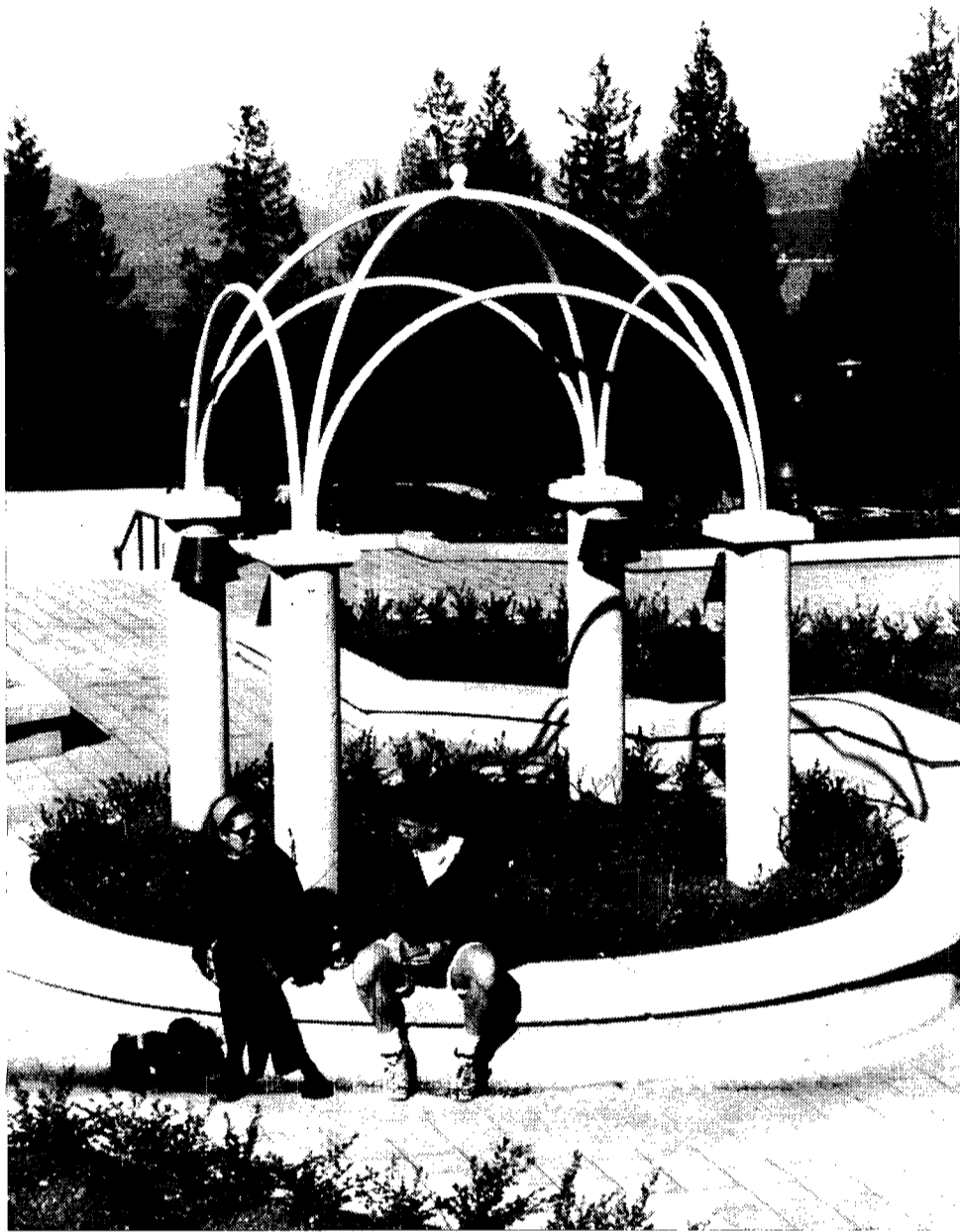


UBC REPORTS

Volume 41, Number 5

March 9, 1995



Rose Buds

Charles Ker photo

Third-year Arts student Barbara Carlisle and first-year Music student Keith Fredlund enjoy some lunch and sunshine beside the centre pergola of the restored Rose Garden.

Centre helps faculty build on teaching skills

by Charles Ker

Staff writer

Botanist Paul G. Harrison had been teaching first-year biology for close to 20 years and was looking for new ways to invigorate his classes, most of which involve as many as 200 students.

When a flyer from the Centre for Faculty Development and Instructional Services crossed his desk, Harrison thought he'd check out one of the programs offered.

"I wanted to explore alternative ways of organizing a class other than just the traditional lecture and thought the centre workshops might help me in terms of getting students more involved," he said. "As a typical faculty member in science with no formal training in educational techniques, it took me a long time to realize that I could do something other than just lecture."

It didn't take long before Harrison's efforts to modify his teaching were rewarded. A year after attending an inten-

sive three-day instructional skills workshop, he received the UBC Science Undergraduate Society Teaching Award for 1993-94.

Since its inception in 1987 as the Faculty Development Project, the centre has provided hundreds of faculty members and graduate student teaching assistants (TAs) with advice and practical help on how to enhance their instruction.

Mainstays of the centre are its voluntary instructional skills workshops which were introduced in 1991 for teaching assistants only. Their immediate success opened the workshops to all graduate students and later led to the creation of

separate faculty workshops. Harrison is now one of seven volunteer facilitators who have been specially trained through a B.C. college-based program to lead faculty colleagues through the rigorous three-day process. There are a dozen graduate facilitators for the TA component.

See CENTRE Page 5

In this issue UBC Reports begins an ongoing look at teaching at UBC.

See pages 4 and 5

Hackers breach computer network

by Gavin Wilson

Staff writer

University Computing Services is looking at ways of reducing the inconvenience suffered by the university's computer network users after a security breach resulted in a massive disruption of service last week.

About 3,000 network accounts had to be disabled after hackers broke through security systems, putting at risk thousands of computer files, including electronic mail messages.

The hackers used a security hole in the unix system and, through a chain of legitimate unix accounts — beginning at TRIUMF and passing through Computer Science — obtained "root access" privileges on unix.

These privileges allowed the hackers to get the passwords of about 3,000 unix and Interchange Legacy accounts, giving them access to all the data and electronic mail in their files.

Jack Leigh, director of University Computing Services, said the only way to restore security to the system and to ensure no customer data were destroyed was to disable the compromised accounts without warning, a move taken on Feb. 28, and to fix the security hole.

Advance notice could not be given to users, Leigh explained, because the hackers would get the same warning, allowing them to change the passwords on ac-

counts they had already compromised, which they could then use to re-introduce the security risk.

"The decision to disable several thousand accounts without notice is a very difficult one to take," he said. "We are very aware of the disruption to the work of our users and the personal inconvenience it caused."

To minimize the disruption, University Computing Services put procedures in place that allowed them to change passwords securely over the phone, trained extra staff on how to change passwords, extended office hours to 8 p.m. weekdays and remained open on the weekend.

"The phones rang off the hook," said Leigh. "Most customers were understanding and those who were initially irate at having their work disrupted settled down when the circumstances were explained."

Full service was restored by the end of the week.

In the meantime, University Computing Services will prepare for the inevitability of future security breaches, Leigh said. Plans include training more staff in password setting, changing the office phone system to minimize busy signals and better co-ordinating the work and hours of staff handling phone calls.

Leigh urged campus computer users to help prevent such incidents in the future by taking their responsibility for the appropriate use of information technology very seriously.

In books, discs, video, UBC authors write up a storm

From Shakespeare to seaweed, fish to phonology.

These are just a few of the topics tackled by UBC authors whose publishing contributions for 1994 will be feted at the fifth annual UBC Authors' Reception.

This year's reception will be held Mar. 16 from 5:30-7 p.m. at Cecil Green Park. The reception, hosted by President David Strangway and University Librarian Ruth Patrick, will feature a display of 115 works published by UBC authors last year.

Most, but not all, of the entries are books. There are two compact discs: Classic Elektra, the Elektra Women's

Choir, co-directed by Morna Edmundson and Dianne Loomer of the School of Music; and the University Singers, conducted by Music Prof. James Fankhauser.

There's an interactive CD-ROM, Illustrated Dermatology, by Dr. David McLean of the Faculty of Medicine; The Art of Successful Breastfeeding, a video co-produced by Dr. Verity Livingstone of the Family

Practice Dept., and another video, It Will Not Last the Night, co-produced by Theatre and Film Assoc. Prof. Ray Hall.

The titles will be on display at the reception. For more information, call UBC Library Assistant Pauline Willems at 822-2803.

Who wrote what? See UBC authors, pages 8 and 9

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A UBC employee gains recognition for her environmental efforts

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Lectures, concerts, workshops - they're all listed in the Calendar

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Engineers share first-hand observations of Kobe quake destruction

Letters

Union has right to bargain as equals

Editor:

Our employer has jumped on the band-wagon of a country-wide 'cut the cost of public services' mania. The time is ripe, they think, to gain major concessions from our local by bullying us into abandoning our own interests while we cling to the faint hope that when the dust settles some of us may have jobs.

There is no doubt that much is against us in this round of bargaining. The provincial government has effectively imposed wage controls through its Public Sector Employers' Council compensation guidelines of a maximum of 1.2 per cent per annum for groups such as ours. And its zero per cent increase to the university's operating budget really means cuts because of inflation.

The university, in turn, has informed all employee groups that in drawing up its own budget no allowances were made for salary increases, that if any are awarded they will have to come out of that employee group's salary envelope. In other words, any wage increase will be met with corresponding layoffs.

To the government, President David Strangway is saying "efficiency has risen dramatically" and "productivity improvement relative to other public sector areas has been dramatic." But the story we're getting in bargaining is that the university cannot be as efficient and productive as it wants unless we agree to concessions. Is President Strangway speaking out of both sides of his mouth?

The provincial government's allocation to the university includes one discretionary fund. The \$2.6-million Innovation Fund (approximately one per cent of UBC's operating budget) is accessible for novel measures intended to "serve an increased number of students and reduce the average annual cost of educating a post-secondary student." Without consultation, which is a funding guideline requirement, the university submitted proposals for \$3.3 million worth of technical infrastructure while expectantly including \$2.6 million in its own budget.

Publicly, Strangway has declared "our employees are stretched to the limit as a result of prior reductions and re-allocations and reducing the workforce is not a viable option." But, meanwhile, back at the ranch, we are steadily losing positions altogether and full-time positions are being reduced to part-time.

LETTERS POLICY

UBC Reports welcomes letters to the editor on topics relevant to the university community. Letters must be signed and include an address and phone number for verification. Please limit letters, which may be edited for length, style and clarity, to 300 words. Deadline is 10 days before publication date. Submit letters in person or by mail to the UBC Public Affairs Office, 207-6328 Memorial Rd., Vancouver, BC, V6T 1Z2, by fax to 822-2684 or by e-mail to pmmartin@unixg.ubc.ca.

Reengineering and cuts such as the Library's \$700,000 per year over the next three years would accelerate these losses if the university gets what it wants.

We have as much right of access to the Innovation Fund money as the university and we are pursuing this in discussions with the Ministry of Skills, Training and Labour. UBC should not be granted money for technology under the guise of innovation without first examining all other means of providing effective and efficient service that will not result in job loss.

In the name of efficiency and effectiveness, as more of our members succumb to the stress of inadequate training and overwork and as more of our jobs are eliminated, the university spends hundreds of thousands of dollars on legal fees (\$463,000 went to one firm alone) trying to take work, that has always been ours, out of our bargaining unit. Is that cost effective?

Aren't there savings to be made by providing training that is specifically geared toward the job rather than the general courses offered in the MOST program? It is ludicrous to deny our members the training they must have to do their work, whilst encouraging them to enrol in these workshops.

Investment in ergonomically sound work stations would save time lost off the job and on WCB claims. And, is all that money that goes to consultants really necessary? It's difficult to believe that expertise is not readily available on this campus.

The university must come to terms with the fact that, as the bargaining agent for nearly 1,500 employees, we sit across the table from them as equals with the right to attempt to secure all that we can in the interests of our members.

Ann Hutchinson
2nd Vice President
on behalf of the Contract Committee, CUPE 2950

Project was team effort

Editor:

I would like to comment on the article about our research on the lithium-rich Little Nahanni Pegmatite Group, (UBC Reports, Feb. 23, 1995). I feel that the headline and photo caption (which I was not given an opportunity to review) are somewhat misleading, in that the presence of lithium-bearing pegmatites was known as early as 1960, and this information was available in the assessment reports that were mentioned in the article. The headline should not have stated that I found the deposit, but should have reflected the fact that our research into the

mineralogy, geochemistry, and size of the group led to the decision by Canamera Geological Ltd. to stake the deposit, with the eventual aim of developing the property.

Any scientific project of this magnitude is a team effort, and I would like to ensure that all of the people involved in the study are acknowledged. In addition to myself and T. Scott Ercit of the Canadian Museum of Nature, these include: Jim Mortensen, who did the extremely difficult geochronological work, Mati Raudsepp, Mark Mauthner, Anita Lam, Lindsay Kelly (all from UBC) and Bob Gault of the Canadian Museum of Nature.

Lee A. Groat
Dept. of Geological Sciences



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Gerald VanderWoude photo

Sunspots

Cheryl McNamara and Peter Grier rehearse a scene from *Sunspots*, a play specially commissioned by the Dept. of Theatre and Film for this year's graduating acting class. Written by award-winning Canadian playwright and UBC graduate Dennis Foon, *Sunspots* premiered at the Frederic Wood Theatre March 8 and runs until March 18.

1995 honorary degree recipient

Educator fosters Korea-Canada links

by Connie Filletti

Staff writer

Wan Kyoo Cho, an internationally respected educator, scientist and statesman, will receive an honorary degree during UBC's spring Congregation ceremonies on May 31.

Cho, president of the Korean Academy of Science and Technology, is a graduate of Seoul National University. He joined the university's faculty as an assistant professor of biology in the early 1960s.

He served as chair of the Korean Council for Applied Genetics and has served as chair of the Bioindustry Association of Korea since its inception in 1991.

Cho's service to the international scientific community has included membership on the steering committee of the World Health Organization's human reproduction unit and appointments to the Institute for New Technology based in the Netherlands and Japan's Frontier Research Program.

He currently presides as chair of the Council for Biotechnology Policy which is an advisory body to the Korean Minister of Science and Technology.

In 1987, Cho was appointed presi-

dent of Seoul National University where, during the next four years, his leadership skills guided the institution through a period of rapid political and social change.

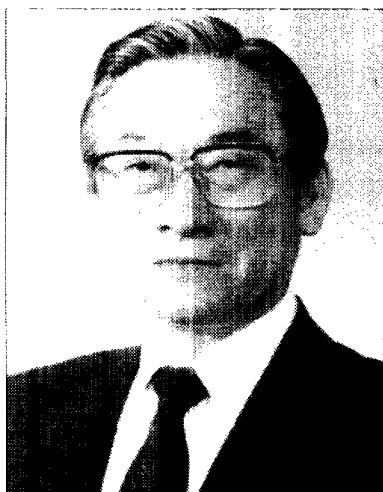
During his presidency he also served as a member of the Presidential Commission on Educational Reform and chair of both the Korean Council for University Education and the Korean University Presidents' Association.

Cho's commitment to higher education as a teacher, researcher and administrator were further recognized upon his appointment as Korean minister of education, a position he held from 1992 to 1993.

After leaving politics, he became chair of the Foundation for Broadcast Culture, a part of one of the largest television and radio companies in Korea.

The UBC Tributes Committee, which recommends nominees for honorary degrees, cited Cho for being instrumental in fostering links between Korea and Canada, in particular, the development of academic and exchange programs between Seoul National University and UBC.

(This is the third in a series of articles featuring UBC's honorary degree recipients.)



Wan Kyoo Cho

New tool helps assess signs of birth defects

by Connie Filletti

Staff writer

A new screening tool developed by a UBC researcher is helping health professionals across North America assess early signs of birth defects in infants whose mothers consume alcohol during pregnancy.

Designed by Susan Harris, a professor in the School of Rehabilitation Sciences, the Harris Infant Neuromotor Test (HINT) is a 15-page observational tool used to classify developmental delays that often accompany prenatal alcohol exposure.

It includes assessment of the infant's posture, mobility, muscle control, behaviour and physical measurements.

"One of the most important aspects of early diagnosis is the detection of cognitive or motor retardation," Harris said.

"Unfortunately, brain damage that may result from prenatal exposure to alcohol can't be reversed, but the test's ability to identify developmental delays early will enhance our goal of referring these infants to community-based programs with the long-term aim of helping them to function in the mainstream."

Existing therapies for children with prenatal alcohol exposure are limited to some use of behaviour modification strategies and drugs for hyperactivity, Harris said.

Despite the HINT's potential effectiveness, which is being examined through a two-year grant from the B.C. Health Research Foundation, she stressed that no single test can positively identify fetal alcohol effects.

Even characteristic facial features or musculoskeletal abnormalities such as a flat nasal bridge, a thin upper lip and low birth weight — common in children exposed to alcohol prenatally — may fail to alert health professionals.

Harris believes the best precaution

women can take is complete abstinence from alcohol consumption during pregnancy.

"Alcohol-related birth defects are the leading preventable cause of mental retardation in Canada and the United States," Harris said.

She added that clinical studies show

that beer and wine are as harmful as hard liquor, and that alcohol's effect on the fetus is more severe, and acts as a greater deterrent to brain growth, than street drugs such as cocaine or heroin.

According to statistics collected from a review of studies on alcohol-related birth defects, cited by Harris for a September, 1993 article in *Physical Therapy*, the average number of children diagnosed with fetal alcohol effects in the general population is one to three per 1,000 live births.

In 23 B.C. and 14 Yukon Territory communities, the rate of fetal alcohol effects described in children below the age of 16 years was 26 and 46 per 1,000 live births respectively.

"These figures may underestimate the actual numbers of affected individuals because the diagnosis relies heavily on trained clinicians to identify the cluster of symptoms involved," Harris said.

"Diagnosis also relies on communication among members of interdisciplinary health care teams who have provided prenatal, perinatal and postnatal care, and who are aware of maternal drinking histories."

Although the HINT is administered by health professionals, Harris has designed the test to include a list of questions for parents and primary caregivers concerning how the infant feels, moves, plays and interacts with others.

"They are still the best diagnosticians. If parents or caregivers think there is a problem with the child, they are usually right. Health professionals need to listen to them and include their perceptions in the decision-making process."



Susan Harris

Technician dedicated to environmental initiatives

Diana Hastings, a senior technician in the Dept. of Wood Science, is the winner of the second annual UBC Environmental Programs Award.

The award recognizes exceptional efforts of UBC employees in making environmental awareness and protection a fundamental part of their daily activities.

Hastings, a 12-year employee of the university, was honoured for her volunteer work with an array of environmental initiatives on campus.

"We all have to take on additional duties these days, but Diana still finds extra time for volunteer work," said Randy Alexander, Environmental Programs manager with the Dept. of Health, Safety and Environment, which sponsors the award.

"She is involved in a remarkable number of environmentally related activities on campus."

Hastings was involved in the creation of the campus-wide Hazardous Waste Management Team. She also helped publish the campus environmental newsletter, *Waste Watchers*, and took part in the development of the environmental auditing and solvent recovery programs on campus.

A long-time member of safety committees in both Wood Science and her previ-



Gavin Wilson photo

Winner of the UBC Environmental Programs Award, Diana Hastings, right, is congratulated by Randy Alexander, Environmental Programs manager with the Dept. of Health, Safety and Environment, left, and Prof. John Ruddick, chair of the Wood Science Dept. safety committee.

ous department, Chemical Engineering. Hastings is also a member of the Waste Reduction Program Recycling Area Monitors.

For her award, she received a certificate, a letter from UBC President David Strangway and will have a tree planted on campus in her honour.

Learning to teach . . .

Technology provides new ways to learn

One of the key benefits derived from CD-ROM technology is the collaborative learning it promotes between students and teachers. Perhaps nowhere is this benefit more pronounced than in the area of foreign language acquisition.

When Joerg Roche joined UBC's Dept. of Germanic Studies six years ago he would interview close to 200 students for 10 minutes each to determine their proficiency level. Today, thanks to a computerized placement program he devised, students are able to test themselves in the Faculty of Arts language laboratory. Roche's practical invention, now in use at other universities across the country, is just one example of technological tools which are changing the way languages are taught.

Installed in 1992, the Faculty of Arts language laboratory is a leading multi-media operation in the province. Twenty-four workstations (expanded by another 30-station lab and a 10-station drop-in lab in 1994) are equipped with lightweight headsets and microphones, audio cassette decks, PC and Macintosh computers, VCR machines and video monitors, all interconnected with a master control panel in the instructor's booth. Using a 'file server,' instructors can send separate programs to each station involving one or more of the available computer, video and audio options. The lab's modern, open concept is in stark contrast to the regimented rows of listening booths found in the previous audio laboratories. The third phase of the language laboratory expansion will eventually incorporate satellite programming, CD-ROMs, video, sound cards and personal computers for even greater multi-media integration.

Furthermore, the arts lab provided crucial input into the design of a laboratory which has operated for four years in UBC-Ritsumeikan House. The Ritsumeikan lab integrates the functions of a traditional language laboratory with the data processing, text, graphic and video capabilities of 22 networked Macintosh computers.

For the purposes of their own teaching and research, Roche and colleague Peter Willmer say modern computer technology plays a crucial role in bridging subject matter and foreign language didactics. Their goal is to increase specialized language instruction in areas such as forestry, ecology, science and business. Computer programs allow students to gain up-to-date access to research publications in various disciplines and languages. According to Roche, the practical application of language acquisition, versus more formal, literature-based language learning, has been talked about for well over 400 years. He and Willmer are simply carrying out a centuries-old idea which modern technology allows them to act on.

Their project, called Computer-Assisted Learning of Languages for Special Purposes (LSP), moves toward more specialized, immediately useable skills in foreign languages.

"For business-minded students we can teach the business language of a country, what that country's customs are, and how you should behave when negotiating contracts," says Roche. "Given the increasing trend to higher specialization and global co-operation in all disciplines, it is only logical to design courses or programs which offer the necessary - often indispensable - linguistic tools to meet today's challenging requirements."

A first set of program modules has been developed in the area of German for the Humanities. Other modules being developed include Business German, German for Economics and German for Social and Natural Sciences. Roche and



"Given the increasing trend to higher specialization and global co-operation in all disciplines, it is only logical to design courses or programs which offer the necessary - often indispensable - linguistic tools to meet today's challenging requirements."

- Joerg Roche

Willmer have just completed the first set of a self-directed, fully automated language program for special purposes. While basic instruction can be done either in a classroom or lab setting, individual "special-purpose" sections are self-taught mainly through computer.

With a background in linguistics and

language didactics, another of Roche's research and teaching interests has been natural sequences in second language acquisition. Roche often meets students adept at reciting prepositions and other structural properties of foreign languages but aren't able to use them productively. "It's dead information, and modern di-

didactics works on the premise that, above all, language should be useable and not left to stagnate," says Roche.

Through intensive study of sequences students follow in learning a language, Roche has devised a program which he believes is the optimal sequence covering the first two years of basic German grammar. This research constitutes the basis for a new generation of textbooks he and colleague Norma Wieland are designing.

Roche's workshops on new technologies in language teaching represent just one of nearly 100 applications submitted this year to UBC's Teaching and Learning Enhancement Fund.

In 1994 the fund allotted \$1,242,143 to 51 projects in 10 faculties, the Health Sciences Coordinator, the Library, the Centre for Faculty Development and Instructional Services, the Centre for Continuing Education, the First Nations House of Learning, Student Services and the Alma Mater Society.

Funded projects included an ethnographic field school, a career and video resource unit for commerce students, First Nations tutorials in law, physics lecture demonstrations by graduate students and an AMS tutoring service.

The fund, drawn from credit tuition fee revenues, started out in 1991 with \$750,000. By 1996-97 it will equal 4.5 per cent of tuition revenue committed each year on a non-recurring basis to projects designed to encourage improvement and innovation in teaching and learning. Applications for 1995-96 total \$2,956,170.

Centre

Continued from Page 1

Describing the experience as "challenging and fun," Centre director Gail Riddell says workshops emphasize the student-as-learner approach versus the traditional "sage on the stage" method. This is done by having participants present a mini-lesson on each of the three days. After each lesson, the presenter is critiqued privately by the facilitator and then by others in the group. The presenter incorporates suggestions in subsequent mini-lessons which are given on the second and third days of the workshop. Each presentation is also videotaped.

"The whole exercise is focused on what the learner is going to get out of a class," Riddell explains. "We don't simply want to give faculty and TAs a bag of tricks, but hopefully they'll walk away with a different view to teaching and ways of instilling critical thinking skills in those they teach."

Riddell adds that one of the keys to success with the 12-person workshops is that they teach participants how to give and receive constructive feedback from facilitators and each other.

The centre moved to its present location in the lower level of the David Lam Research Centre in June of 1994. The space includes three offices, a shared seminar room for workshops and a central meeting room - a far cry from its modest beginnings in the Centre for Continuing Education. There, working out of a single office, Riddell would generate flyers letting faculty know where on campus their next workshop or seminar would be. "I used to go out half an hour in advance and put out bright signs telling people where to go," she said. "Having it here in a central location in the heart of the campus is terrific."

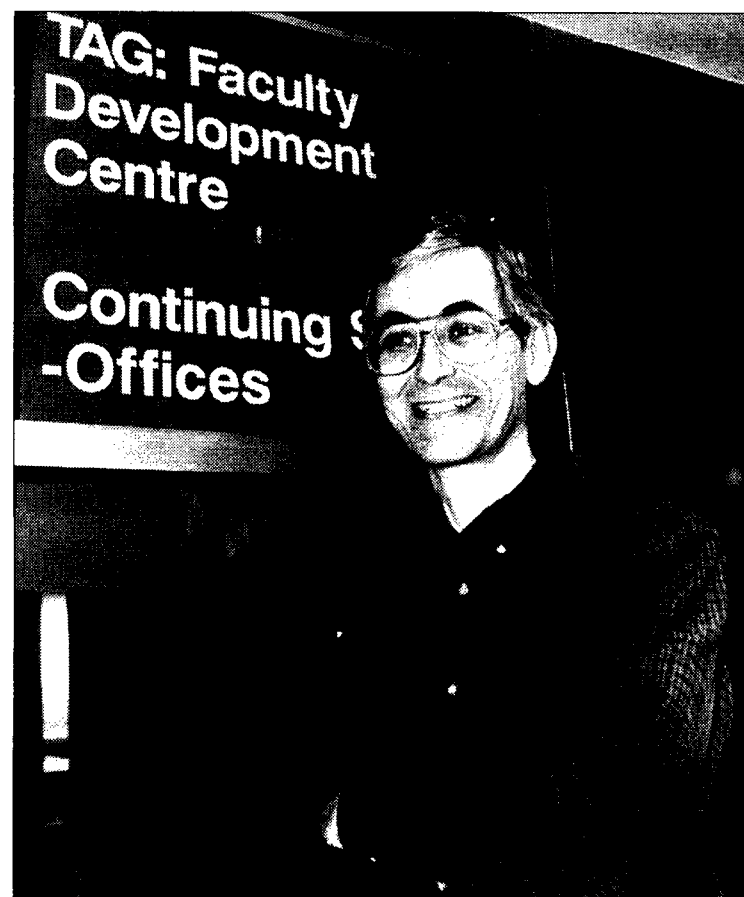
It was Riddell who got the idea to start a faculty development program. As treasurer of the Faculty Association in the mid-1980s, she became aware of similar

programs operating elsewhere in Canada. In 1987, after a tour of six Canadian university programs, Riddell was seconded from her job in continuing education to start a pilot project for UBC. Initially the project was funded by the Faculty Association and comprised two-hour seminars on specific topics. It soon became apparent that a more focused approach to teaching behaviour was in demand.

Today, the centre receives funding from a number of university sources including the Teaching and Learning Enhancement Fund.

Apart from instructional workshops (including a four-day workshop for new faculty) which run nine months of the year, the centre also offers ongoing seminars on issues such as teaching large classes, motivating students, and maximizing voice potential in the classroom.

A peer consultation program has existed since 1990 as a way of reaching out to faculty who may have concerns about an aspect of their teaching and who wish to discuss matters with interested colleagues who are trained to work with them. Related programs include a popular mentoring service linking new and



Paul G. Harrison

experienced faculty and a classroom visit program providing teaching feedback to faculty.

Riddell also points out that negotiations are underway to begin faculty multi-media training in collaboration with Continuing Studies, in the computer laboratory adjacent to the faculty development centre in the David Lam research building.

The Centre activities are overseen by a 20-member advisory board drawn from each faculty, the Faculty Association, the Teaching Assistants Union, Graduate Student Society and the Alma Mater Society.

. . . teaching to learn

Stories and photos
by Charles Ker
Staff writer

UBC moves toward classroom master plan

Orphans. This is the term used to describe some of UBC's 450 classrooms that are not located in specific faculty buildings and suffer varying degrees of neglect as a result.

They also represent just one of a series of issues that the President's Advisory Committee on Teaching Space has been addressing during the past two years.

Formed in January of 1993, the 10-member committee was set up to examine, among other things, the need for all types of instructional space on campus from lecture and seminar rooms to laboratories and studios. It also has the unenviable task of advising which classroom renovation projects get the go-ahead.

For instance, in 1993-94, committee members were asked to recommend expenditures of \$750,000 (\$250,000 from the academic equipment fund and \$450,000 in minor capital funds) drawn from a list of faculty requests which far exceeded the dollars available. They faced a similar situation in 1994-95.

Committee chair John Chase said it became evident early in the process that he and his colleagues were having to make allocation decisions with insufficient information as to their implications on the existing stock of classrooms. In particular, he noted that major enhancements to classrooms required a knowledge of the types and standards of rooms sought, their size and location. Decisions are also reliant on detailed assessments of which classrooms within the existing inven-

tory warrant significant investment, which should be renovated for purposes other than classrooms and where the most critical needs are within the university. Submissions, Chase pointed out, looked at needs from a specific faculty viewpoint without taking into account needs across campus.

"There were a whole series of issues that began to emerge out of our discussions which led us to conclude that the university needed a classroom master plan to anticipate what our future needs for instructional space would be," said Chase, UBC's director of Budget and Planning.

Since October, a team of architectural designers from the firm Ellenzweig and Associates - who consulted on the design of classroom space at Harvard University, Massachusetts Institute of Technology, Harvard Medical School and Babson College - has been meeting with all UBC faculties to identify their present and future classroom requirements.

One outcome of the master planning process will be to examine UBC's current stock of classrooms in the context of short- and long-term in-

structional requirements. This involves rationalizing what exists and what is needed and formulating a plan for refurbishing and replacement. A second objective will be to develop a set of standards for the design of new classrooms and the refurbishing of existing ones. A complete master plan is expected by July.

Realizing that a master plan was still a year away, the committee on teaching space recommended last year that the university renovate one of its major lecture theatres. The 450-seat Hebb Theatre was selected for a \$1.3-million facelift - improvements which have not gone unnoticed.

"If the renovation to Hebb Theatre sets the pace, then we can look forward to gradual but significant improvement in the lot of the teachers' and students' lives at UBC," said Moura Quayle, chair of the Senate Academic Buildings Needs Committee.

Apart from apportioning funds for renovation and equipment enhancement, the committee has been dealing with the thorny issue of classroom stewardship - that is, who

is responsible for the day-to-day operations of classrooms: identifying and arranging for repairs, ensuring that equipment (chairs, tables, screens, etc.) attributed to a specific classroom actually exist and providing equipment held centrally by each faculty to individual instructors on an "as-needed" basis.

"Who is responsible for the classrooms? The answer is everybody and nobody at this point," says Chase. He adds that in a limited number of cases, such as in the Henry Angus Building (Commerce) or Neville Scarfe Building (Education), faculties have assumed stewardship of classrooms within their complexes. Orphan classrooms, like those in the Computer Science Building, suffer benign neglect because they are located in areas where no faculty is based.

The committee has proposed that daily stewardship of classrooms be entrusted to the faculty occupying the building which houses those classrooms. In exchange, faculties would have a "right of reasonable priority" in reserving the classrooms under their stewardship for teaching. It is also anticipated that they would eventually receive a classroom operating budget.

Stewardship of orphan classrooms would be undertaken by a small committee of representatives from various administrative areas.

Chase and committee members are in the process of working out a plan for implementing these stewardship proposals which have been endorsed by the deans.

"If the renovation to Hebb Theatre sets the pace, then we can look forward to gradual but significant improvement in the lot of the teachers' and students' lives at UBC."

- Moura Quayle

Changing times call for change of focus

by Gail Riddell

Director, Centre for Faculty Development and Instructional Services

"Will this be on the exam?" is, apparently, the most common question asked of professors by their students. In response to pressures to lecture clearly and in an organized fashion, so that students do well on examinations, university teachers are caught in a trap. While many would like to make creative and imaginative thinkers of future graduates, the demands to 'speak to the exam' are great. And it turns out that lecturing is not always the best way for students to learn.

In fact, when a professor shows pride in developing a well-crafted lecture, that pride may be misplaced. In most well-crafted lectures, ideas are raised, fleshed out, and combined - by the professor. The student merely has to memorize the key points of this 'good' lecture, and rephrase the information for an essay or exam.

This is not to deny the lecture a place in teaching. They are useful in getting a point across, or in explaining difficult concepts. But the kinds of learning that they promote tend to include memorization, and the ability to regurgitate facts on command. This sort of learning is often short-term. Ironically, the examination is often one of the few times in which students are actually asked to combine ideas and to build upon them. Since final exams are stressful for all, this period cannot be seen as 'the teachable moment'.

But what (and how) should students be learning?

For those who see universities as a training ground for the employees of tomorrow, the answers are clear. The Employability Skills Profile published in 1992 by the Conference Board of Canada lists the following as some necessary skills for the workplace: the ability to think critically, to evaluate, solve problems and make ethical decisions, to speak and write effectively and to mobilize and lead others. For those who see universities as the providers of a liberal education, the skills of creative thinking, argumentation, concept-building and analysis are key.

If many courses are taught through a one-way transmission of 'knowledge', and if the key skills listed above are not encouraged in this format, how should we be teaching?

First, the act of teaching should be seen by professors, not as "what I will teach them..." but as "what will the students learn as a result of taking this course." Seen in this way, teaching takes on a whole new meaning. Now students can be more actively involved in the learning processes that will help them to gain life and work skills.

For example, group projects (often called classroom research) that end in

class presentations encourage teamwork, problem-solving and the building of communication skills. In establishing term-long study and work groups with clear goals, the instructor encourages these same skills practised over a longer period. These groups work well in both large and small classes. Asking students to devise questions from the course materials, or to develop examination questions (for which they receive a grade) helps them to make linkages and to isolate and work through key concepts.



"The act of teaching should be seen by professors, not as 'what will I teach them . . . ' but as 'what will they learn as a result of taking this course.'"

- Gail Riddell

But to move decisively in this direction requires retraining on the part of both faculty and students. Students are used to being 'spoon-fed'. The decreasing job market for graduates means that grades may take precedence over a desire for active learning. Students need to learn that employers are looking for graduates who can exhibit the qualities listed by the Conference Board.

Most faculty members were never taught how to teach. Many picked up lecture methods by watching their own former professors, whose approaches may now be dated. Those who are motivated to expand their teaching skills are attending workshops conducted by trained colleagues. As a result, professors are learning to shift their focus. Increasing numbers of faculty members now concentrate on helping students to learn new skills that are valued in the workplace and the community.

Calendar

March 12 through March 25

Sunday, Mar. 12

UBC at the Orpheum
Verdi's Requiem with the University Singers, UBC Choral Union and the University Symphony Orchestra. Guest soloists Katherine van Kampen, Wendy Hatala, Edd Wright and Paul Grindlay. Jesse Read, conductor. The Orpheum at 7:30pm. Tickets through Ticketmaster. Call 280-3311.

Monday, Mar. 13

UBC Bookstore Sculpting Demonstration
Daniel Scarcello, Vancouver artist/illustrator, creates a world of amazing miniatures from multi-colored clay. Bookstore Art/Design area from 12-1:30pm. Call 822-0587.

Pacific Spirit Noon Hour Series

Palestinian Women In Society: Grassroots Organizing For A New State. Gillian Walker, former director/visiting professor from Carleton U. School of Social Work. Social Work 028 lower level at 12pm. Call 822-4824.

Biochemistry/Molecular Biology Seminar

TBA. Dr. Michel Desjardins, Anatomy, U. of Montreal. IRC #4 at 3:45pm. Refreshments at 3:30pm. Call 822-9871.

Mechanical Engineering Seminar

Arbitrary Lagrangian-Eulerian Method And Its Application In Finite Deformation Problems. Wong Jin, PhD student. CEME 1202 from 3:30-4:30pm. Refreshments. Call 822-6671.

Astronomy Seminar

The Search For MACHOs: Dark Matter Candidates In The Galactic Bulge. Charles Alcock, Lawrence Livermore Lab. Geophysics & Astronomy 260 at 4pm. Refreshments at 3:30pm. Call 822-2696/2267.

Green College Seminar

TBA. Raymond Cole, Architecture. Green College recreation lounge at 5:30pm. Call 822-8660.

Tuesday, Mar. 14

Animal Science Seminar
Techniques For Detecting Macrophage Activity In Fish. Jimmy Pegg, MSc student. MacMillan 256 at 12:30pm. Refreshments. Call 822-4593.

GSS Professional Development Seminar

Women In Non-Traditional Occupations. NSERC chair of Women in Engineering. Dr. Monique Frize and panel. CICSIR 104 at 12:30pm. Refreshments. Call 822-3203.

Botany Seminar

The Effect Of Aluminum On The Actin Cytoskeleton Of *Vaucheria longicaulis*. Lilian Alessa, MSc candidate, Botany. BioSciences 2000 from 12:30-1:30pm. Call 822-2133.

Pharmaceutical Sciences Seminar

Stereoselective Disposition Of Labetolol In Pregnant Sheep. Ahmad Doroudian, grad student. Pharmaceutical Sciences. IRC #3 at 12:30pm. Call 822-4645.

Lectures in Modern Chemistry

Dynamics Of Proton Transfer In

Molecular Clusters. Prof. Raymond E. Kapral, Chemistry, U. of Toronto. Chemistry 250, south wing at 1pm. Refreshments at 12:40pm. Call 822-3266.

Plant Science Seminar
Development Of Pollinators For Commercial Greenhouse Vegetable Production. Jim Matteoni, Kwantlen College. MacMillan 318-D at 2pm. Call 822-9646.

Oceanography Seminar
The North Atlantic Oscillation Versus The Cold, Fresh, Fishless Labrador Sea. Dr. John R.N. Lazier, Bedford Institute, Halifax. BioSciences 1465 at 3:30pm. Call 822-4511.

Statistics Seminar
Canonical Variate Analysis Of Data From Incomplete Block Designs. Christopher Triggs, U. of Auckland, NZ. Angus 426 from 4-5:30pm. Refreshments. Call 822-0570.

Green College Seminar
Life On The Radio. Vicki Gabereau, host of CBC's "Gabereau". Green College recreation lounge at 5:30pm. Call 822-8660.

Green College Seminar
Women In Non-Traditional Occupations: Successful Strategies. Monique Frize, Applied Science, U. of New Brunswick/Green College visiting scholar. Green College recreation lounge at 8pm. Call 822-8660.

Wednesday, Mar. 15

Orthopaedics Grand Rounds
Potpourri. BC's Children's Hospital, Eye Care Centre auditorium from 7-8am. Call 875-4272.

Scientific Equipment Trade Show

1995 UBC Scientific Equipment Trade Show. View the latest in scientific equipment. Door prizes. SUB Ballroom from 10am-4pm. Also Mar. 16. Call 822-3456.

Fabric Printing Demonstration

Jackie Haliburton, Vancouver fabric artist. Learn how to create a wearable art sweatshirt. UBC Bookstore Art/Design area from 11am-2pm. Call 822-0587.

Microbiology/Immunology Seminar

Tumour-specific Immune Responses Directed Towards Heat Shock Proteins Following Photodynamic Therapy. Mark Curry, Microbiology/Immunology. Wesbrook 201 from 12-1:30pm. Call 822-3308.

Noon Hour Music Recital

Saxoduo. Julia Nolan, David Branter, saxophone; Robert Rogers, piano. Music Recital Hall at 12:30pm. \$2.50 at the door. Call 822-5574.

Canadian Studies Lecture
The Party System In Canada. Ken Carty, Political Science. Buchanan B-212 at 12:30pm. Call 822-3193.

Forest Sciences Seminar Series

When The Going Gets Tough: The Life History, Ecology/Physiology Of Birds Living In Energetically Expensive Habitats. MacMillan 160 from 12:30-1:30pm. Call 822-9377.

Centre for Japanese Research Seminar

Mental Health And The Law In Japan. Dr. Stephen Salzberg, Law. Asian Centre 604 from 12:30-1:30pm. Call 822-2629.

Continuing Studies Financial Planning Lecture

Tony's Tax Tips. Prof. Tony Sheppard, Law. Co-sponsored by the Faculty Assoc. Angus 110 from 12:30-1:30pm. Call 822-1433.

Soil Science Seminar
The A To Z Of Soil Pollution: Al To Zn By Way Of 137 Cs. David Rimmer, Agriculture/Environmental Sciences, U. of New Castle upon Tyne. MacMillan 154 at 3:30pm. Call 822-2783.

Institute of Applied Mathematics Colloquium
Using Nonlinear Dynamics To Model And Control Chaotic Systems. Dr. Elizabeth Bradley, Computer Science, U. of Colorado. Math 203 at 3:30pm. Call 822-4584.

Institute of Asian Research Seminar

Beyond Economic Growth: Options For China's Development. Dr. Paul Lin, honorary research associate. Asian Centre auditorium from 3:30-5pm. Call 822-2629.

Pharmaceutical Sciences Seminar

ACE Inhibitors For CHF: High Or Low Dose? Suzanne Mallair, PhD student, Clinical Pharmacy. Vancouver Hosp/HSC UBC Pavilion G-279 from 4-5pm. Call 822-4645.

Centre for Biodiversity Research Seminar

Trophic Interactions Between Beavers And Woody Plants. John Fryxell, Zoology, U. of Guelph. Family/Nutritional Sciences 60 at 4:30pm. Call 822-2131.

Faculty Mentoring/Networking Social

Ideas Of March Pub Night. Thea's Pub, Grad Centre 2nd fl. from 4:30-8pm. Full no-host bar. Call 822-0831.

Green College Punishment/Crime Lecture

Reforming Drug Laws: The Case Of Bill C-7. Neil Boyd, director, School of Criminology, SFU. Green College small dining room at 5pm. Call 822-8660.

Respiratory Seminar Series

IL-5 Receptor Structure/Signal Transduction. Dr. V. Duronio, Medicine. Vancouver Hosp/HSC Laurel Pavilion Conference Room from 5-6pm. Call 875-5653.

Thursday, Mar. 16

UBC Board of Governors Meeting

Held in the Cedars Room, Ponderosa, 2071 West Mall. The open session begins at 9am.

MOST Workshop

Interviewing: Your Role In This Process. Julia McLaughlin; Maggie Hartley. Brock Hall 0017 from 9am-4pm. Refreshments. Call 822-9644.

Faculty Association Symposium

Access Versus Privacy: The Impact Of The New Freedom Of Information And Protection Of Privacy Act. Dr. David Flaherty, Commissioner. Curtis Theatre 100 from 12:30-2pm. Refreshments. Call 822-5684.

President's Advisory Committee on Lectures

Aging And Human Memory. Prof. Fergus Craik, Psychology, U. of Toronto. Co-sponsored by Psychology/Audiology/Speech Sciences. IRC #1 at 12:30pm. Call 822-5675.

President's Advisory Committee on Lectures

The Fortunes Of The Ornament. Prof. Wendy Steiner, English, U. of Pennsylvania. Lasserre 104 at 12:30pm. Call 822-5392.

Intercultural Language Studies Lecture/Workshops
Context/Culture In Language Teaching. Prof. Claire Kramsch, professor/author and director of the Language Centre, U. of Calif. at Berkeley. Buchanan B-314 from 1-5pm. Call 822-5546.

CICSIR Faculty Forum

High-speed Networks: Multimedia File Servers And Protocols. Dr. Gerald Neufeld, Computer Science. CICSIR/CS 208 at 4pm. Call 822-6894.

President's Advisory Committee on Lectures

Encoding And Retrieval Processing In Human Memory. Prof. Fergus Craik, Psychology, U. of Toronto. Co-sponsored by Psychology/Audiology/Speech Sciences. Kenny 2510-12 at 4pm. Call 822-3078.

Physics Colloquium

Physics Of Ignition Targets For The National Ignition Facility. Joseph D. Kilkenny, Lawrence Livermore National Lab. Hennings 201 at 4pm. Call 822-3853.

Green College Medieval/Renaissance Seminar

Incest And Christianity In The English Literature Of The Middle Ages. Elizabeth Archibald, English, U.Vic. Green College recreation lounge at 4:30pm. Call 822-8660.

Genetics Graduate Program Seminar

Shuttling A Functional Cre Recombinase Protein Into Mammalian Cell Lines With The Use Of A Retroviral Vector. Jerry Hendry, MSc student. Wesbrook 201 at 4:30pm. Call 822-8764.

The Brenda/David McLean Lectures in Canadian Studies

From Contested Pasts To Alternative Futures. Alan Cairns, Political Science. Green College recreation lounge at 8pm. Call 822-8660.

Friday, Mar. 17

President's Advisory Committee on Lectures

Tutorial On Aging And Cognition. Prof. Fergus Craik, Psychology, U. of Toronto. Co-sponsored by Psychology/Audiology/Speech Sciences. Mather portable at 9am. Call 822-5590.

Pediatrics Grand Rounds

Clinicopathological Conference.

Dr. Hilary Vallance, medical biochemist/head, Newborn Screening Lab; Dr. Henry Hui, pediatric resident. GF Strong auditorium at 9am. Call 875-2307.

Health Care/Epidemiology Rounds

Social Inequalities In Mortality Amenable To Medical Intervention: Preliminary Analysis Of Data For B.C. Dr. Bob Hogg, project manager, Drug Treatment Program, BC Centre for Excellence in HIV/AIDS. Mather 253 from 9-10am. Parking available in B-Lot. Call 822-2772.

Pharmaceutical Sciences Seminar

Investigating Possible Hormonal Mechanisms Responsible For Decreased Reproductive Success In Wild Avian Species Exposed In Ovo To Dioxin. David Janz, Pharmacology/Toxicology. IRC #3 from 12:30-1:30pm. Call 822-4645.

Centre for Korean Research

Prelude To Persecution: Korea On The Eve Of Religious Upheaval. Dr. Don Baker, Asian Studies. Asian Centre 604 from 12:30-2pm. Call 822-2629.

Indonesia Day

Indonesian Textiles: Biodiversity/Conservation In Irian Jaya. Prof. Michael Howard, Anthropology, SFU; Yance de Fretes, PhD candidate, Forestry. Asian Centre auditorium/lobby from 12:30-8:30pm. Free admission and entertainment. Call 822-4688.

Occupational Hygiene Programme Seminar

Predicting Noise In Industrial Workplaces. Dr. Murray Hodgson, Occupational Hygiene. CEME 1202 from 12:30-1:30pm. Call 822-9595.

Astronomy Seminar

X-ray Observations Of Classical Novae. Joachim Krautter, European Southern Observatory. Geophysics/Astronomy 260 at 3pm. Refreshments at 2:30pm. Call 822-2696/2267.

Centre for Japanese Research Conference

Postwar Economic Development Of Japan And The Role Of The Government Banks: Its Past And Future; Change/Continuity In The Japanese Party System. Prof. Naoyuki Yoshino, Economics, Keio U.; Prof. Nobuhiro Hiwatari, Political Science, U. of Tokyo. Curtis 176 from 2-3:30pm. Call 822-2629.

UBC International Forum Seminar

Human Rights In Southeast Asia:

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, 207-6328 Memorial Road, Vancouver, B.C. V6T 1Z2. Phone: 822-3131. Fax: 822-2684. Please limit to 35 words. Submissions for the Calendar's Notices section may be limited due to space.

Deadline for the March 23 issue of UBC Reports — which covers the period March 26 to April 8 — is noon, March 14.

by Abe Hefter
Staff writer

Everything under the sun . . .

Tineke Hellwig

Asianist Tineke Hellwig's book, *In the Shadow of Change: Women in Indonesian Literature*, is the culmination of four years of research.

Through an examination of 25 novels and three long stories, the work analyzes how women have been represented in fiction between 1937 and 1986. It is also a revision of Hellwig's Dutch PhD dissertation "Kodrat Wanita," an Indonesian term which refers to a woman's innate destiny to nurture and sacrifice her own needs for the benefit of others.

The 50-year period that Hellwig studied was a time of historic change for Indonesian society. However, Hellwig points out that women took no part in bringing about those changes and their reactive role was consist-

ently portrayed in the literature of the time.

"The norms and values considering gender issues which emerge from these works of literature give us a good understanding of the society which produced them," said Hellwig.

An associate professor in the Dept. of Asian Studies, Hellwig's current research focuses on the interrelationship between colonial literature and women's status during the drastic political and social changes in the Dutch Indies around 1900. Adjustment and Discontent, Representation of Women in the Dutch East Indies, is the result of her research.

The work deals with unexamined texts drawn from libraries and private collections in Jakarta, Kuala Lumpur and The Netherlands.

Both works are on display Mar. 16 at the UBC Authors' Reception at Cecil Green Park.

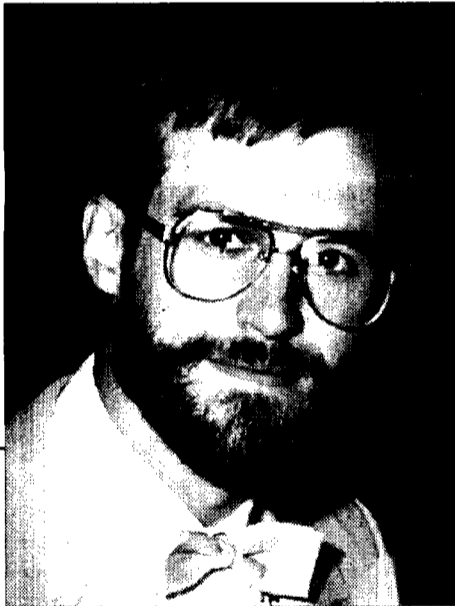
Carl Trepanier

You could say that Carl Trepanier had his share of ups and downs when it came to researching the material that went into his book.

About 300 of them, in fact.

Armed with a plastic slate and a grease pencil, Trepanier conducted almost 300 dives in Indian Arm and Howe Sound in a six-month period in 1992. His efforts resulted in the publication of *The Vancouver Area Diving Guide*.

"It had been almost 20 years since anyone had written a book on diving in B.C.,"



said Trepanier, who is currently completing a marketing diploma program in the Faculty of Commerce and Business Administration.

"It was definitely time for an update."

Trepanier's update contains descriptions of various dive sites, accompanying photos, and nautical charts. He describes the geography and the marine life endemic to each site and points out particular areas of interest.

The book also includes practical information on retail dive stores, diving clubs, and environmental conditions.

Trepanier has been diving since 1984 and has been active in the retail and wholesale areas of the industry. However, he didn't do much of anything except dive during the period leading up to the publication of the book.

"If you really push it, you can do four dives a day. I averaged two or three a day during that six-month period in 1992."

Trepanier's diving tends to be of the recreational nature these days. That will change this summer. He is about to embark on a project with the Underwater Archeological Society of B.C. which will involve mapping an area off Prospect Point. He also plans to update *The Vancouver Area Diving Guide* in a second printing which will include information on new sites.



Timothy Oke

Timothy Oke doesn't consider himself a weather buff. But if you do, then his book, *The Climate of Vancouver*, is for you.

The 84-page handbook is the second edition of a book originally written 20 years ago by Oke, a climatologist and head of the Geography Dept. The publication explains Vancouver's large-scale weather setting, the day-to-day, season-to-season weather patterns, local climates and the air quality experienced in the Lower Mainland.

"There seems to be an endless fascination with weather and its relative unpredictability, especially on the West Coast," said Oke.

"I'm much more interested in the climates of cities in general. However, there can be no denying that weather catches peoples' imagination."

Co-authored by John Hay of the University of Auckland, *The Climate of Vancouver* introduces the reader to the nature and workings of the weather and climate of Vancouver. It covers events such as storms, the seasonal shift of weather types, long-term changes of climate and air quality, and includes weather maps, photographs, satellite images and monthly climate statistics.

Here's one statistic that probably doesn't

come as much of a surprise to residents of the Lower Mainland: It rains more on the North Shore than in other parts of the city.

Just exactly how much more, however, might raise a few eyebrows.

The average annual precipitation in Delta is 1,000 millimetres. The average annual precipitation along the present built-up limits on the slopes of the North Shore is approximately 2,500 millimetres. That figure rises to 3,500 millimetres when you get to the top of Seymour and Grouse mountains and 5,000 millimetres at the top of the Lions.

How does one take advantage of all that rain? That's a subject for Oke's next version of the book, which will place emphasis on its practical applications relating to everything from gardening to golfing.

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... And then some

1994 UBC authors

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Michael Bullock

Prolific is one way to describe Michael Bullock's contribution to this year's authors' reception.

Proficient is another. Bullock, the author of 30 volumes of poetry and fiction, has been called one of the most vivid, mysterious, and technically proficient poets writing in English today.

His name appears beside seven publications on the most recent list of UBC authors, making 1994 his most prolific year in terms of publishing.

"Since my retirement from UBC 12 years ago, my output has steadily increased," said Bullock, a professor emeritus of Creative Writing.

"In addition, the first of my books of poetry to be translated into Chinese came out last year. There are others to follow, as well as more of my fiction."

A native of London, England, Bullock has been writing poetry since the mid-1930s. His seven published works for 1994 include *Voices of the River*, *The Inflowing River*, *The Sorcerer with Deadly Nightshade Eyes*, *Moons and Mirrors*, *Dark Roses*, *Bread of the Birds*, a translation from the work by French-Canadian author Andre Carpentier, as well as the bilingual *Stone and Shadow/*

Shi Yu Ying, published in Beijing.

1995 has already seen the publication of a selection of his short stories in Estonian translation.

Bullock's artwork has been widely exhibited in Canada, the United Kingdom and Germany, and his book of surreal poems, *Sorcerer with Deadly Nightshade Eyes*, is illustrated with reproductions of his own paintings. He also designed the cover.

Despite his prolific and proficient output, Bullock has never had an opportunity to attend a UBC authors' reception.

"I'm usually giving readings in the United Kingdom or the Far East during this time of year. However, I shall definitely be at this year's reception."



Verity Livingstone

In her work as medical director of the Vancouver Breastfeeding Centre, and master trainer with the World Health Organization/UNICEF Baby-Friendly Hospital Initiative, Dr. Verity Livingstone has helped write the book on the art of breastfeeding through the publication of numerous articles.

Now, she has collaborated with independent film producer Beth Millar on a pair of videos that educates both health professionals and mothers on the art of successful breastfeeding.

First produced was *The Art of Successful Breastfeeding: A Guide for Health Professionals*.

"Through my work with family practitioners, medical residents and teaching physicians, I realized that lactation was an area that has been forgotten about in medical school," said Livingstone.

The last 10 years have seen a rapid increase in the number of women who have chosen to breastfeed. With more women breastfeeding, Livingstone said it wasn't surprising that physicians were seeing more problems associated with breastfeeding.

The 75-minute video is the culmination of her efforts with the World Health Organization and UNICEF to help health professionals around the world increase their teaching skills in breastfeeding.

Since then, a companion video has been released, titled *The Art of Successful Breastfeeding: A Mother's Guide*.

"Preparation is crucial to successful breastfeeding, and it is much easier to learn the skills of breastfeeding visually," said Livingstone.

"It's hoped this video will be made available to the general public through libraries, public health units and hospitals."

Stanley Coren

The Intelligence of Dogs: Coming to a bookstore near you, whether you live in New Jersey or Japan.

Psychology Prof. Stanley Coren's book on canine consciousness and capabilities is his most successful general audience publication to date. The book is now in its 16th printing, totalling approximately 160,000 copies, and will be translated into 12 different languages. It is already available in Japanese.

"The book has caused a reasonable stir in the doggie world," said Coren.

"You have to understand that most literature which describes various breeds of dogs does so in glowing terms because the descriptions are being provided by the breeding clubs. I don't have a stake in this. I'm probably the first psychologist to look at all

of the breeds, the way they think, and their relative abilities."

Coren, whose previous general audience book, *The Lefthander's Syndrome*, sold about 45,000 copies, said people are hungry for information about dogs. They want to know if dogs can think, whether they have feelings and emotions the same way we do, and the limits of their ability to communicate.

"Lassie and Lady and the Tramp are our views of dogs. People want to know more," said Coren.

Dog lovers will soon have an opportunity to learn even more about their dogs, and perhaps about themselves, from a book Coren is working on. It will look at the personality of people who own particular types of dogs.

"We've already collected data on 900 dogs and their masters, and that's just the start," Coren said.

Classified

The Cecil H. and Ida Green Visiting Professorships of Green College at UBC

JOHN THOMPSON

Director of Studies in Social and Political Sciences
JESUS COLLEGE, CAMBRIDGE

The Theory of Ideology

Tuesday, March 21 at 11:45 AM Seminar
Anthropology & Sociology 207

The Media and Modern Culture

Wednesday, March 22 at 7:30 PM
Hotel Georgia, 801 West Georgia Co-sponsored by UBC
Continuing Studies

The Formation of the Public Sphere in the Modern World

Thursday, March 23 at 12:30 PM
Buchanan A-106

Habermas and the Theory of the Public Sphere

Thursday, March 23 at 5:00 PM
Green College Recreation Lounge

Power and Visibility Towards the Social Theory of the Media

Friday, March 24 at 10:30 AM
Simon Fraser University, Halpern Centre, Burnaby Campus

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, 207-6328 Memorial Road, Vancouver, B.C., V6T 1Z2, accompanied by payment in cash, cheque (made out to UBC Reports) or internal requisition. Advertising enquiries: 822-3131.



The deadline for the March 23, 1995 issue of UBC Reports is noon, March 14.

Services

FINANCIAL PLANNING. Retirement Income, Deposits, Investment Funds, Life Insurance. Local, independent, personalized service with comprehensive knowledge. Integrating your financial needs to your own personal, professional association, group and government benefit plans. Please call Edwin Jackson BSc, BArch, CIF, 224-3540. Representative of GEORGIA Brokerage Inc.

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

INCOME TAX RETURNS prepared for as low as \$40. Electronic filing now available, refunds as quickly as 10 working days. Pick up and delivery from UBC. Professionally prepared. Phone 940-9180, Len.

CHINESE TUTOR Experienced teacher translator, native speaker of Mandarin, offers Chinese tutoring lessons (of all levels) tailored to your individual learning needs. If interested, call Jane at 822-9137 (morning) or 270-6311 (evening).

For Sale

BY OWNER Save \$1,000s - Sunny 2bedrm, 2bath condo. 16th Ave. (near Main St.) 25 mins. to UBC. Quiet, 3 skylights, gas f/p, washer/dryer ensuite, d/w and neat sunroom. 855 sq.ft., NO GST! Asking \$179,500. NO AGENTS! Call Anne at 874-6888.

Nitobe Memorial Garden Botanical Garden Shop-in-the-Garden

Summer Hours effective
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10:00 a.m. to 6:00 p.m. daily
(including weekends)

Call 822-9666
for garden information

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822-4529

Accommodation

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

GREEN COLLEGE GUEST HOUSE Located near the Museum of Anthropology, this is an ideal spot for visiting scholars to UBC. Guests dine with residents and enjoy college life. Daily rate \$50.00, plus \$13/day for meals Sun.-Thurs. Call 822-8660 for more information and availability.

TINA'S GUEST HOUSE Elegant accommodation in Pt. Grey area. Minutes to UBC. On main bus routes. Close to shops and restaurants. Incl. TV, tea and coffee making, snack basket, private phone and fridge. Single \$40, Double \$50. Tel: 222-3461. Fax: 222-9279.

GAGE COURT HOTEL offers year-round accommodation in one-bedroom suites with kitchenettes. Ideal for visiting professors and seminar groups. Located on campus, across from the Student Union Building. Daily rate is \$69/suite. For reservations call (604) 822-1010.

GULF ISLAND SABBATICAL Furnished 3 bedrm modern home on Mayne Island, walking distance to ferry, w/w carpeting, all appliances, fireplace, 2 bathrooms, TV(dish), \$750/mo. lease, references, Available May. 321 Wood Dale Dr. Ph. 272-4930 evenings or 539-5888 weekends.

ONCAMPUS 1 bedrm unfurnished luxury condo. Underground parking, security system, gas fireplace, 5 appliances, private patio, storage. Steam, sauna, exercise room. n/s, no pets. \$1100/mo. Available May 1. Phone 264-0307.

FURNISHED PENTHOUSE Large 1 bedrm furnished penthouse. Decks, fireplace, near Alma and 6th Ave. for visiting faculty. Available May 1 for 6 months or year. \$1,000/mo. incl. heat. Call 224-7705 (5:30-7 pm), or 822-4376 (Tu, Wed, Th, 9am-12pm).

STANLEY PARK One bedrm spacious apartment beside Lost Lagoon. Overlooks lagoon and Stanley Park. No pets. Available June 1-Sept. 10. \$685/mo. Phone Sarah or Tracey at 687-8331.

HOUSE TO SUBLET July and August. 3 bedrms, 2 bathrooms, furnished, piano, 2 cats, porch, garden. Near Queen Elizabeth Park. 25 min. to UBC by car. \$1,200/mo. Call Anne (604) 322-5493.

Accommodation

WEST END Beautiful 10th floor sweeping view of English Bay, on Stanley Park and Beach. Underground locked parking. Furnished 2 bedrm June-July early August. \$250/week. References/deposit required. Dates negotiable. Call 682-1022.

VERY SPACIOUS executive suite in character home, 1 bedrm and den, furnished w/ antiques. Water view, 1/2 block to beach, minutes from UBC. \$1400/mo. all incl. Available March 15. Call 738-8948.

HOUSE TO SUBLET in Acadia Park, May 1-Aug. 31. 4 bedrm townhouse. Furnished. \$1,000/mo., utilities, cable incl. No pets. Call 222-0859.

Housing Wanted

YOUNG FINANCE Professional with American bank seeks housesitting situation on West Side. Will be in Vancouver until end of '95. Flexible as to timing, cost and other residency requirements. Contact (604) 631-4617.

UBC EXECUTIVE (husband/wife) couple require a 2 bedrm/den townhouse or condominium with lease \$1,500-\$2,000 range (West Side). Non-smokers, no pets, meticulous housekeepers, would seriously consider an option to purchase. Please phone: 682-8087 or fax details 682-8010.

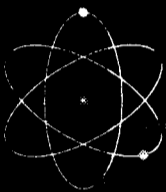
FAMILY OF FOUR seeks 3 bedrm house in Pt. Grey area for 1-year rental. July '95-June '96. Call Joan Fitzpatrick at 224-0725.

Events

HIV/AIDS CONFERENCE 9th Annual BC HIV/AIDS Conference. Focus on Drug Users. Nov. 5-7, '95. Sponsored by Continuing Education in Health Sciences, UBC; The Province of BC Ministry of Health; BC Centre for Excellence in HIV/AIDS; and St. Paul's Hospital, Vancouver, BC. At: Westin Bayshore Hotel, 1601 W. Georgia St., Vancouver, BC. For further information call: (604) 822-4965 or Fax: (604) 822-4835.

SEATING SYMPOSIUM 12th International Seating Symposium, March 7-9, '96. Vancouver, BC. Call for Submissions, Deadline: June 1, 1995. Sponsored by: Sunny Hill Health Centre for Children; UBC, Division of Continuing Education in the Health Sciences; University of Pittsburgh, School of Health and Rehabilitation Sciences; RESNA. For further information, contact: 12th International Seating Symposium, Continuing Education in Health Sciences, The University of British Columbia, Rm. 105 - 2194 Health Sciences Mall, Vancouver, BC, Canada V6T 1Z3. Tel: (604) 822-4965 or Fax: (604) 822-4835.

The AMS of UBC presents



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The Leon and Thea Koerner Memorial Lectures

STEPHEN HINTON

Associate Professor of Music
STANFORD UNIVERSITY

Hindemith and Weill:
Cases of 'Inner' and 'Other' Direction
Thursday, March 23 at 12:30 PM
Music Building, Room 113

Schenker in English: Theory, Aesthetics and Politics
Friday, March 24 at 3:30 PM
Music Building Library, Room 400

Review of the UBC LIBRARY

A committee chaired by Lynn Smith, Dean, Faculty of Law has been established to conduct a review of the UBC Library system. The last review of the Library was conducted in 1988. The committee's terms of reference are:

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.

To examine the Library's strategic plans for dealing with technology, space, collections, access, services, and staff.

The committee will welcome written submissions from individuals or groups. Submissions should be received no later than April 14, 1995 and should be addressed to:

Byron Hender
Secretary, Library Review Committee
Office of the Vice President,
Student and Academic Services
124-6328 Memorial Road
Vancouver, B.C. V6T 1Z2
FAX 822 8194 e mail hender@unix.ubc.ca

DEVON PRODUCTIONS presents
a Full Day Seminar for Health Professionals on

LASTING WEIGHT LOSS: THE "MUST-BUT-CANNOT" DILEMMA

with DR. GORDON COCHRANE Registered Psychologist

UBC Psychiatric Amphitheatre, UBC Hospital
Saturday, March 18, 1995 9:00 a.m. - 4:30 p.m.

Decade after decade studies continue to show that only one person in twenty achieves lasting success at weight reduction. Why is lasting weight loss such an elusive goal and what can health professionals do to help?

SEMINAR PROGRAM Diagnostic Issues: Summary of the Literature: The "must-but-cannot" Dilemma; Denial, Avoidance & Manipulation; Rebelliousness & Selective Attending; Ego-Threatening Emotions; Cultural & Gender Issues; Respect for the Problem vs. Magical Thinking; Self-Worth Issues; Genetics; Tools for Self-Awareness; Summary and Discussions. **Therapeutic Issues:** Readiness: Client and Practitioner; Helpful Tools & Techniques; How can People Build Self-Worth; From Fantasy to Plans to Action; Long-term vs. Short-term Focus; Imagery Activities; "Joining With" Activities; Summary and Discussion.

THE PRESENTER Dr. Gordon Cochrane specialized in Family Therapy and completed his doctoral research in weight-reduction. *The Journal of Consulting and Clinical Psychology* published his original weight-reduction work, and he has subsequently had a number of professional papers published on weight loss. After 14 years of clinical experience he recently completed **Weight-Loss, Self-Worth and You**, a book-tape package for lasting weight reduction. Dr. Cochrane taught and supervised clinical teams for eight years at UBC and currently has a busy practice in Vancouver working with couples, individuals and families.

SEMINAR FEE: Health Professionals \$120.00
Full-time students \$95.00

To register or for further information, please call
263-3312 or 1-800-661-5070.

Team to share quake insights

A team of engineers who visited Kobe, Japan, within a week of the recent earthquake that destroyed much of the city will share its insights at a seminar at UBC on Saturday, March 11.

The engineers, many from UBC's Dept. of Civil Engineering, will provide an overview of the type and degree of damage to buildings, bridges, infrastructure and port and industrial facilities caused by the earthquake's ground motions.

They were part of a reconnaissance team sent to Japan by the Canadian Association for Earthquake Engineering (CAEE). The seminar is sponsored by the CAEE in conjunction with the Dept. of Civil Engineering.

It will be of interest to engineers, architects, public officials, emergency preparedness personnel, planners, social scientists, insurance organizations and others. The public is also invited to attend.

The seminar will be held on the UBC campus at the Woodward Instructional Resources Centre, lecture theatre 2 (Woodward Library) from 9:25 a.m. to 1 p.m. A \$2 admission fee includes refreshments. Parking is available at the Health Sciences Parkade.

Speakers from UBC's Dept. of Civil Engineering include Prof. Emeritus Shel Cherry, who is also president of the CAEE, Prof. Peter Byrne, Prof. Liam Finn, Prof. Don Anderson, Asst. Prof. Carlos Ventura and Asst. Prof. Helmut Prion, who also holds an appointment in the Dept. of Wood Science.

Also speaking will be Ron DeVall of Read Jones Christoffersen, Jiti Khanna of Khanna Consultants International, John Sherstobitoff of Sandwell Inc. and Bill McKevitt of McKevitt Engineering.



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May 31-June 21, 7-10 pm

For further information, call, 737-8145

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People

by staff writers

Dr. Patrick Doyle, a UBC professor emeritus in the Faculty of Medicine, is one of eight distinguished University of Alberta (U of A) alumni to be inducted into that university's Alumni Wall of Recognition.

Doyle, who received his BSc and MD from U of A, received his internship and residency training in pediatrics at Vancouver's St. Paul's Hospital.

He joined UBC in 1963 and served as head of the Division of Otolaryngology from 1972 until his retirement in 1991.

Doyle is the founder and president of the Pacific Otolaryngology Foundation and founder of the B.C. Ear Bank and Ear Transplant Service.

In 1988 he became the first Canadian to serve as president of the American Board of Otolaryngology.

U of A launched the Alumni Wall of Recognition last year to inspire and motivate its students and future alumni in the pursuit of excellence with their current studies and future professions.

Induction ceremonies were held at the U of A campus last month.

• • • •

A research team from UBC's Pulp and Paper Centre in collaboration with MacMillan Bloedel Research has won the Canadian Pulp and Paper Association's prestigious Weldon Medal for 1994.

The award is made annually for the best research paper by a member at a CPPA-sponsored conference.



Dumont

The team, headed by Prof. **Guy Dumont** of UBC's Electrical Engineering Dept., consisted of **Patrick Tessier** (formerly of UBC's Chemical Engineering Dept., now with ISAC Technology Inc.), **Bruce Allison** of PAPRICAN and **Joe Ciarniello**, MacMillan Bloedel Research.

Their winning paper, Dual Adaptive Control of Chip Refiner Motor Load: Industrial Results, was presented at Control Systems '94 in Stockholm, Sweden.

The paper reported on Allison's PhD work in developing and implementing a novel control method for mechanical pulp refiners.

Ciarniello, a graduate of UBC's Pulp and Paper Master of Engineering Program, collaborated in the implementation of this control method.

The award was presented at the CPPA's annual meeting in Montreal in February.

• • • •

Dr. Donald Paty is being honoured by the American Academy of Neurology and the National Multiple Sclerosis Society (U.S.) with a newly created award recognizing excellence in multiple sclerosis research.

Paty, head of the Division of Neurology and research director of the MS Clinic, is the first recipient of the John Jay Dystel Prize for Multiple Sclerosis Research.

He is currently participating in two international, multi-centred clinical trials to study REBIF, a potent form of beta interferon as a treatment for MS.

Beta interferon is a naturally occurring anti-viral and immunoregulatory substance.

In previous studies, Paty showed that another form of the drug, interferon beta b1, reduced the activity of the disease. Based on his findings, the U.S. Food and Drug Administration approved beta interferon as a treatment for MS in September, 1993.

The \$7,500 cash award will be presented to Paty at the annual meeting of the American Academy of Neurology in Seattle, Wash. on May 10.

Civil engineers visit with UBC students, faculty

Representatives from more than 40 civil engineering firms met with 120 UBC civil engineering students and faculty members on March 1 for the department's annual Professional Night, held at the Graduate Student Centre.

The representatives, with expertise in areas ranging from transportation and marine engineering to seismic design and bridge construction, discussed employment

opportunities and their engineering experiences with the students.

The event was organized by civil engineering students and sponsored by the Canadian Society for Civil Engineering. It featured speeches by industry representatives Phil Sunderland of SCS Consulting, Peter Timler of Sandwell, and fourth-year civil engineer Dan Zollmann, who offered a student's perspective.

News Digest

Residents of the University Endowment Lands (UEL) have voted against forming their own municipality by almost a 2-1 margin.

With a 40 per cent turnout for the March 4 vote, 599 residents voted against incorporation while 318 were in favour of it.

The UEL, which covers a 14-hectare area around UBC, is managed by the Greater Vancouver Regional District of the province. It is home to approximately 3,500 residents.

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UBC coaches and athletes have been singled out for their excellence during the 1994-95 Canadian Interuniversity Athletic Union (CIAU) season.

Bruce Enns and Misty Thomas made it a clean sweep in the basketball category, winning coach-of-the-year honours in Canada West.

Enns coached the men's team to a 14-6 regular season, while Thomas guided the women to a regular-season record of 13-7.

Mike Coffin was named hockey's Canada West coach of the year for leading the Thunderbirds to a record of 10 wins, 13 losses and five ties.

Basketball players Ken Morris and Adair Duncan were selected first-team conference all-stars in men's and women's play, while Wendi Palmer was named to the women's second all-star team.

And power hitter Leanne Sander was selected a first-team all-Canadian in women's Canada West volleyball.

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Sarah Evanetz finished with five gold medals to lead the UBC women's team to a first-place finish at the CIAU swimming championships March 3-5 in Quebec City.

It's UBC's second straight CIAU women's swim title. The men finished seventh.

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The women's basketball team lost a heart-breaker in overtime in the third and deciding game of the Canada West basketball championships March 5 in Victoria.

The T-Birds dropped a 71-69 decision to the Victoria Vikings. UBC's Adair Duncan led all scorers with 29 points.

The Vikings take the series 2-1 and move on to the national championships March 10-12 in Thunder Bay, Ont.

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Peter Wall is the recipient of the 1994/95 B.C. Business Award, presented annually by the Commerce Graduate Society to a distinguished member of the B.C. business community.

The award recognizes an individual who has made a significant contribution to the business community, UBC, and the Faculty of Commerce and Business Administration.

Wall was cited for his financial contributions to UBC and his close working relationship with the faculty. He received the award at a presentation held Feb. 28 at the David Lam Library and Management Research Centre.

New paper offers women a creative outlet, editors say

The UBC AMS Women's Centre has launched a new campus newspaper by and for women.

Called VS, an alternative, the monthly tabloid premiered last month featuring an editorial on Canada's debt crisis, women's hockey at UBC, a poetry page and an analysis of the impact on women of proposed federal government reforms to social programs.

"The purpose of VS, is to provide an outlet for women to ex-

press themselves through photography, art work, graphics, news and creative writing," said news editors Niva Chow and Sarah O'Donnell.

"Our goal is to increase the visibility of women and raise awareness of women's issues, both on- and off-campus. We hope this paper will act as a vehicle to secure a women-positive community that will replace the 'chilly climate' many women experience on

campus."

Financial support for the paper is provided by the President's Allocation Committee, the Walter Gage Memorial Fund and the John A. Buchanan Memorial Fund.

Women interested in becoming involved with the newspaper are invited to attend production meetings held every Wednesday at 4 p.m. in Room 130 of the Student Union Building, or call 822-2163.



UBC Dance Club photo

Having A Ball

Dancers such as the graceful pair seen here will be gliding across the floor at the UBC Dance Club's 33rd annual Gala Ball on March 18. Held at the B.C. Enterprise Hall at the Plaza of Nations, the ball is organized largely by UBC students but includes people from all walks of life. More than 100 competitors will vie for first place honours in 23 categories, including tango, fox trot, jive, and rumba. The competition starts with a daytime session, which runs from 10 a.m. to 4 p.m., and wraps up with an evening session that includes the professional demonstration and club closed finals, from 6 p.m. to 12:30 a.m. For more information call 822-3248.

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Kaspar Naegele Memorial Lectures

ELLIOTT LEYTON

Professor of Anthropology
MEMORIAL UNIVERSITY, NEWFOUNDLAND

The Civilizing Process: Homicide in Modern England

Thursday, March 23 at 12:30 PM
Buchanan Building, Room A-102

Questions Arising in the Comparative Study of Homicide

Friday, March 24 at 12:30 PM
Anthropology & Sociology Building, Room 207/209

Everybody Talks About the Civilizing Process But Nobody Does Anything About It

Friday, March 24 at 3:30 PM
Anthropology & Sociology Building, Room 203

President's Advisory Committee on Lectures

FERGUS CRAIK

Professor of Psychology
UNIVERSITY OF TORONTO

Aging and Human Memory

Thursday, March 16 at 12:30 PM
Woodward Instructional Resources Centre, Hall 1

Encoding and Retrieval Processes in Human Memory

Thursday, March 16 at 4:00 PM
Kenny Building, Suedfeld Lounge 2510-12

Tutorial on Aging and Cognition

Friday, March 17 at 9:00 AM
James Mather Building Portables

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