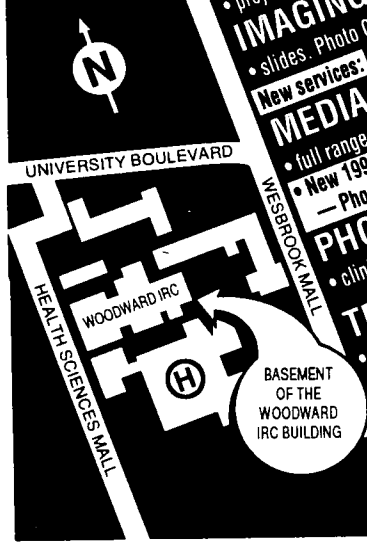

T-bird notes

by Don Wells
Thunderbird Athletics

Ball team on winner's streak

With the exception of the University of Toronto, UBC teams have won more national championships than any other Canadian university. Up until Oct. 13 of last year, that meant that there was almost always at least one sports reporter or TV camera on campus chasing down a T-Bird athlete or coach at any given time. After all, with the possible exception of tragedy or scandal, nothing breeds curiosity among sport scribes more than success.

For some people, it appeared to be a dark and stormy mid-autumn night when the NBA roared into town. The debut of the Vancouver Grizzlies on that eve had many coaches, administrators and promoters of amateur sport suddenly knowing how neighborhood retailers felt when Wal-mart came to town. Others argued that **Arthur Griffiths** and company had successfully orchestrated sport's answer to the Berlin Philharmonic and that the new franchise would inspire greater enthusiasm for basketball and that teams like SFU and UBC would be among the beneficiaries.

While the debate ensued, Grizzlies administrators worked feverishly behind the scenes to not only get their new expansion team off the ground but also build the world's largest and most sophisticated bear's den, all the while being careful not to trample the delicate foliage that was amateur sports. There was no question within the Orca Bay Sports and Entertainment management team that a mandate had to be established that would call for forging active partnerships in the community they now called home. The questions were how and with whom?

In its capacity as the third largest university in Canada, the oldest in the province and one with the aforementioned record of athletic success, UBC looked like an attractive partner. Grizzlies Futures was officially announced at a media conference in War Memorial Gym on June 5, 1995. The plan resulted in the establishment of a $2-million endowment fund for sport and education at this university.

Now back to the part about how success breeds curiosity in the news room. Although the Grizzlies temporarily stole the media spotlight away from the sport venues of Point Grey, the impressive winning streak and current first-place status of the Thunderbird men's basketball team has brought it back. UBC is again in the hunt for a national title, one that has so narrowly eluded it since 1972.

The T-Birds came close three times in the decade since head coach Bruce Enns took over after 12 seasons at the University of Winnipeg. In 1987, they ended the seven-year national championship streak set by Victoria in an electrifying best-of-three conference championship series before 3500 War Memorial Gym fans and went all the way to the national final only to lose by six to the always-gritty Brandon Bobcats. In 1991, they lost to Acadia Axemen in the opener of the CIAU Championships in Halifax and then bowed out to Brock Badgers in the national semi-final the following year.

D. Thomson photo

Brady Ibbetson (left) will be among the Thunderbirds playing hard ball against arch-rivals the Victoria Vikes in the last game of the regular season Feb. 17.

But the recent return of television cameras, photographers and reporters to War Memorial Gym has brought back the same heady feeling when **J.D. Jackson**, **John Mills** and **Ron Thorsen** were crashing the backboards for UBC. The T-Birds can already feel that cool late-winter breeze coming in off the harbour in Halifax, site of the CIAU Final Eight March 15-17.

But there are yet able-bodied and spirited competitors standing in the way and, as usual, among them are the Victoria Vikes. But with the Grizzlies promotional staff working to assist UBC Athletics in marketing the final regular season home game against Victoria February 17, Enns and his team can hopefully look forward to the help of a packed house when the final die of the regular season is cast.

If the T-Birds can keep the pace they have set all season long, the road to Halifax will begin on Point Grey in the form of home-court advantage throughout the Canada West play-offs. From there it will hopefully travel from sea to shining sea.

And somewhere in the entourage will be UBC's partners from the Vancouver Grizzlies, banging the drum loudly.

THE BIRDWATCHER'S PACKAGE!!

VANCOUVER GRIZZLIES VS ATLANTA HAWKS

VS VIKES

Watch the Vancouver Grizzlies take on the Atlanta Hawks, Friday, Feb. 16, then see the T-Birds battle their B.C. rivals, the UVIC Vikings, on Saturday, Feb. 17!!!

Tickets to both games for less than the price of one!
Offer ends Feb. 15th so act fast.

Packages for $27.50 or $34.25, GST included!!!

For tickets and info, call **899-HOOP**, and ask for Karla

ORCA BAY SPORTS & ENTERTAINMENT

Orca Bay and UBC, Community Partners in Sport and Education

People

by staff writers

Brenda Eng, a UBC nursing alumna and founder of Canuck Place, is *B.C. Woman Magazine's* B.C. Woman of the Year.

Eng, who graduated with a BSN from UBC in 1984, founded the HUGS (Human Understanding, Growth, and Sharing) Children's Hospice Society in 1989 with UBC School of Nursing Assoc. Prof. Betty Davies and Lois Youngson, a long-time Canadian Cancer Society volunteer.

Cindy Sommerfield photo

Eng

A paediatric nurse, Eng also works on the cancer ward at B.C.'s Children's Hospital. She has a master's degree and has received numerous awards, including the 1995 Award of Excellence from the Association of Pediatric Oncology Nurses.

• • • • •

Associate Dean of Law **Robert Diebolt** is among this year's recipients of the title Queen's Counsel (QC). Diebolt, a native of Vancouver and graduate of UBC's Faculty of Law, earned his LLM from the London School of Economics and Political Science.

He was first appointed to UBC as an assistant professor in 1971, and worked in private practice from 1975 to 1977 before re-joining the university. His areas of research include commercial law and secured transactions.

Consensus is reach by the attorney general, all levels of the judiciary and the Law Society of B.C. (on behalf of the legal profession), in recommending QC designations. The appointments are made by the lieutenant-governor in council.

The honour, which began in Norman times when King Stephen appointed the first K.C. in 1139 to represent him before an ecclesiastical court, recognizes distinguished and respected members of the bar who have contributed significantly to the legal profession.

Also appointed was **Debra Browning**, a past president of the UBC Alumni Association.

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Rabbi **Kenneth Kaufman** has been appointed to the position of executive director of Vancouver Hillel House, headquartered at UBC.

Kaufman, who attended Yeshiva University of Los Angeles, the Hebrew Theological College of Illinois and seminaries in Israel, received his rabbinical ordination in Jerusalem.

He has a secular education from California State University at Long Beach where he took a graduate program in social work. Prior to joining Vancouver Hillel House, Kaufman was a program director at Jewish Family Service in Santa Monica, Calif.

Hillel House offers educational, cultural, recreational and social programs to students, faculty and staff who are interested in Jewish tradition and serves UBC, Simon Fraser University, Langara College, BCIT, Kwantlen College, Capilano College and the Emily Carr College of Art and Design.

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Jack Leigh has been appointed executive director, Computing and Communications pro tem, for the period Dec. 15, 1995 until Aug. 31, 1996.

Leigh will continue to hold his position of director, University Computing Services, a position he has held since 1986.

He is also chair of the board of directors of the BCnet Networking Society and a member of the board of directors of CA*net Networking Inc.

Bernard Sheehan stepped down last month as associate vice-president, Computing and Communications to become president of the new Technical University of B.C., to be located in Cloverdale.

Leigh

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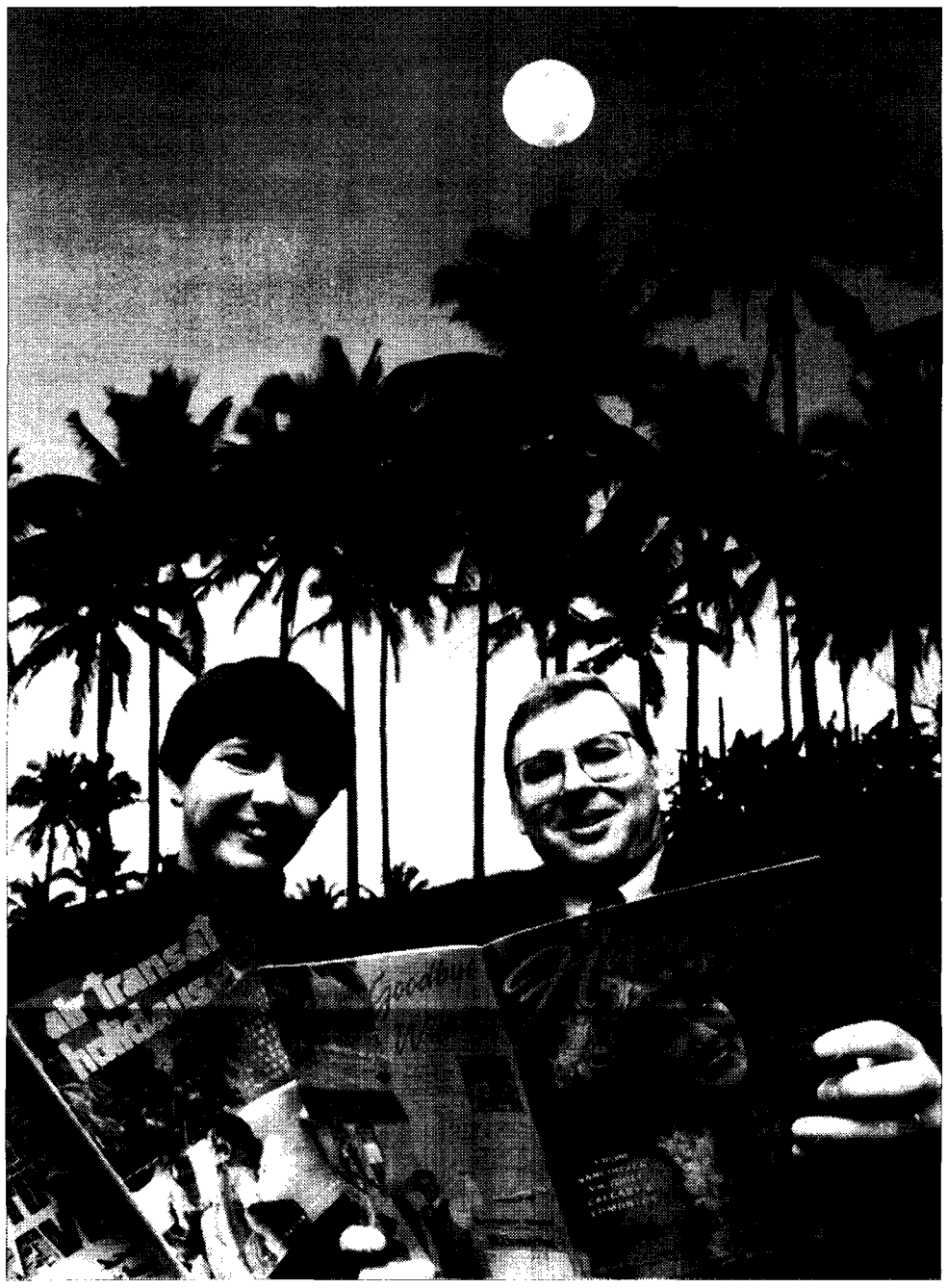
Profile

Heartbreak Hotel

Attaining the 'apex of joy' isn't always possible, say the Bulcrofts



Martin Dee photo imaging

Kris and Richard Bulcroft's research indicates that couples may push their relationship to the background in hopes of experiencing the perfect honeymoon.

by Connie Bagshaw
Staff writer

Fans of the 1950s television series "The Honeymooners" know that when volatile bus driver Ralph Kramden repeatedly promised his long-suffering wife Alice a trip to the moon, he wasn't proposing the celestial adventure suggested by the title of the show.

But if he were, chances are the Kramdens, like real couples today, might have a hard time finding the bliss and perfection that now defines the modern-day honeymoon.

Since 1993, sociologist Kris Bulcroft, a visiting Fulbright Scholar from Western Washington University, and her husband Richard Bulcroft, an assistant professor of Family and Nutritional Sciences at UBC, have been studying how the North American honeymoon is represented in culture and the changes it has gone through from the late 1800s to the present day.

Their research indicates that industrialization and modernization were major influences in the evolution of the honeymoon.

Existing studies tell us that a dominant force resulting from industrialization was the nuclear family, with emphasis on the emotional content of marital bonds, the Bulcrofts say.

With the progression to modernization came an increasing need to seek fulfillment on a personal level within the context of the marital relationship.

These factors, combined with several others, have led to what the Bulcrofts describe as a growing orchestration and more complex scripting of honeymooning, putting couples' expectations of the experience—and their potential for disappointment and anxiety—over the moon.

"There is an increased perception of higher risk in our relationships because of modernization and the emphasis on the individual," Kris Bulcroft explains.

"In response to that risk, we try to plan out our relationships more and the recent ability to mass produce romantic fantasies helps people feel that they can control the honeymoon. But what we're finding is a new risk—that we can't meet the expectations created by notions that the honeymoon can be perfect.

"Because of the high levels of cultural scripting, couples today can gloss over what the honeymoon was really like and claim the ultimate emotional experience, what the *Ladies' Home Journal* called the 'apex of joy' back in 1961. It's the first time we see documented evidence that the honeymoon was to be a pinnacle experience, which coincides with the movement toward the bride-centred honeymoon in the 1950s."

A survey of articles in popular press magazines dating from 1880 to 1995 has provided most of the data used by the research team which includes art history professor and UBC alumna Linda Smeins from Western Washington University and UBC graduate student Helen Cranage.

Although the origin of the honeymoon isn't known, their study suggests that the elite bridal tour of the 1800s, where couples spent one or two months on the continent, is the grandmother of the modern honeymoon.

Newlywed couples of more modest means also began taking honeymoons around this time, albeit more individualized, spontaneous experiences than today's.

"Couples often went camping or duck hunting which reflects the fact that, at the turn of the century, men were more involved in planning the honeymoon than women, often linking honeymoon trips to business, perhaps looking for work. Women's roles were to adjust to men and domesticity," Kris says.

But a new image of women and their role began to emerge as they entered the labour force in large volume during the '40s and '50s.

"There was increased pressure to marry at earlier ages after WWII and women were expected to modify their wartime employment levels and care for their husbands' emotional needs. Increased feminization of the honeymoon, making it the bride's event, soon followed," Richard says.

Honeymoon-related data in the popular press at this time reinforced the image of women as emotional gatekeepers in relationships, a role they still relegate to women with no trend toward equality emerging, he adds.

"Even today, articles in brides' magazines feature tips on how to prepare your groom for the wedding and honeymoon. He's something you bring along. It seems that this is a cultural standard that has evolved and shaped our expectations."

The Bulcrofts also found that the 1950s ushered in experts whose marketing pitches were made to women, now the recognized consumers of family products.

It helps explain why, in the '50s, there was a shift from spending honeymoons in rural settings to more exotic locales, a change which brought more planning and scripting eagerly provided by the wedding experts.

In the course of their research, the Bulcrofts have discovered several ironies involved in the exotic honeymoon, still hailed as the ultimate experience by the wedding industry.

"Rich, diverse pre-marital relationships sometimes leave people struggling with how to make marriage significant," Kris says. "Honeymooning in an exotic locale is one way to give it authenticity. But in an attempt to make their marriage distinct and unique from the live-in relationship through the honeymoon, and to get away from it all, they take trips that are all carefully planned and less personalized."

The Bulcrofts also find satire in advertisements for exotic honeymoon destinations that promise to flood the senses with the primitive and provide escape, a theme which their study indicates became very prevalent in the '80s and continues to dominate the '90s.

One of their favourite ads depicts a couple in a canoe winding down a jungle river drinking chilled champagne served by a waiter wearing white gloves.

"Our notion of the exotic is a social fabrication, culturally scripted and conveyed," Richard says. "But, it's appealing because it's promoted as a return to a more primitive, authentic setting and an escape from industrialization and modernization, even though certain elements of civilization and luxury are still part of the picture. The unbridled emotional experience people crave occurs all within the boundaries of what is familiar."

The researchers find that what couples are escaping from becomes questionable in the late 1980s with the introduction of the all-inclusive honeymoon package touting a multitude of activities as its key selling point.

"In the beginning, at least the emphasis was on couple-oriented activities, but the '90s have given us all-inclusive packages featuring group activities, including stress management seminars," Kris said. "Itineraries are so highly detailed that newlyweds don't even have to talk to each other."

As for the Bulcrofts, who married 15 years ago, they never had a wedding trip. But two years ago, while in Zanzibar where Richard worked on a Fulbright scholarship and Kris prepared a prospectus for their yet-to-be-published book, *The Heart-Shaped Tub*, it struck them both that they were on the perfect honeymoon.

There were no phones or fax machines. They were the only ones to put their footprints on the beach. There was total privacy and isolation.

And no waiters wearing white gloves serving chilled champagne.