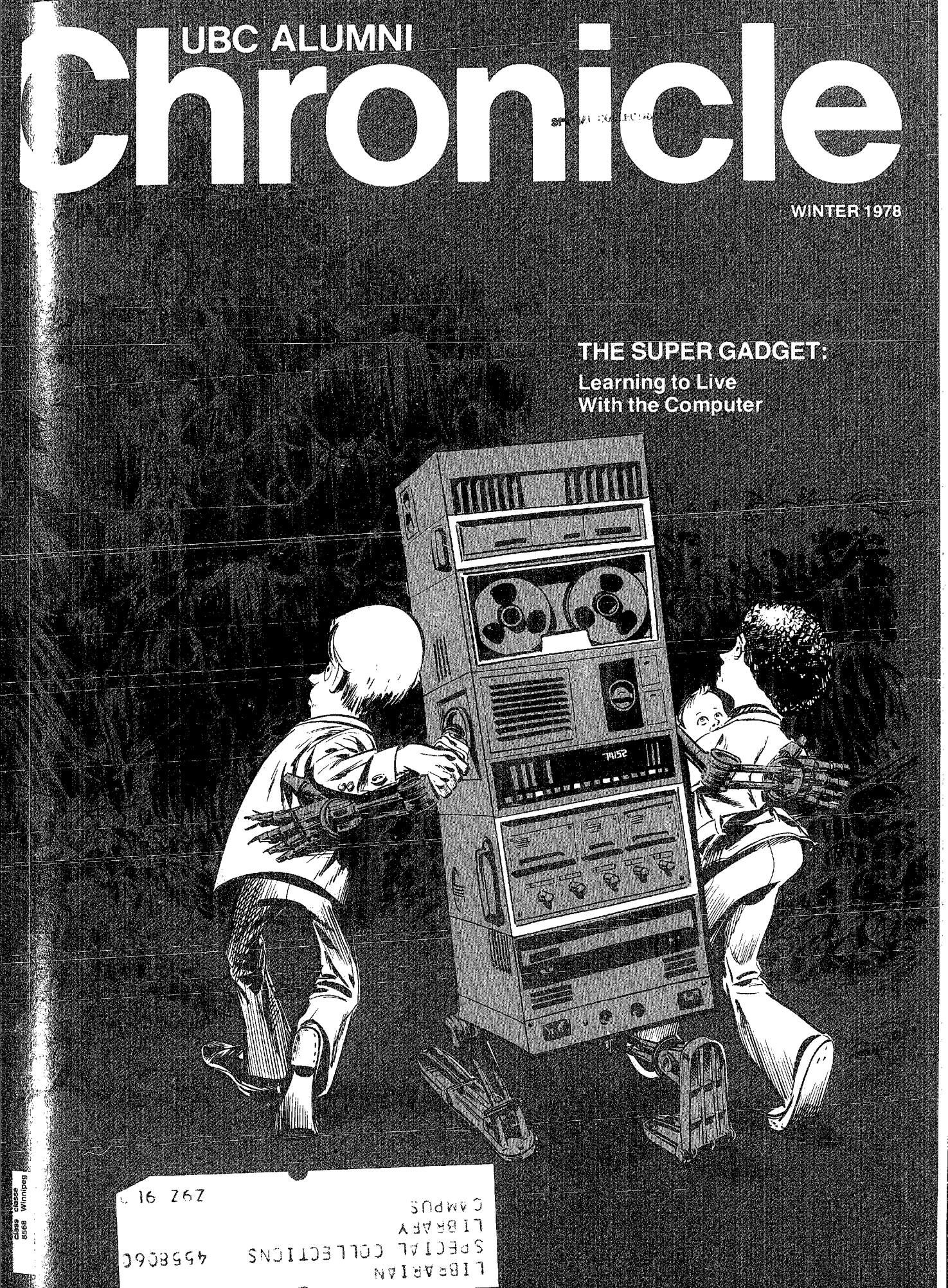
UBC ALUMNI

Chronicle

WINTER 1978

THE SUPER GADGET:

Learning to Live
With the Computer



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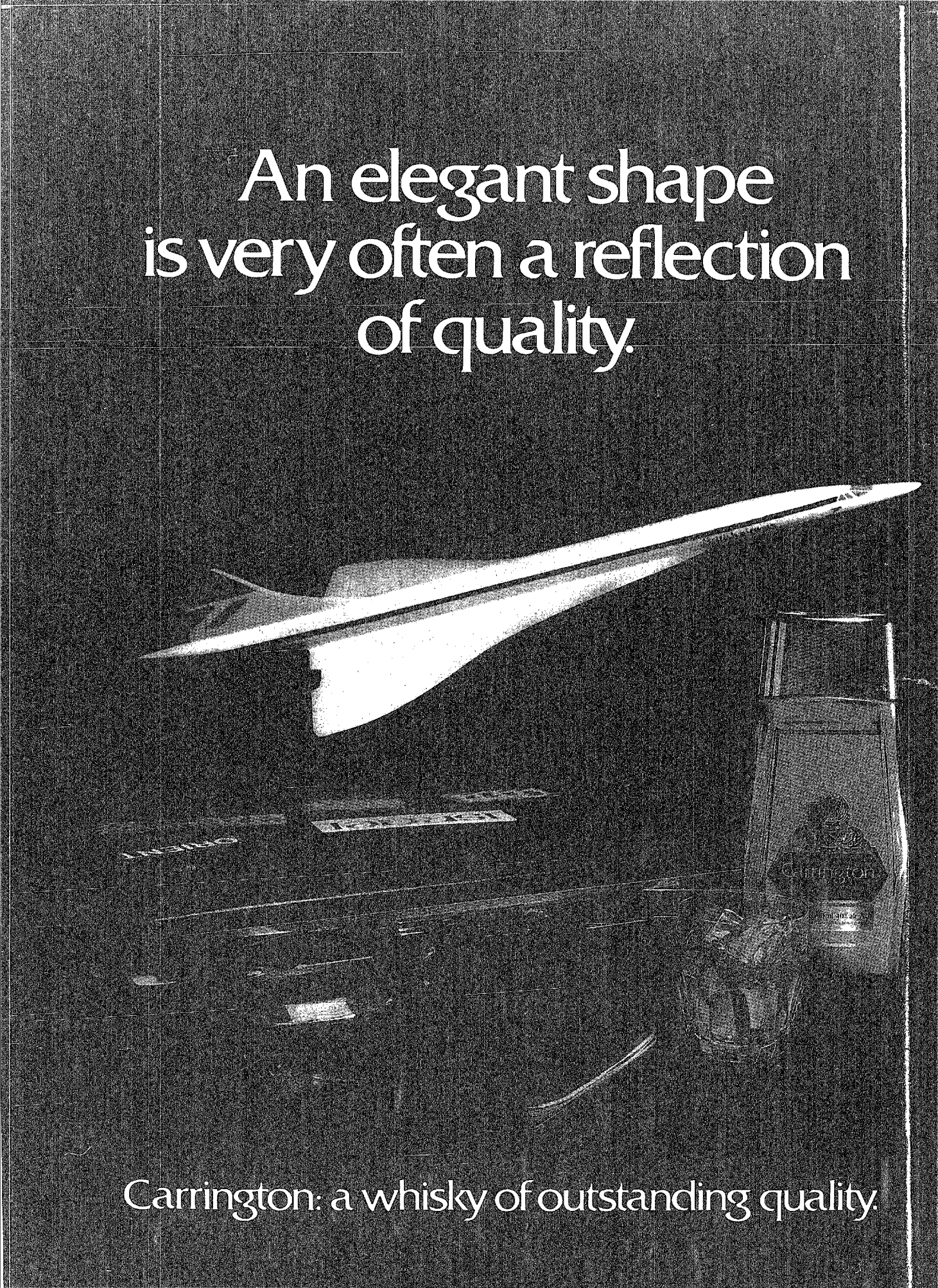
An elegant shape
is very often a reflection
of quality.
Carrington: a whisky of outstanding quality.

UBC ALUMNI
Chronicle
Volume 32, Number 4, Winter 1978

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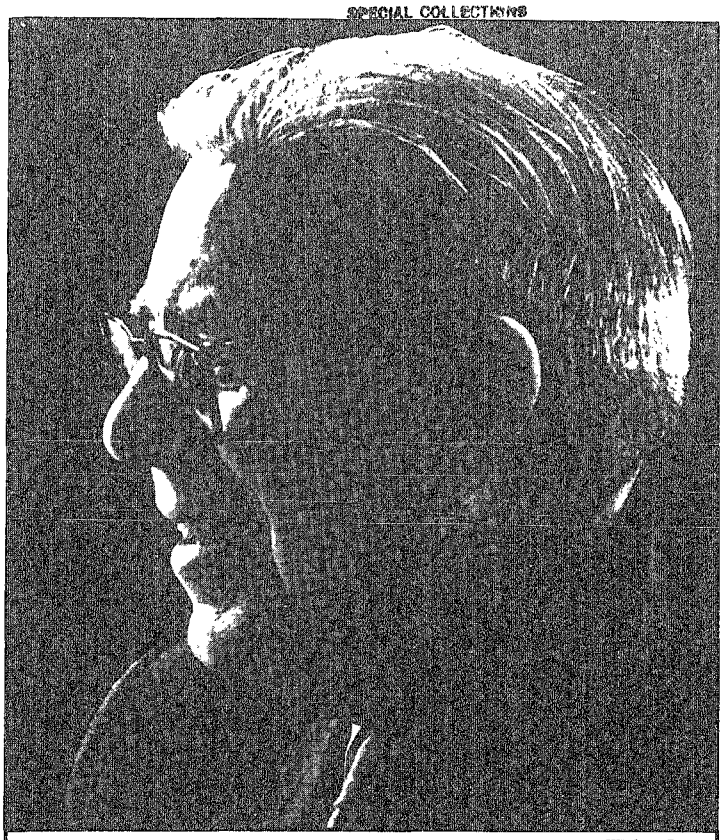


Walter Gage

A Message to Alumni:

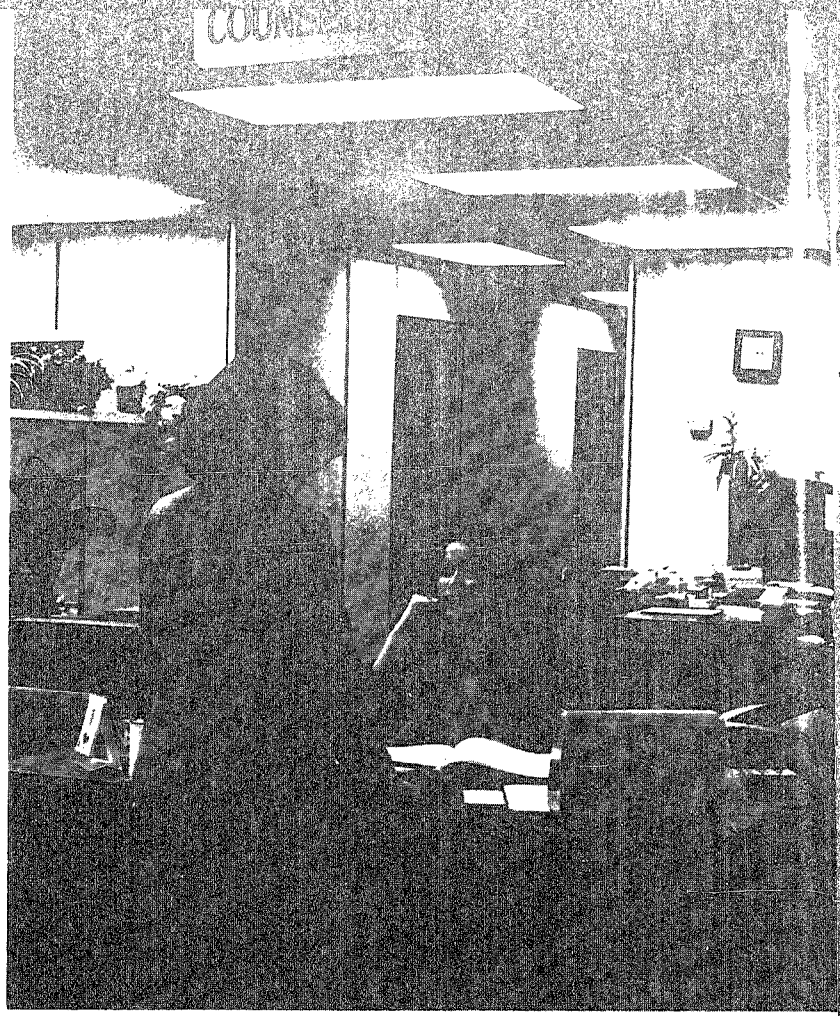
In October the entire university community was saddened by the death of Walter Gage, president emeritus. To many of us he was "dean of everything." His kindness and concern, his helping hand in countless situations are greatly missed. UBC will not be the same without him. But perhaps his legacy to the university is a continuing awareness of the needs of students.

In response to numerous requests, the alumni association, in cooperation with the students and the university administration, has established **The Walter H. Gage Memorial Fund** to perpetuate the spirit of Walter Gage's dedication and generosity. This new endowment fund will incorporate the Walter Gage Student Aid Fund created by the engineering students in 1975.

The planning group, composed of student, alumni and university representatives, has suggested the following terms of reference for the fund. a)Direct aid should be given to student projects sponsored by an undergraduate society, club or faculty. These projects are to be campus-oriented and of broad general interest. They should have academic components and enhance the reputation of UBC. b)The fund will be able to provide discretionary aid to individuals where resources are lacking under existing student aid programs. c)In addition support will be available for other areas of need that may be deemed worthy. In the Gage tradition it will be a flexible and responsive fund designed to meet student needs.

In the new year the UBC Alumni Fund will ask for your contribution to the Walter Gage Fund. If you have already contributed may I offer my thanks on behalf of UBC's students. If you haven't I hope you will consider doing so. Walter Gage gave very careful consideration to every request for help he received.

Paul Hazell,
President, UBC Alumni Association



Students seeking counselling or other services provided by the counselling office are greeted by receptionist Colleen Jarvis.... Each counsellor sees approximately six students each day for one-hour sessions. (Right) Counsellor Alexandra MacGregor meets with fourth year education student Jan Smith (back to camera).

"What do I want to be when I grow up?"

Counselling services help students make their own decisions

eanor Wachtel

Back in the 60s when Joan Wallin was a student at UBC, she was dubbed one of those really bright kids who ways got poor marks. Her I.Q. placed r in the top 5 per cent of the population, t she just couldn't pass a chemistry urse. She dropped out.

Ten years later she enrolled again but e pattern began to repeat itself. Terified of not doing well, she'd panic at an am, so frightened that she didn't know ough that her mind would blank out. A ar ago, with the stress of mid-terms oming, she was ready to quit again but chance noticed an ad for a studies skills orkshop at the campus student counselng centre. After just one private session th a counsellor, Joan came out feeling peful. Now a fourth year agriculture udent, "It's no exaggeration," she maintains, "that those sessions changed my e, my outlook. Everyone at the centre is helpful, real people people, who take e time to know who you are. I know it ounds like a commercial, but too many udents don't know of its existence, and e counsellors there deserve a lot of rown points."

The director of the Counselling Centre, Sh ran, BA'47, MA'50, would say ey simply encourage students to recogze they must make their own decisions. he centre helps by providing as many sources as possible to inform these decions. The information process starts even efore the student steps onto the campus. he high school visitation program, "a travelling circus" of representatives from UBC, SFU, UVic, BCIT, and regional colleges, tours every school in the province at least once a year. The team acquaints students with the range of post-secondary educational opportunities with a view to counselling not recruitment. In addition, UBC counsellors visit high schools on an individual basis, especially those in the Lower Mainland which may require four or five meetings.

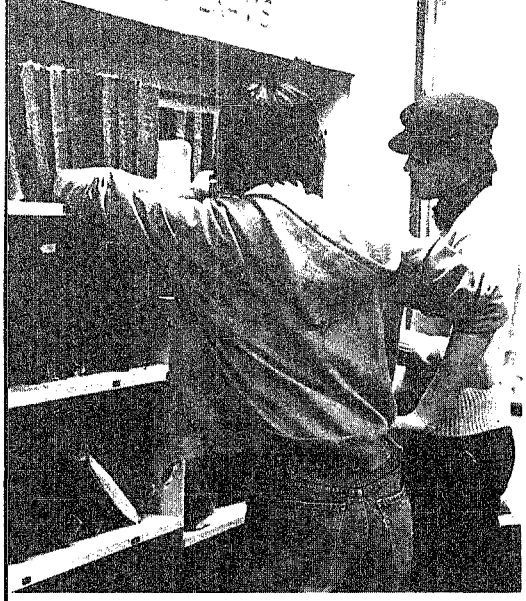
What do today's high school students want to know? After the basics like admission standards, costs and course requirements, they want to hear about jobs. "Secondary school students are more concerned about practical job opportunities than I've ever seen before," notes Shirran. "It's a complete reversal of the late 60s attitude when you couldn't find enough second class students to fill a first year medical class." The change is reflected in the increasing number of applicants to professional schools and the need to accommodate in alternate programs those who don't gain admittance but still want to attend university.

To further broaden communication with the province's schools, 2000 copies of a periodic UBC newsletter are sent out to all senior and junior high schools, private and public, as well as to colleges. This outlines new programs, placement tests and other pertinent information. To provide the schools themselves with direct feedback on their students' performance at UBC, a statistical report of comparative grades is made available. Without revealing any individual names, the schools can discover how effective their own college-preparation programs are in relation to others.

As an additional introduction to university life, 30,000 copies of "Information for Prospective UBC Students" are circulated. Its travel brochure look — verdant campus against snowy peaks — is tempered by all the hard facts contained within on course requirements and expenses. Realities of the university experience are further emphasized during the summer orientation program offered to all new students.

"Too often the student comes to us in January when it's too late," laments Shirran. "Once they've failed their Christmas exams there's little we can do." So the thrust is to reach students early. Every afternoon and evening during the summer, students in batches of 20 explore the campus. In a scavenger hunt-like search, they dig out the library call number for Donald F. Glut's *The Frankenstein Legend* and unearth the arts courses catalogue from the Buchanan Building. Grouped with a few other students entering the same faculty, they are encouraged to familiarize themselves with a variety of campus services and departments. It helps mitigate that sinking feeling of disorientation in a new environment.

About 40-45 per cent of the first year class are the first members of their immediate families to attend university. So it is not unusual for more than 1000 students to participate in the orientation program (about a third of all frosh). Through the financial assistance of the



Well-thumbed copies of old exams are filed in the counselling office and make popular reading as end of term approaches. First year applied science students Ken Kamachi and Keith Moody (right) do some checking for their courses.

alumni association, week-end sessions were conducted last summer for out-of-town students who were put up in residence.

At registration, the counselling centre distributes 25,000 "looking for help?" folders. Included in *Lifesaver: A Handy Pocket Guide for Staying Afloat at UBC* is a complete listing of "panic lines." There are also special pamphlets for mature, international and handicapped students.

But an age-old question seems to creep in at every stage: What do you want to be when you grow up? "An awful lot of students," remarks Shirran, "don't know what they want to do in this world. One reason to come to university is to find out where you want to go, but you don't need to know your exact destination before you arrive."

Many lack the information with which to define a career. Each year about 15 per cent of the first year class indicates they are uncertain about their career goals. But of those who say they do know, about 70 per cent change their objectives. Thus, fully three-quarters of the students entering university are unsure of their futures. Another survey asking students what worried them most during their academic year revealed that career and educational indecision led the list with over two-thirds expressing concern.

To meet the need for career guidance, the counselling centre provides resources of printed material, 40 audio-cassette tapes of interviews with department heads and professionals, a variety of aptitude and interest tests and specifically career-oriented group workshops. But all this is seen within the context of individual counselling where the student's own needs are ferreted out. Vocational tests, for example, are an integrated aspect of counselling and not a source of quick answers.

One of the most effective tools is the Volunteer Data Bank where students can gain actual experience as a volunteer doing work that they think might interest them as a career. Started last August, the Data Bank fills a wall of the counselling centre with a patchwork of notices from almost 150 different volunteer organizations. **Wanted:** *One non-smoker, preferably ex-smoker, to help the B.C. Lung Association's Operation Kick It program.* **Wanted:** *One education student to work with children who have learning disabilities.* The experience can reveal not only whether the student likes that profession, but it also may be an asset when looking for a job.

Keeping in mind the varied and sometimes discouraging possibilities in gaining actual employment, the prognosis in different departments is frequently evaluated. A large survey was undertaken of Spring 1977 graduates in 17 different faculties and schools. The employment status of almost 3000 students was ascertained six months after graduation. Now, if a freshman wants to know what his job prospects are in social work versus dental hygiene, he can at least be told the state of the market that study revealed: one quarter of the social workers were without work while all the dental hygiene grads were employed. (Summer and permanent placement are now handled by the new Canada Manpower employment office in Brock Hall.)

Although concern about career is frequently articulated, it isn't a complete separate compartment from the rest of student's life. Vocation is closely tied to self-image so career counselling will frequently embrace personal relations and skill development. A career choice affects family relations just as household difficulties can impinge on study habits and so on. The counsellors adopt a non-authoritarian, holistic approach.

Still, some undergraduates lose will draw, usually early in their program, with first year suffering the highest rate. Reasons vary, but as Shirran observes, "They aren't going away mad. The majority quarters state that they intend to return to university at some later date." Despite varied efforts to communicate an accurate picture of university demands and characteristics, many students still enter unprepared and poorly advised.

Fewer than 10 per cent of the school counsellors in B.C. have any specialist training. British Columbia is the only province in Canada without an educational specialist's certificate for counsellors, the reverse of a situation that existed 30 years ago when the province was ahead of the rest of the country. Then in the 19[illegible] with the W.A.C. Bennett government, interest in counselling waned. An "Effective Living" course on the school curriculum was ridiculed as "Effective Loving" and nothing pertaining to personal development (or inter-personal relations and the family) was to be taught.

The certification program was abandoned and anyone, any teacher that could be a counsellor. It was frequently seen as a route to an administrative position and became identified with administrative functions like discipline and timetables. But the situation is changing. The role of the school is being questioned in society where alcohol abuse and marital breakdown are commonplace. "How do you develop people," asks Myrne Nelson, BA'39, head of the department of counselling psychology in UBC's faculty of education, "who are able to cope with today's demands?"

The unanimous answer seems to be to train more counsellors. Last May, the provincial convention of school trustees meeting in Prince George recommended that all counsellors have *some* graduate training — at least a diploma. In a survey of superintendents and directors of B.C.'s 74 school districts, 100 per cent responded that there was a need for trained counsellors in the schools. Another survey of high school principals demonstrated 98.6 per cent in favor of more trained counsellors.

One immediate result is that UBC's counselling psychology program is swamped with inquiries. Last year the department received 1200 requests for its program brochure. Of the 206 applicants

UBC Counselling Services....

- brought 250 out-of-town students to visit the campus last summer, the maximum for which funds were available (not for travel, which was paid for by the student, but for residence and food costs). Only five did not register for the fall session.
- in 1976-77, conducted 8,381 personal counselling interviews — 54.6 per cent of the clients were male; 45.4 per cent, female. (Women made up 43.6 per cent of the student population in that year.)
- provided testing in a wide variety of areas for 4302 students or prospective students, in 1976-77.
- representatives visited 192 B.C. secondary schools in the same year.

about [illegible] were admitted; with only half [illegible]gain full-time. The department of those [illegible] offers a [illegible]e-year (i.e., 12-month) diploma or M.I[illegible] a two-year M.A., and a three-year E[illegible]). program. Admission to any of these [illegible]uires three to five years work experie[illegible] in a related field. "We need people [illegible]o've lived a lit.le longer, who've had m[illegible] experience with life, preferably workin[illegible]ith people," adds Dr. Nevison. And th[illegible]aining itself provides more clinical exp[illegible]ure than any she knows of, with two ful[illegible]ays practicum each week and six weeks f[illegible]-time in May and June at one of the sch[illegible]ol's training centres in New Westmi[illegible]ster, Richmond, and on campus. With ab[illegible]ut half the students enrolled on a part-time basis, working teachers/counsell[illegible]rs can upgrade themselves by opting for either an evenings/summers program or a summers only (four in all) which admits students every second year.

The counselling-psychology program offers specialties in elementary school, secondary school, and college and adult counselling. (Currently all school counsellors must also hold teaching certificates.) A new emphasis is being placed on increasing the number of elementary school counsellors; about a quarter of the students are taking the specialty. These graduates currently face a situation in which two-thirds of the province's school districts have no elementary school counsellors at all. Those districts with counsellors must share them among five or six schools, approximately a ratio of one counsellor to 2000 pupils. The optimum work load is considered two or three schools and 500-1000 students per counsellor.

The thrust towards elementary school counsellors can be explained in terms of a preventative aim. Even in secondary schools, the "therapeutic-consultation skills" of the counsellor are seen as more important than the vocational. At the primary and elementary school level, social and educational problems can be weeded out more effectively. Less band-aid and more far-reaching improvements can be attempted. The problem is that with current workloads, this is seldom possible.

Vancouver area counsellor Edna McDermid Nash, BEd'63, MEd'70, a former secondary school counsellor and department head, now prefers her work at the elementary school level. "You can bring about change so much more quickly, you actually *see* a change of outlook. High school students are more set. High school itself is more subject-than-student-oriented."

But until the ratio of counsellors to students improves, Nash sees her primary function as dealing with those significant adults who influence children, namely, the parents and the teachers. As an elementary school counsellor she can seldom work directly with a child so she acts as consultant to those other grown-ups. She stresses preventative work, encouraging teachers to have regular class discussions where children can learn to help each other and plan together at their own level of responsibility. She also undertakes parent study groups to give them guidelines for dealing with their children. "Most parents are responsible and want to do what is best for their children — they just don't always know what best is."

In high schools, much counselling is done in small groups, utilizing peer group influence, with less emphasis on parents. Students are encouraged to evaluate themselves before the teacher does it for them. Counsellors must tread the narrow line between student advocate and administrative enforcer.

The UBC program, begun 15 years ago, is by far the biggest in B.C., with 12 full-time and two part-time staff, and it's stretching to meet the demand. Opportunities are opening up, especially outside Vancouver. Last year, a school district in the Fraser Valley had five positions that went unfilled.

Counselling is an aspect of education that's growing, regardless of declining figures in school enrollment. "We're going to need more and more people to work with people," maintains Myrne Nevison. "That's the area of our society that's expanding." □

Eleanor Wachtel is a Vancouver writer and broadcaster.

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Bench Marks: The Life and Times of B.C.'s First Judge, Matthew Baillie Begbie

Viveca Ohm

Judge Matthew Baillie Begbie? Ah, the hanging judge, most of us say, recalling school pageants, Barkerville shows and Centennial tours which invariably cast Begbie as a ridiculous figure in a paste-on beard, fulminating at trappers and gold seekers.

Along with Gassy Jack and Amor de Cosmos, he is remembered as one of the handful of colorful characters in B.C. history. But history has done him wrong, it appears, for although Begbie was in fact a frontiersman of legendary proportions, he was also a competent and humane judge who did not at all relish hanging people.

For clearing his reputation a century later, Begbie can thank David R. Williams, a lawyer and winner of the 1977 University of British Columbia Medal for Popular Biography. Published by Gray's of Sidney, ... *The Man for a New Country* is one of the few legal biographies of a Canadian figure, but this should not scare off the jargon-shy lay reader.

A graduate of UBC, BA'48, LLB'49, and later member of the senate and board of governors, Williams felt that an all-around biography of Begbie needed the legal insight of someone in the profession, yet he aimed the book at the general public, putting "a good read" ahead of legal terminology. In fact, the favorable reception by other lawyers alarmed him at first — if lawyers liked it, would the ordinary reader be lost?

Begbie had been put down in his lifetime and afterwards as a man whose impartiality on the bench was doubtful, whose knowledge of law was riddled with holes. Altogether a rotten judge who had come to the wilds of B.C. because he couldn't make it back in England.

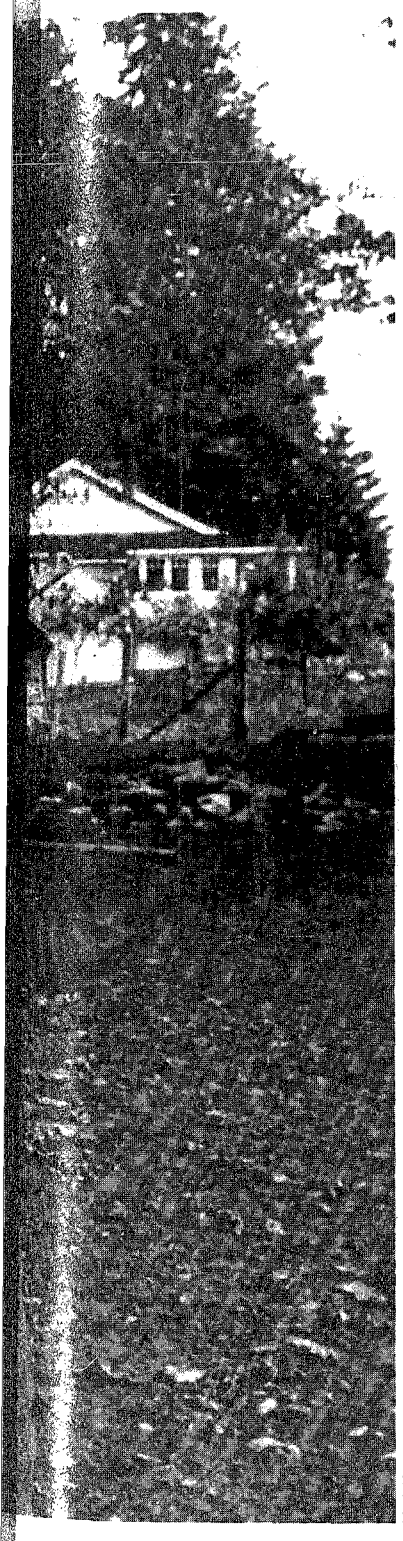
Actually, by the time Begbie left England as a 39-year old bachelor, he enjoyed a fair amount of prosperity as a Chancery lawyer, one of the few who knew shorthand and could therefore augment his income sufficiently as a court reporter to travel abroad regularly. Begbie was an adventurous spirit, the stuff of which pioneers are made, and the opportunity of a colonial post was not lost on him.

When Begbie arrived in Victoria in 1858, his shipmates on the last leg of the journey from San Francisco were eager gold-seekers leaving the fading prospects of California behind to follow the promising rumors of the "frozen North." That the gold rush in B.C. never developed into the lawless affair it had been in California could be due in part to it being the second time around for many miners, in part to Begbie's early presence on horseback in the mining camps.

A tall, bearded, rather Shavian-looking figure, Begbie never let primitive surroundings interfere with protocol. Often he had to hold court under a tree with a stump for a bench, but he always wore his judicial robes and wig, carefully packed and brought along on each circuit. Though the new-and-only-magistrate seemed equal to his new land, there were certain hazards he could not have been prepared for — such as having his horse bolt from under him in mid-session after being frightened by a passing camel train. Or having the chimney of his small cabin dislodged by snow, and having to convince remote and skeptical government brass of the need for another.

Begbie and his circuit party, which might include a registrar, a sheriff, and several Indian guides, often had to make their way on foot or horseback through rough, steep terrain before the first roads were built along the Fraser and to the Cariboo. Sometimes they would have to scramble down ravines, ford streams, get wet, sleep in the open. But Begbie, who was always well-supplied with frying pans, knives, axes, teapots and other camping gear, relished these jaunts. He baked bread en route and lived off the land by fishing and shooting. He would pan for gold, paddle a canoe down a rapid, and at night around the campfire, would entertain the others by witty and learned conversation and by singing.

With Indians, Begbie got along unusually well for a man of his time. After only a short time in B.C., he could speak not only Chinook — the pidgin communication between white and Indian — but also Chilcotin and Shuswap, and possibly also a Vancouver Island dialect. Natives brought before his judicial bench, whether on charges of murder or breaches of the potlatch law, often found a more sympathetic ear than a white offender would. Recognizing that Indian language, mores and traditions prevented the same understanding of British law that could be



Mark Kaarremaa

Begbie biographer David Williams, with his son's horse, Fred.

expected from white settlers, Begbie in 1873 recommended that justices of the peace not interfere with "Indian chiefs exercising their customary jurisdiction over drunken and disorderly members of their own tribes and inflicting on them the salutary discipline usual in the tribe," except in cases of "excessive severity." At that time, hanging usually followed a murder conviction, but the judge could urge a reprieve. Begbie, who did not use this power in any case involving whites, recommended clemency for Indians in all but two cases, where he felt an example must be set.

As author Williams points out, Begbie was in a unique position by being both a representative of the law, which was supposed to be impartial, and the colonial government, which was not — it had to build up its own credibility. This wearing of two hats caused a lot of resentment from political rivals, but its effect on Begbie was to temper his decisions so as to build confidence in the British justice system. He felt obliged to set examples. "This was not at all a weakness," Williams notes, "just highly unusual."

In any case, Begbie apparently retained the respect of Indians and whites alike, who saw him as a bulwark against crime and disorder in their small communities. The epithet "hanging judge" did not come about until after his death, and then partly as a result of a magazine article which told how a murderer had been found guilty in Begbie's court, and sentenced to hang. There being, however, no sheriff available, the judge himself performed the execution on the appointed day. There is no other record of this highly unethical event and Williams dismisses it as total fiction.

If "hanging judge" is taken less literally to mean a particularly harsh magistrate with a record of many convictions, Begbie was probably no more harsh, possibly less so, than his contemporaries. Personally he was an autocrat, Williams says, a conservative Victorian gentleman, but as a judge he tended to be unconventional and far from autocratic.

Another point easily forgotten is that British law at the end of the 19th century was not the same as it is now. Capital punishment was routine for homicide convictions; moreover the weight of the law favored the prosecution rather than the defense, and much of what today would be considered inadmissible evidence was then perfectly acceptable.

Begbie's dealings with the Chinese showed the same humanity as his treatment of Indians. He deplored the bigotry of his day which sought by ingenious and exorbitant methods to keep the Chinese out of business. Case after discriminatory case was thrown out, though Begbie himself was not above using Victorian epithets like "anthropoids" for a race he nonetheless professed to admire.

When not out riding circuits (which gradually became more comfortable as roads, wagons and formal courthouses became part of the scene) Begbie lived comfortably in New Westminster and Victoria, drawing up legislation and taking an active part in social circles, singing in choirs, making dinner speeches, holding tennis parties. When he died in 1894 after 30-odd years on the bench, the whole city turned out for a stately funeral and his old arch-enemies vied in singing his praises.

History has lost sight of the real man because of the bad press Begbie received,

Provincial Archives, Victoria, B.C.

Judge Begbie, soon after his arrival in Victoria in 1858.

which in his lifetime centered around vitriolic attacks by editor John Robson (later and briefly premier of B.C.). Robson and a few colleagues regularly upbraided Begbie for everything from "tyrannical" courtroom behavior and alleged land speculation to smoking and drinking in public and being a social butterfly.

It is left to Williams 100 years later to ruefully point out the irony in Vancouver's newest office plaza — the central feature of which is the court complex — being named after a man who knew little about law and spent his first 15 years in B.C. attacking its judges. The Williams' contribution of "Begbie Square" to the naming contest obviously w nt heeded.

...*The Man for a New Cou try* about three years in the making. with bulk of research — which Willia s fo more enjoyable than the "hard work writing" — accomplished duri g a month sabbatical spent at the ar hive Ottawa, in England and Califor ia. biggest surprise came at the p ovin archives where all of Begbie . be books turned up, uncatalogued nd gotten.

The bench books, which gener lly c tain a judge's notes on the case he proved particularly interesting in Begb case because he also used them as pers diaries. Doodles and math formulas pear next to courtroom notations. as as the sketched figures and faces that w later used to illustrate the biograph chapter headings. Gleefully, Willia even reports finding two pages of "q questionable Irish jokes" the judge storing up for dinner parties.

* * *

David Williams lives on a 22-a spread of wooded and rolling green h outside Duncan, B.C. with his wife La and youngest son. Also sharing the main are two dogs, two horses and e sheep, the latter kept for meat and C ichan sweater-wool as well as for la mowing purposes. Three older child are scattered throughout various univ sities studying arts, medicine, and in case of daughter Suzanne, law ("ab lutely *not* my influence," says Willia while another, Harry, is a fisherman Jonathan is still completing high scho

An amiably rumpled man (at least sunny weekends at home), Williams scribes his Duncan practice as "a bit everything, but mostly litigation." 1969, he was made Queen's Counsel distinction he admits "indicates a cert competence as a courtroom lawyer" modestly dismisses as having "little me ing in Canada."

Williams claims to have another books in him. But the results of the su cess of ... *The Man for a New Country* still whirling around him. "The U literary award has pleased me very muc it came completely out of the blue." T award is given annually for popular bio raphies of or by Canadians.

Besides enjoying the promotional pects of literary success, the radio a television interviews, Williams got "great charge" out of impersonating B bie — robes, beard and all — at the 50 anniversary celebration of the town Quesnel. He was recently asked to repe the performance in Duncan.

His current project is re-writing ..T *Man for a New Country* for Fitzh nry Whiteside's school series, The Can dian It looks like the ten books will have o a little longer.... □

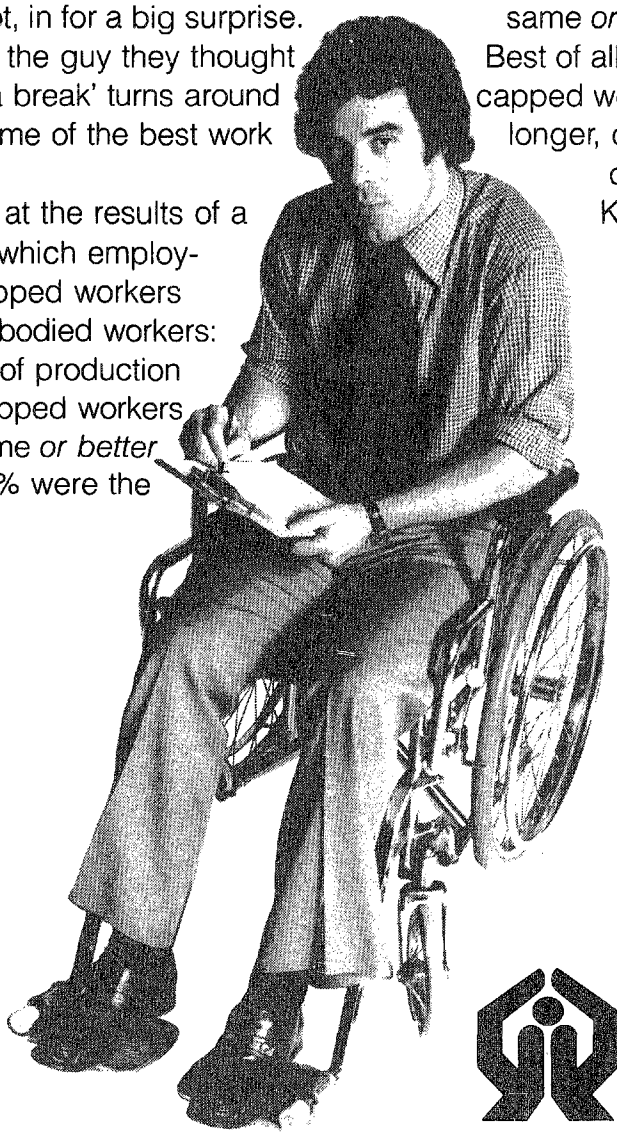
Viveca Ohm, BA'69, is a frequent contributor to the Chronicle.

when you 'give him a break',

you may be giving yourself a bonus.

Employers who hire disabled workers are, more often than not, in for a big surprise. All of a sudden, the guy they thought they were 'giving a break' turns around and gives them some of the best work they've ever seen.

Just take a look at the results of a national survey in which employers rated handicapped workers compared to able-bodied workers: Regarding level of production 83% of handicapped workers were rated the same *or better*. Attendance? 88% were the same *or better*.



And as to quality of work, 90% were the same *or better*.

Best of all, the survey indicated that handicapped workers tend to "stay with the firm" longer, dramatically reducing the hidden costs of staff turnover.

Keep these facts in mind the next time you consider giving a disabled worker 'a break'.

You'll be doing *yourself* a favour. For more information, call Dave Rabson or Mike Cannings at 266-0211 in Vancouver or contact the rehabilitation consultant in any WCB Area Office.

WORKERS' COMPENSATION BOARD OF BRITISH COLUMBIA

THE SUPER GADGET:

LEARNING TO LIVE WITH THE COMPUTER

Tim Padmore

Airplanes boosted the speed with which we can travel a hundred-fold. The airplane has brought economic benefits and transformed warfare. More important, it has freed man to know his world and the knowing has changed forever his perception of it.

The computer, a younger technology, has boosted the speed with which we can calculate, not by a factor of 100, but by a million or more. What will that bring?

Super gadgets, no doubt. Also, ordinary gadgets — ones that will work better and longer.

Changes in education — a revolution in both methods and content.

New ways of doing business, of governing and with these a profound social restructuring.

A new perception, not of the world, but of ourselves.

The gadget possibilities are endless. The sophisticated computer games, pocket calculators and even the small home computers that can be bought for the price of a color TV are trivial things.

Imagine, though, a portable computer — perhaps even a computer implanted in your body — that you talk to by thinking at it and that replies with images flashed on a mental TelePrompTer. Science fiction writer Frank Herbert imagines a lawyer going into court with an entire law library and an electronic librarian at his mental beck and call.

Imagination is all it is, but the idea is not as scientifically screwball as you might think. Computer brains — they're called central processing units, or CPUs — small enough and fast enough to do the job already exist. Memory — a place to store the law library — is a bigger problem, but memory devices are getting more and more compact. And as for wiring into the brain, well, the first crude steps have already been taken by scientists seeking to help the blind see; they have implanted electrodes in the brains of blind volunteers and (using a computer) produced mental flashes of light that form recognizable patterns.

At hand today is the remote terminal, a portable video screen or teletype connected by phone to a central computer, which can be as big as a house for all the remote user cares. A football coach can dial up a play statistically tailored to the present opponent, field position, elapsed time, score and the quarterback's sore arm. A policeman can search for outstanding arrest warrants or unpaid parking tickets.

In England, the post office has started a remote terminal service called ViewData. The citizen buys the terminal, which allows him or her to tap data banks containing everything from consumer advice to stockmarket quotations. A similar system has been proposed in Canada. Costs will be relatively high at first; the present limit is the cost of the telephone time. But that will change as other revolutions hit the communications industry: fibre optics, for example, and fuller use of the capacity of cable TV links.

Law libraries, football plays and comparison shopping are obvious and not especially earthshaking applications of this kind of gadgetry. The interesting question is: How will people change as they learn the unguessed possibilities of this new tool? The automobile brought suburbs, smog, McDonald's and school integration. What will happen to the stock market when the small trader has the same computational resources as a mutual fund? to advertising, when the consumer can get an instant analysis of a manufacturer's claims? to medicine, when the patient can get a sophisticated diagnosis and a prescription from a machine?

Imagine a computerized library that informs the reader whenever a new book or article on subjects he has specified comes in. Will the reader lose the capacity to browse, to make serendipitous discoveries? The UBC library is offering such a service today.

Then there are the "invisible" computers. UBC commerce professor Robert Goldstein says the first big impact from computers will be in products where they are built in with conventional controls.

Soon, he says, everyone will own several computers, perhaps without being aware of it. Computers in cars will adjust engine settings for optimum mileage and check to see if the brake linings are getting

thin. Computers in appliances will make them "smart" — like the programmable microwave ovens now on the market.

(Goldstein predicts, with a touch of horror, a smart TV that can be programmed for a week's viewing, switching itself on and off automatically. Will the machine's owner obey the implicit commands, cutting short the bedtime story when the tube lights up? "My guess is we will enslave ourselves to the TV," he says.)

The finely engraved electronic "chips" modern computers are based on are extraordinarily reliable and long-lived and much cheaper than the complex mechanical systems they will replace, Goldstein says. One casualty of the revolution will be a lot of elegant engineering. A small computer allows a "brute force" solution of problems that once demanded elaborate tinkering.

Many other skills will become obsolete. Automation has aready had profound effects on workers. New methods of transferring the news reporter's words into print have led to bitter strikes and the closing down of newspapers. Computer controlled automation could lead to worse strife and a feeling of alienation as the worker becomes more remote from the product.

Paradoxically, it could also lead to the return of custom craftsmanship, said Goldstein. The computer excels at making and acting on split second decisions. A computer controlled assembly line can turn out endlessly varying versions of the product without blinking an LED where havoc would ensue if a human foreman were doing the orchestrating.

Josef Kates, a former head of the Science Council of Canada, has suggested that computers will resurrect the small entrepreneur. Economies of scale will have less force as computers take charge. While the large company enjoys custom production, the small one, by the same token, will be able to undertake short production runs. Its automated machinery will not be cheap, but will be far more versatile than a "dumb" device like a lathe or a bottle washer.

Computers will provide new jobs, of course, perhaps more jobs than before. But if the statistical average person will benefit, there will be many individuals who will not. Goldstein and Paul Gilmore, head of the department of computer sciences at UBC both warned of consequent social risks.

The new jobs may require higher levels of skill; they will certainly require different sorts of skills. And therefore different sorts of people will move to the forefront of society.

Universities will have to be alert to the changing needs. Computing courses are already required in many departments. Arithmetic facility is not.

There will be important changes in all disciplines. The reorganization of knowledge into "data bases" accessible to [illegible] puters will affect how scholars [illegible] about their disciplines. More tha[illegible] emphasis will shift from the lea[illegible] facts to the understanding of pa[illegible] will become easy to generalize, a[illegible] the computer the task of tes[illegible] generalizations. Not even the fin[illegible] being spared as artists find that co[illegible] give them new tools to manipul[illegible] light and sound.

What about teaching method[illegible] professors be replaced by video di[illegible] terminals? Gilmore says he pe[illegible] doesn't believe computer-assisted ins[illegible] tion is going to have a big impa[illegible] university.

Teaching machines generated [illegible] citement a decade ago but have n[illegible] great deal of impact and are still a cl[illegible] substitute for a human tutor, o[illegible] good lecturer. But they will likely [illegible] application, particularly in educa[illegible] at-a-distance — decentralized emp[illegible] training, for example.

Gilmore, who spent most of his [illegible] ing life at IBM before coming to UB[illegible] year, said the giant computer com[illegible] has a "nerve network" of compu[illegible] "The communications and compu[illegible] provides a means of tying the com[illegible] together that wasn't possible before."

The network makes possible not [illegible] decentralized training but also de[illegible] tralized decision making, he says. "[illegible] have local offices able to make deci[illegible] with data that was formerly available [illegible] to head office." And that will shift [illegible] reins of power. "...An interesting [illegible] for business is that your next preside[illegible] not now sitting in head office, he is ou[illegible] branch office somewhere." Of cou[illegible] computers could also lead to conce[illegible] tion of power, but happily, said Gilm[illegible] that does not appear to be happening.

What is true for private enterprise [illegible] be equally true for public ones. If soc[illegible] chooses, it can use the new technolog[illegible] decentralize government, transfer[illegible] federal authority to the provinces [illegible] provincial authority to regions [illegible] neighborhoods. It would be ironic if [illegible] and not René Lévèsque were the spu[illegible] constitutional reform in Canada.

What about the abuse of compu[illegible] invasion of privacy and computer [illegible] Neither Gilmore nor Goldstein se[illegible] think either problem insoluble. Go[illegible] is optimistic because he sees the si[illegible] as a rare chance to bolt the ba[illegible] before the horse takes off into the ni[illegible] People started panicking about co[illegible] abuse in the early 70s, he says, but fo[illegible] that serious abuses would be enor[illegible] difficult. Abuses are getting ea[illegible] technology advances, of course, b[illegible] safeguards have a headstart.

In many countries, including C[illegible] and the U.S., there already exist la[illegible] provide citizens access to compute[illegible] on themselves held by credit rep[illegible] agencies and government bodies [illegible]

A Computer Age Glossary

Chip: A wafer of silicon, the stuff of transistors. The chip's surface is transformed by plating and etching into a lacework of complex circuitry. Chips are little brains. Put together they make the big brain.

CPU: The part of the computer that does the arithmetic, distinguished from memory and devices used to communicate with the computer.

Data Bases; data banks: A collection of information, usually coded as a sequence of 1's or 0's, stored magnetically or electrically, and organized and indexed for convenient access.

Fibre optics: Transmissions of light signals through thin fibres of ultra-clear glass. The technique promises to be enormously more efficient than conventional telephone lines.

LED: Light emitting diode. A device that converts electricity to light with high efficiency. Often used for the character displays of pocket calculators.

Memory: The word means what it says. Basically a collection of switches that are either open (coding a zero) or closed (coding a 1) that record all the information the computer needs for its calculations.

Program: A set of instructions defining a particular task for the computer. Most computer programs are written in something vaguely approaching plain English. A standing program executes the chore of converting them into the ubiquitous 1's and 0's.

Terminal: A place where you can sit down and "talk" to the computer, usually through an electric typewriter keyboard. A "remote terminal" is one around the corner from the computer, or in another country. Often an ordinary telephone connection serves as the link, to the consternation of inexperienced long distance operators who pick up a chorus of electronic whistles instead of human voices. A "video display terminal" is one equipped with a TV screen that displays your messages and the computer's replies.

U.S. has a broad-ranging freedom of information law.

Adding to that body of law will be slow, Goldstein says, because the freedom of information laws tend to conflict with privacy laws. What if information in your file revealed that your brother-in-law ratted on you?

In Massachusetts a law was passed giving patients the right to see their hospital files. So doctors stopped putting important but potentially embarrassing information in the records. "It's not clear that's in anybody's best interest," he says.

Computers offer unusual possibilities for crime. Historical examples include the criminal who used a computer to order fake shipments of valuable goods to his private warehouse and the subtle embezzler who took the fractions of a cent left from interest calculations on thousands of accounts and transferred them to his own.

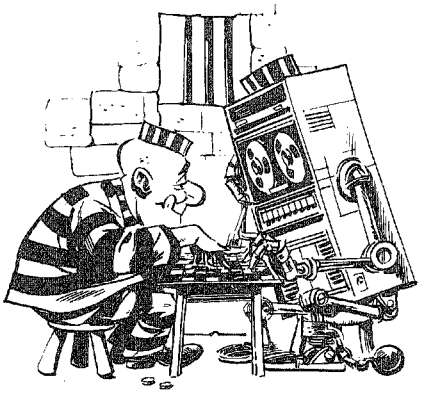
Preventing computer crime is mainly a matter of controlling the access of unauthorized persons to sensitive parts of the system, said Goldstein. What's needed is the electronic equivalent of padlocks and burglar alarms. Those things are feasible, although, he admits, "deep down in their hearts, most computers built today probably don't have what it takes to provide good access control." Gilmore added that in the end a part of the solution will have to be old fashioned character judgment — choosing the right people to give responsibility to.

Computers, then, can change our capabilities, our habits, our social structure. Will they become superhuman, or make us less human? Those are questions of definition more than science. So long as we think of computers as tools, their capacities become ours, enlarging us.

Certainly, computers will change our own self-image. Once the ability to manipulate numbers rapidly was considered a mark of genius. Not now, when machines can do it so much better. The ability to manipulate patterns is a higher order of intelligence, but the very respectable showing of the Control Data Cyber 176 against international chess master David Levy (Levy won 3 1/2 points to 1 1/2) in Toronto in September, may mean that measure will lose in respectability, too.

There is still a lot of territory belonging to human intelligence however. Chess is a very special game played in a very small 64-square world. Man's ability to generalize, to simplify and to speculate, the intuition that guides him, however imperfectly, through the jungles of the real world, remains, for now, a thing beyond the reach of the machines. □

Tim Padmore, BA'65, (PhD, Stanford), writes on science for the Vancouver Sun – *and occasionally for the* Chronicle.



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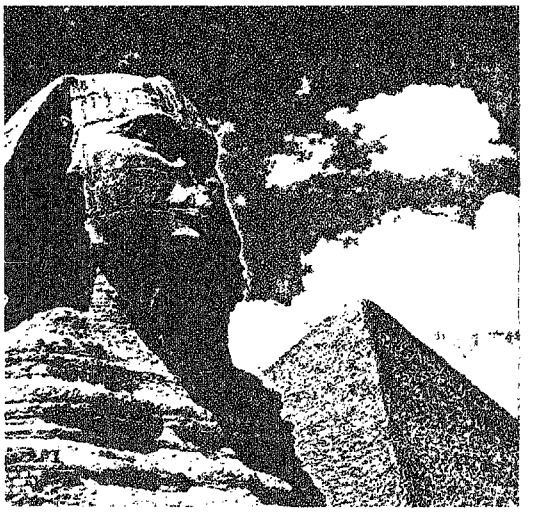

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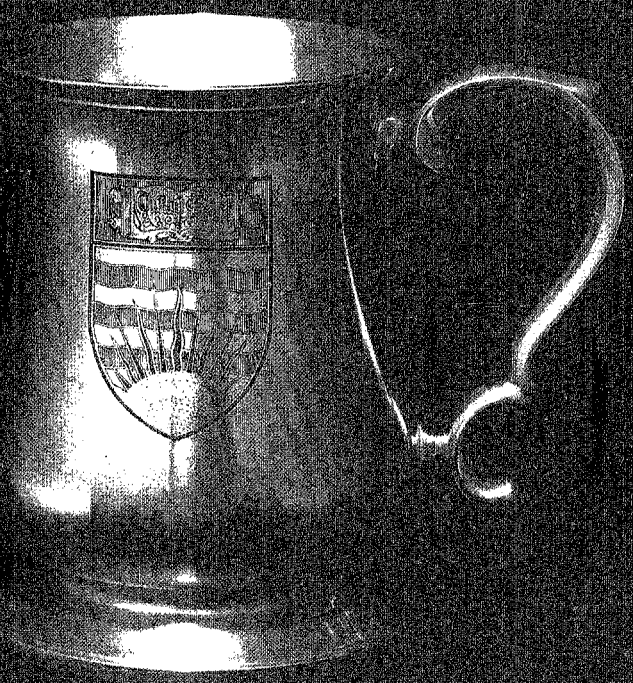

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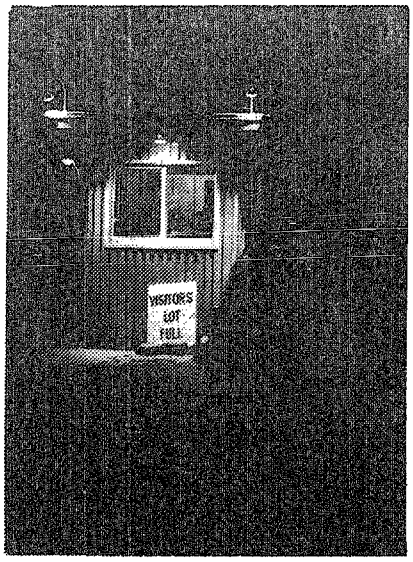
Order from the Alumni Association using enclosed prepaid postcard order form.

NIGHT PEOPLE

UBC reports

Published as a supplement to the UBC Alumni Chronicle by Information Services, University of B.C., 2075 Wesbrook Mall, Vancouver, B.C. V6T 1W5. No. 8, Winter, 1978. Jim Banham and Judith Walker, editors.

Five students explain why



The cover photograph on this *UBC Reports* supplement illustrates one fact of life at UBC — it's often as difficult to find a parking space on campus at night as it is during the day.

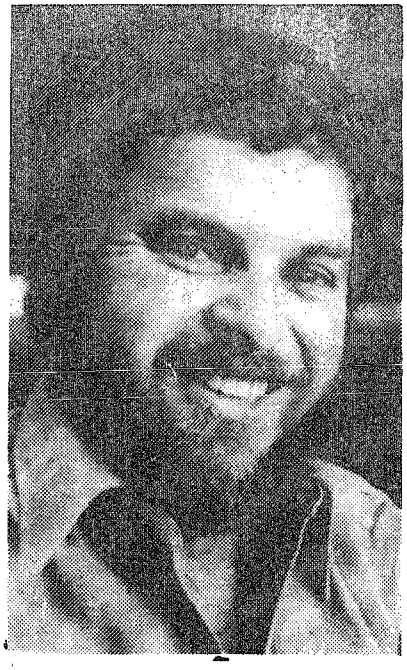
That's because there's an incredible range of activity taking place at UBC between sunset and daybreak, as we discovered when we started to put together this issue on the campus at night.

On this page and the one opposite, five students tell why they come to the campus for night credit courses.

On pages 4 and 5 we list some of the campus nighttime activities that are available to the public.

***UBC Reports* talked to a few of the 10,000 people who are taking evening non-credit programs offered by UBC's Centre for Continuing Education this fall. You'll find the article on pages 6 and 7.**

And finally, we conducted an informal survey to try to determine how many people use the UBC campus at night in a single year. An accurate figure is hard to come by, but we think the estimate will surprise you. You'll find the results on pages 8, 9 and 10.



Pictures by Jim Banham

JOHN LAMB

I graduated from the B.C. Institute of Technology in 1969 with a diploma in civil and structural technology. Right now I'm employed by the federal fisheries department as a watershed analysis technologist.

Why am I taking night courses at UBC? Very simply, I'm in search of a degree. The BCIT diploma was very useful in getting me established but as I got deeper and deeper into my work I found there was a lot I didn't know.

Eventually, you run into a knowledge barrier that slows down your career progression. I'm at that point now, even though I've taken night courses at BCIT and a correspondence course from the Canadian Institute of Science and Technology as well as some night courses at UBC.

I intend to complete my first year with a mixture of night and day courses to get back into the study pattern and after a year of indoctrination, if you want to call it that, to return to a program of full-time study during the day and complete my degree in two or three years.

My wife graduated from UBC in 1971. She's a school teacher and that makes it financially possible for me to return to studying. We've only been married about a year, but even if I was single I think I would have decided to go on with my education.

I've always had a long-term goal to complete my education and I feel quite confident I can do it. I'm looking at a five-to-six-year effort, the last three years on a full-time basis.

DEBBIE SMITH

I've been at UBC for three years, including one year in Commerce. I've decided to take a year out — I've got a job as a typist — but I want to keep up my study habits because that's an important consideration when you return.

I want to get into some other activities as well...playing the piano, for instance...some things outside the University for personal development.

I'm going to take a psychology course at night because I have to have an elective to complete my degree. If I came back to UBC this year as a daytime student, I wouldn't be able to fit it in because of all the other courses I have to cram in.

On the whole I've enjoyed going to UBC — except for the first year. It's so different from high school. The campus is so vast and there are so many people. But as time goes by you settle down and get to know the place better. You make friends and it gets better as you go along.

No, I don't expect I'll have any problems taking a night course. I'm only taking one instead of five, which is a normal load for a daytime student. It won't be onerous at all.

they're taking UBC courses at night

DICK BILLINGSLEY

I had a couple of years at UBC in the 1960s, but I don't aspire to a degree by taking courses at night. A lot of things you do in life don't require a degree, just a lot of hard work. I think the self-discipline necessary to get a degree is very helpful — more than the degree itself.

My motivation in coming is purely intellectual. This year I'm planning to take a course in computers because they've become so important in life and I want to know what makes them tick. I'm also going to take a French course because I feel it will be easy and a springboard to other languages I may study later.

I'm a stockbroker who's happy in his work and interested in expanding his intellectual horizons. If I wanted to pursue courses in my own business area I'd be into psychology and things like that.

The reason I come to UBC is because I live close by. I find UBC has always been aloof to the needs of the general public in terms of night programs. Simon Fraser, BCIT and the Vancouver School Board all offer a tremendous range of night programs.

If I lived closer to SFU, I think I'd go there for night courses. They offer a greater number of programs and they're of short duration...on a semester basis. The costs are about the same as those charged by UBC.

But I like UBC. It's a good place and I know I'm going to enjoy the courses I'll take this year. Quite apart from learning something new it provides an opportunity to meet new people outside my own everyday world.

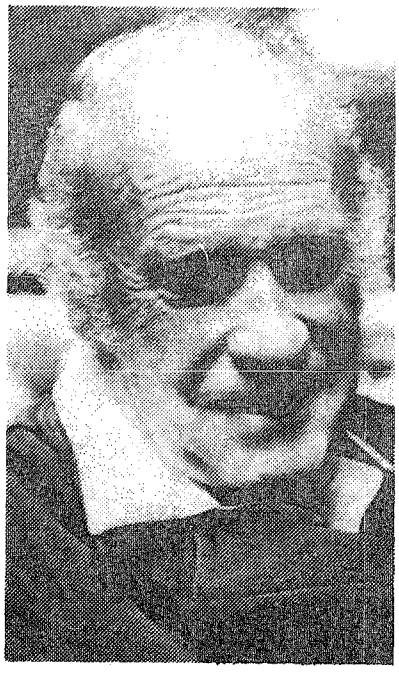
JODY SMITH

I had one year at university at Western Ontario and now I live out here on the West Coast with my parents. I'm a receptionist in a law office downtown. I said I'd give myself six months on the West Coast, but now I'm in love with B.C. I'm an outdoors person and I like the mountains and the water. The people are really friendly here and I've made lots of friends.

I always intended to continue my education, even when I made a decision not to go back to Western Ontario after completing my first year. Everyone said there's no way I'd return to school when I had the freedom of a job and the money that goes with it.

But I always intended to continue my education. This year I'm taking two French courses — one in the language and another in literature. I don't think it will be difficult coming out here at night for lectures. Since I got a job with a legal firm, I've become interested in law. I may decide to study it full-time when I've got my B.A. But if that's not possible I won't be disappointed...I'd simply like an education.

There really is a difference between working and being paid and working and getting an education. I know I really put my heart into the academic side of it.



GEORGE McKEE

I was a student here at UBC in the 1930s. It was hard going in those days, so I went to sea, saved enough money to take a year at UBC, and then I'd ship out again for two or three years to save money.

I was at sea throughout the Second World War. When it ended I came back to UBC and completed my Bachelor of Commerce degree in 1946. After graduation I taught in the government navigation school in Vancouver and wound up as general manager of the Shipping Federation of B.C. I retired three years ago and live in Sechelt now.

Along the way — mostly since the war — I learned to speak Spanish. I took courses...picked it up as I went along...visited a Spanish-speaking region every year.

For the past three years I've been teaching Spanish at night school in Sechelt. Now, I'd like to introduce a little different approach to what I'm doing up there. Many of the people who want to learn the language aren't interested in learning it thoroughly. They want it for use on vacations or with relatives and friends.

So I've come out here tonight to see if there's a course available that I can use in my teaching. Some of the things that are done out here may be useful in developing a shorter course in capsule form.

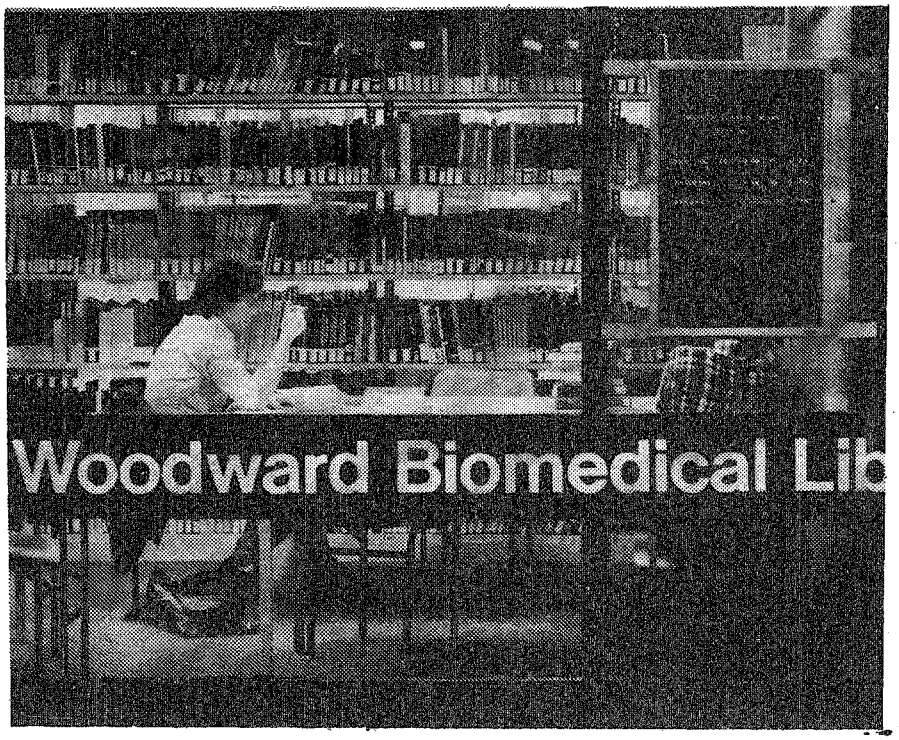
If there's nothing available, I'll sign up for a night course in Spanish anyway. It can't do me any harm.

Come out and see us some night

Some night this winter, in fact any night this winter, try visiting the UBC campus for a change of pace. Chances are, you'll find something going on that will interest you.

It will save you a lot of time if you'll call during the day to find out what is on that particular night. The Office of Information Services (228-3131) will be glad to tell you what's scheduled or direct you to the appropriate department for information.

Maybe you've been thinking about taking a credit or non-credit course in some area that's allied to your work or just out of plain intellectual interest. The Office of Extra-Sessional Studies (228-2657) can tell you about upcoming credit programs and advise on enrolment eligibility.



Pictures by Jim Banham

The Faculty of Commerce and Business Administration runs a varied group of credit and diploma programs as well as seminars that deal with special topics. Call 228-3200 for information.

And the Centre for Continuing Education will be glad to put you on their mailing list for a publication that lists their wide range of day and night non-credit courses if you call 228-2181.

UBC can satisfy your intellectual needs in other ways, however.

Lectures, for instance. On many nights of the week, someone is talking about something to an audience. On Saturday nights, the Vancouver Institute meets in the Woodward Instructional Resources Centre to hear a talk by a distinguished speaker. Again, Information Services (228-3131) will be glad to provide details.

UBC's Museum of Anthropology is open on Tuesday nights until 9 p.m. and admission is free. In addition to housing a magnificent collection of totem poles and artifacts of the Indians of the Pacific Northwest, there's usually a special exhibit dealing with another culture. The museum also runs a Tuesday-night film series on topics in the field of anthropology. Call 228-3825 for information.

If your tastes run to the arts, you have a choice of music, dance, theatre and cinema.

The music department sponsors regular evening performances during the winter by a wide range of musical groups, including string quartets, brass and wind ensembles, choral and opera groups and even a full symphony orchestra. Call 228-3113 for details.

If you like to dance, the International Folk Dance Club meets Wednesdays at 7:30 p.m. at International House. Traditional dances and steps from many different countries are taught on a beginners and intermediate level. Not for spectators, however. You'll be expected to participate. Call 228-3653 for information.

The theatre season at UBC centres on the Frederic Wood Theatre, which also houses the Dorothy Somerset Studio. The Freddy Wood stages at least four major productions a year. Upcoming are *Three by Beckett* from Jan. 10 to 20, and Shakespeare's *All's Well that Ends Well* from Feb. 28 to March 10. The Dorothy Somerset Studio specializes in experimental drama and student productions. For ticket reservations and information, call 228-2678.

Cinema at UBC is largely a student-run effort. Each year, Cinema 16 presents a fall and spring series of films by a particular director or on a single topic. No single admissions are available; you have to buy a pass for the entire series. Call the Alma Mater Society business office (228-2901) for a brochure about the upcoming series. Tickets and brochures are also available at Duthie Book Stores in Vancouver.

If you're athletically minded, you can be either a participant or a spectator.

There's public swimming at the Aquatic Centre's indoor swimming pool every night of the week. Or maybe there'll be a swimming and diving meet on. Call 228-4521 for information.

If you'd like to go ice skating, call 228-6121 to find out about public skating hours at the Thunderbird Winter Sports Centre. You can inquire about the possibility of renting squash and handball courts at the sports centre by calling 228-6125.

As a spectator, you'll have your choice of watching ice hockey, basketball and wrestling in the new year. The UBC athletic office (228-2531) will be glad to tell you what's on any night of the week.

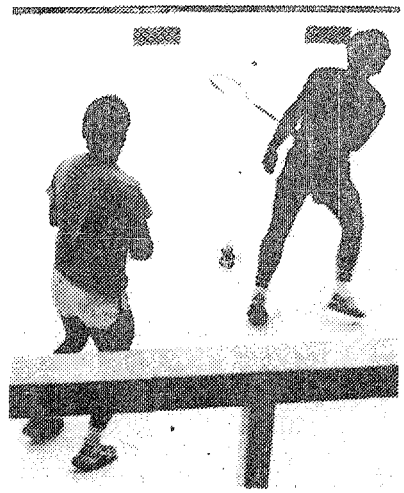
Or maybe you're just a curious soul and have been wanting to look up the latest information on some topic that interests you. UBC has professional librarians working at night. They'll be glad to point you in the right direction. You can have access to anything in the UBC library system free of charge if you use it in the building. If you want to take books out, you'll have to purchase an extra-mural library card for $25 a year.

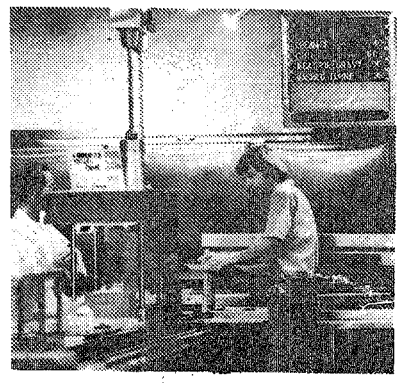
Remember, however, that UBC has a decentralized library system. You'd be wise to call the library's information desk (228-2077 or -6375) to find out which library has the material you're interested in. It could save you a long walk around the campus at night.

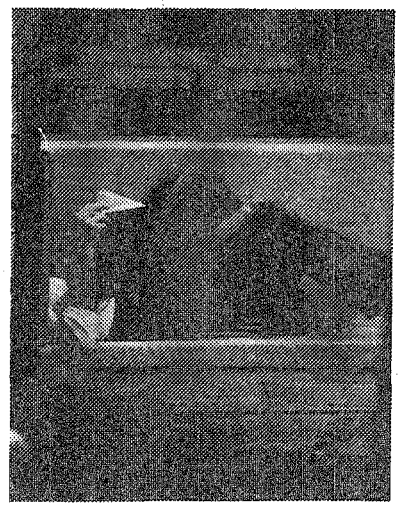
The Sedgewick Library houses the Wilson Recordings Library, which has a vast collection of classical music, jazz and spoken-word records. It's open Monday through Thursday until 9 p.m. You can play any record you wish free of charge at one of the 80 or so headphone-equipped listening stations in the Wilson library, but if you want to take the records home with you there's an annual fee of $25.

You can even feed the inner man on the campus at night. The cafeteria in the Student Union Building is open until 9 p.m. most nights and the coffee shop adjacent to the Bookstore is currently open on a trial basis until 11 p.m. UBC's food services department can provide hours of opening on any particular night if you call 228-2616.

And finally, if you run into trouble on the campus at night — if, say, you lock yourself out of your car or the battery goes dead, or you left a watch in a washroom — go to the nearest phone and call UBC's traffic and security department at 228-4721. Our trusty patrolmen, who are on duty 24 hours a day, will do their best to get you back on the road or retrieve your lost property.







People of all ages, walks of life register for non-credit UBC courses

This fall nearly 10,000 people registered for close to 300 courses offered at night by UBC's Centre for Continuing Education, courses which range from brass rubbing and foreign languages to assertiveness training and the care of house plants.

The people taking them are teenagers, pensioners, and every age in between; they are engineers, bus drivers, secretaries, students and teachers. They come from all over the Lower Mainland, and their reasons for going to night school are as varied as the courses themselves.

UBC Reports talked to some of them to find out who they are, why they are taking courses, and what they hope to get out of them:

Jacqueline Walisser is a 14-year-old junior high school student in Burnaby. Every Tuesday evening she goes to the Vancouver Public Aquarium for a lecture on the Biology of Whales, sponsored by CCE in co-operation with the aquarium. "It's kind of hard to get there because I still have homework to do and I live in Burnaby, but I don't mind," she says. "I really like whales, especially the killer whales at the aquarium, and I want to become a biologist. I thought the course would be really neat to take, and it is very interesting."

Among the more than 100 other people taking the biology of whales course are brothers Robert and Richard Calderwood. Richard is a biology teacher and Robert is a chemical treater at a large chemical plant. This is the second course Robert has taken at the aquarium: "I'm a member of the aquarium and I'm interested in that sort of thing. I work shift, so it is hard to find night school courses that fit in, but this one was OK. I'm finding it very interesting."

Marie-Francoise Guedon is an anthropologist and an assistant professor in UBC's anthropology and sociology department. She is taking the same course because: "I want to learn. Professors are supposed to teach, but I wanted to study too. So I went through the list of all the courses offered by Continuing Education. I don't have that much time, and by taste and by profession, I am interested in biology, marine biology especially. So I decided to refresh my memory in that area." Ms. Guedon said she plans to try to take a course every year: "Last year was my first year at UBC and I had too much work to take courses; I teach in the evenings sometimes too. I'd love to attend courses given by my colleagues during the day, but it's worthwhile to take classes in other disciplines too. It keeps you open."

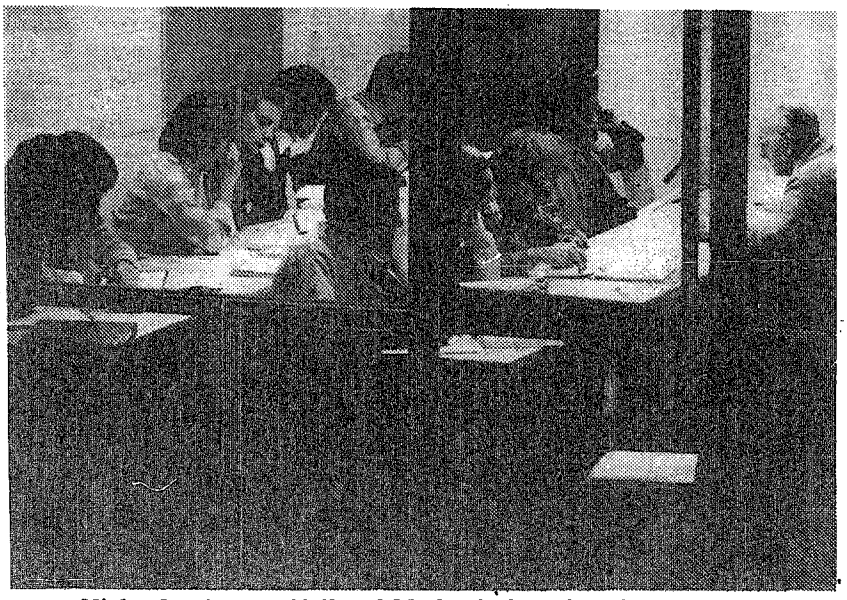
Trish Baer is arts and crafts project co-ordinator at a veterans' hospital in Burnaby. She is taking a course in formal lettering given by Chuck Yip, one of Canada's foremost calligraphers. Mr. Yip says most of his students are motivated by a desire to improve their handwriting, but for Ms. Baer, the formal lettering "comes in handy at work now and again."

"I occasionally have to make signs, calendars, and that sort of thing. I took a bit of Gothic lettering in high school and found it useful, especially when I worked in advertising. This is something I've always wanted to do." Ms. Baer plans to use her new skill — based on early Roman cursive script — for Christmas cards this year. She says she is also taking a pottery course, and usually tries to take two courses every year, pottery and one other. Last year, she took a series of lectures in medieval art.

Another popular course this fall is Basic Library Skills for the Genealogist. Tom Warren, president of the Family History Association of Canada and course instructor, says: "We get everybody from 14-year-olds to people in their late 70s, people from all walks of life, all backgrounds, people with elementary educations and some with doctoral degrees. They all have one thing in common — a personal interest in their family history." For Mr. Warren, as an instructor, the diversity of people who take the course "is in itself fascinating." In common with most of the other course instructors, Mr. Warren, a Vancouver businessman, derives great personal satisfaction from teaching his specialty.

"It's a fascinating hobby. It helps people in many ways, it pulls families together. We (the association) are interested in promoting genealogy as a hobby because we love it."

Denes Devenyi, a professional engineer who teaches photography at night school, shares a similar feeling about his subject. "I've made something of a mission of it," he says. This is the eleventh year for his course, The Photographer's Eye, and he has taught more than 1,500 students. "Because I have an engineering back-



Night class in new Civil and Mechanical Engineering Building

Pictures by Jim Banham

Pictures by Jim Banham

Enthusiastic French teacher emphasizes a point for his night school class

ground, I find it necessary for my own sake to enlarge my experience and look at the other side of the world, the creative side. Not being able to paint, or draw, or sing, I decided to enter photography. Eventually, it became not only a little distraction, but a very important part of my experience. It also makes me a better engineer."

Mr. Devenyi feels very strongly about sharing this creative outlet with others. He was nine when he got his first camera, and says: "I cannot think of any other gift that could have had such a profound influence on my life.

"A life without creativity is a very boring, very frustrating, perhaps even a dangerous life. Something like five per cent of people have the talent to be creative. They don't need my help. But with photography, there are potential benefits for anybody — it is the only opportunity the other 95 per cent of us have to be creative."

Those taking his course share his enthusiasm. Said one student: "I have tried other things, such as sports and other activities — but this has not released any creative feeling from myself. I have perhaps jogged around Kitsilano Beach Park as many as 300 times, maybe 900 miles around the park. But I had never actually seen it. It was only when, for an essay for my photography class, I picked up a camera that I actually saw that park. In about three hours, I felt that I got to know more about Kitsilano Park than I had in years of running around it."

Another popular course offered by the centre is Music and Its Possibilities, which teaches how to introduce children to a sense of rhythm and movement through fantasy games, exercises and stories. Instructor Helen May Gruft, who has taught the course for nine years, says she is attempting to "teach how to take music a step further so that it becomes an integral part of a program."

Many of her students are pre-school teachers working towards a certificate in early childhood education, and, says Ms. Gruft: "I love working with people. I feel that people interested enough to take a night school course have a need I can fill."

Her students agree. Polly Evenden, a pre-school teacher, is taking the course because: "I need to improve my music skills. Helen has a good understanding of pre-school age children. I need help with the music section of my program. I want to know how to do it, and Helen can tell me."

Elaine Seeley, another pre-school teacher, echoes her sentiments: "I consider myself a very unmusical person. I've worked with pre-schoolers for many years and consider music and movement very important for young children. The only thing I can really do is sing, and I'd like to be able to do more with musical instruments and movement. I did a course with Helen May before (The Story and Its Possibilities) and really got a lot out of it. And this one also seems very useful."

Janet Saunders, another pre-school teacher, is also taking the course to develop skills in teaching young children music and movement. "Helen May seems to be the person with expertise in that field and the course is really good," she says.

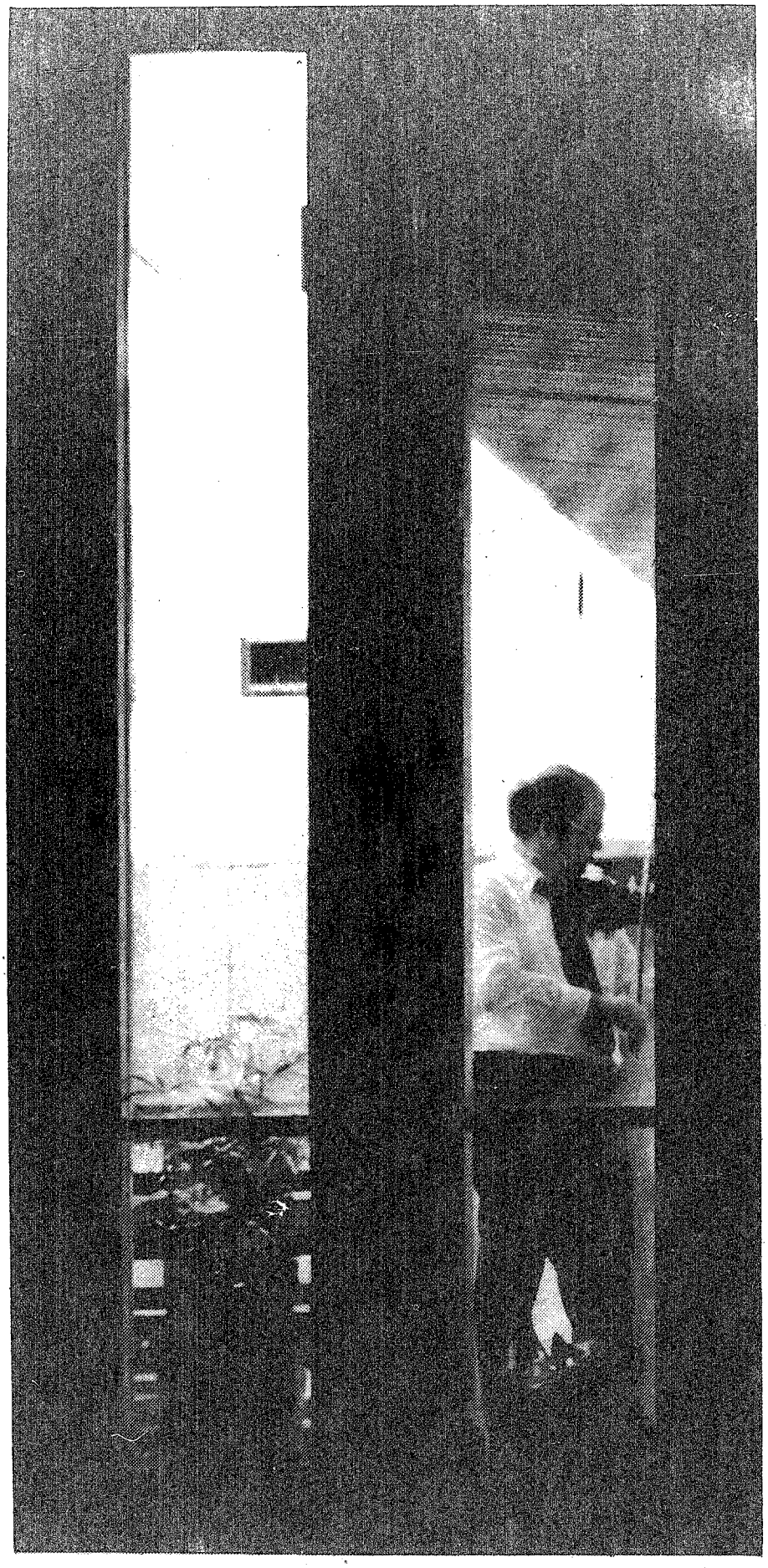
The Centre for Continuing Education also offers courses in co-operation with the UBC Women's Resources Centre, and one of these, Developing Potential for Growth and Change, is so popular that women often have to put their names on a waiting list to get in. Clare Buckland, Ed.D., who is in private practice as a consultant, has been giving the course four or five times a year since 1971 with different co-teachers.

Ann Sylvan, a student in her last year of architecture at UBC, is one of those taking the course. "This course is back to the three Rs of communication," says Ms. Sylvan. "It's illuminating things I've thought about but haven't done anything about. I've been very directed and very focussed on one set of things for a long time. I've felt very cellular.

"It's nice to be exposed to people who haven't the frantic edge people have around here. There is such a cross-section of ages, priorities and occupations. It's very refreshing, very supportive, comprehensive and positive, with the emphasis on positive."

One of her classmates is Jeune Williams, a secretary who says she "would like to get into something else." She is taking the course "because I want to grow and set some goals in life.

"When I was younger, there weren't all these courses," says Ms. Williams, who usually takes a night school course: "quilting, copper tooling, barber shop quartet, anything that grabs me." She says she finds the growth and change course "very useful, very interesting and very informative."



Our guess

How many people work, study, attend cultural events and use recreational facilities on the UBC campus at night in a single year?

We'd like to be able to give you precise figures, but that's virtually impossible.

No one, for instance, counts the number of students and members of the community at large who use libraries, attend free lectures, concerts and sports events, and attend a wide variety of other functions such as meetings and banquets.

And any guess we might make would be open to suspicion on the grounds that we were counting noses more than once. The student who is studying in the library on Monday night could well be the same one who plays an intramural hockey game at the Winter Sports Centre on Wednesday and shows up on Saturday night for a Vancouver Institute lecture in the Woodward Building.

Okay, we'll go out on a limb; we're prepared to bet you the figure has to be close to 1,000,000. Just don't try to pin us down.

What follows are facts and estimates that bear on that figure, which result from an informal survey carried out by *UBC Reports* writers.

UBC's **Office of Extra-Sessional Studies,** which arranges evening credit courses for students working towards a degree, says 6,943 people come to campus every week for lectures. At least 353 instructors are hired to teach them.

UBC's **Centre for Continuing Education** offers some 300 non-credit courses and programs and hires 530 instructors and resource persons to teach them. The centre estimates it will register between 9,500 and 10,000 persons this fall for its offerings. The majority of the centre's programs are held in the evening at on- and off-campus locations.

The **Faculty of Commerce and Business Administration** also has an active night program, which includes courses in real estate and others leading to a variety of diplomas. In addition, the faculty has a growing nightime program for students who want to obtain a Master of Business Administration degree. Faculty officials estimate that some 5,400 students will go through these programs in the current winter session, some 4,000 of them in the diploma division alone.

UBC's **Department of Physical Plant** has a night staff of more than 250 persons who work the afternoon and graveyard shifts. By far the largest number are some 245 men and women who perform janitorial services — cleaning offices and scrubbing and polishing floors. Rooms used for night

llion a year use campus

classes, libraries and sports facilities are cleaned by a 74-person graveyard shift after users have departed for the night.

Three tradesmen — a plumber, an electrician and a truck driver — are on duty until midnight to look after emergency problems. And there are always three people on duty in UBC's powerhouse on a round-the-clock basis — two stationary engineers who run the power plant and a maintenance engineer who handles trouble calls.

During the winter session, most **UBC libraries** are open until 11 p.m. Monday through Thursday and on Sundays from 12 noon to 11 p.m.

More than 40 people man the library system at night — six to eight professional librarians, 13 library assistants and 22 student assistants, who do everything from answering questions by students and other people who need help locating material to reshelving and checking out books.

Another UBC department that operates on a round-the-clock basis is **traffic and security.** There are usually six patrolmen on each of the overnight shifts. They concentrate on traffic control until after night classes are over and then turn their attention to building security.

Two vehicle patrolmen and four foot patrolmen check parking lots and buildings for open doors and windows and keep their eyes and ears open for fires, equipment breakdowns and things that go bump in the night. Two security guards are on night duty at the Museum of Anthropology.

UBC's three major residences — **Place Vanier, Totem Park** and **Walter Gage** — each have a resident attendant on overnight duty to man reception areas, handle telephone enquiries and medical and other emergencies, such as overflowing toilets. Their duties also include security checks and some administrative tasks.

About 100 people work the afternoon and graveyard shifts in UBC's two campus hospitals — the **Psychiatric Unit and the Harry Purdy Extended Care Unit.**

Evening shift workers number 73 — 29 nurses, 24 psychiatric and nursing aides, 10 members of the housekeeping staff, six food service employees, and four members of the clerical staff.

Overnight 33 persons man the two hospital units — 15 nurses, 15 aides, two members of the housekeeping staff and one member of the clerical staff. In addition, one or two residents or interns are on duty and the evening hours also see a number of volunteers in the hospitals to provide small, but essential, services to patients.

There can be up to 75 people employed nightly on the UBC campus providing food and beverage services.

The **Faculty Club** has a basic staff of a dozen people, which doubles in number for regular banquet and club functions. The **Thea Koerner Graduate Student Centre** next door has an eight-member basic staff and anywhere up to 25 on nights when there are special functions and banquets and dances.

The **cafeteria** in the **Student Union Building** is open for evening meals and snacks until 9:30 p.m., staffed by a short-order cook, a cashier and clean-up person.

The **coffee shop** adjacent to the campus Bookstore has been providing a trial-basis service until 11 p.m. since mid-November. A staff of six serve evening meals and snacks to campus nighthawks.

The Pit, the campus pub in the basement of the Student Union Building, employs an average of 15 people nightly to wait on tables and provide food to students and their guests and faculty and staff members.

UBC's **Computing Centre** is open 24 hours a day and literally hundreds of people are in the building between nightfall and daybreak. A dozen card-punching machines are available to students 24 hours a day and a centre official estimates that about 50 people come to the building to use the computer between midnight and 8 a.m.

The total number of persons who

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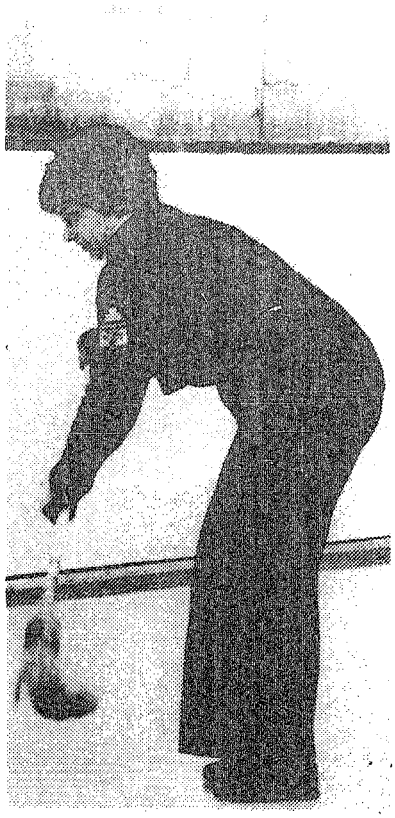
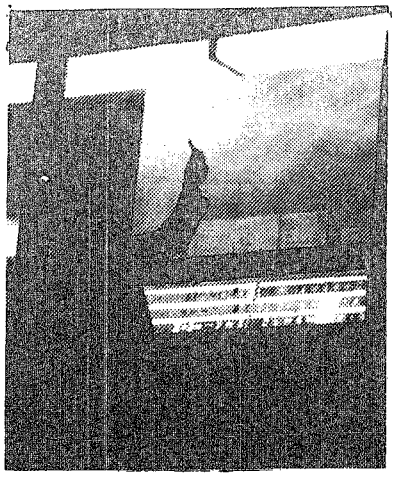


Night sweepers in the Thunderbird Winter Sports Centre above, and in UBC's Main Library, below



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tap into the computer overnight is almost impossible to estimate, since many use remote terminals scattered all over the campus. The centre employs two to four computer operators overnight.

UBC sports facilities are heavily used at night for competitive and recreational purposes.

The **War Memorial Gymnasium** is reserved for Thunderbird basketball and volleyball practices Monday through Friday. League games for both men's and women's teams occupy most of the evening hours on weekends. Night intramural games are scheduled into the gym when it's not in use by UBC's senior teams. The weight lifting and circuit training areas of the gym are heavily used for individual, unorganized activities.

The new covered pool in the recently completed **Aquatic Centre** (see page 14) is open every night for public swimming and on some days you can swim until past midnight.

A few hundred yards to the south, the **Thunderbird Winter Sports Centre** and the **Robert Osborne Centre** for physical education (recently renamed to honor the former head of the School of Physical Education and Recreation) on Thunderbird Boulevard are hives of activity, often into the small hours of the morning.

Two gyms in the Osborne Centre are used until midnight for basketball, volleyball and badminton by intramural teams or by teams organized through Recreation UBC. In the same complex, a gymnastics gym and one with a special floor for wrestling, fencing and dance are used five nights a week until 11:30 p.m.

Three ice surfaces in the Thunderbird Winter Sports Centre next door are in use until midnight Sundays through Thursdays and around the clock on Fridays and Saturdays. On weekends, hockey players use the rinks until 4 a.m. There is public skating on Friday and Saturday nights on one of the ice surfaces.

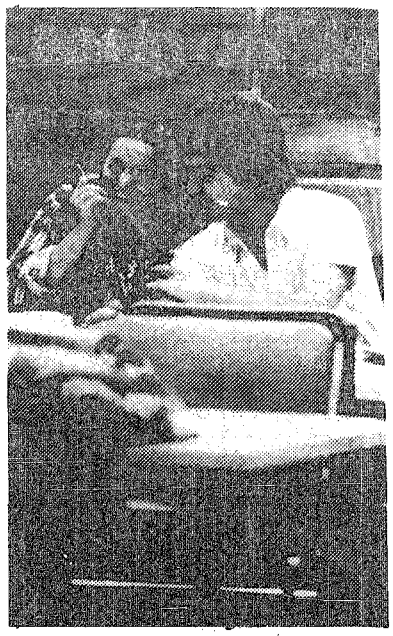
In the same building, curling rinks and squash and handball courts are in use non-stop until 11 p.m.

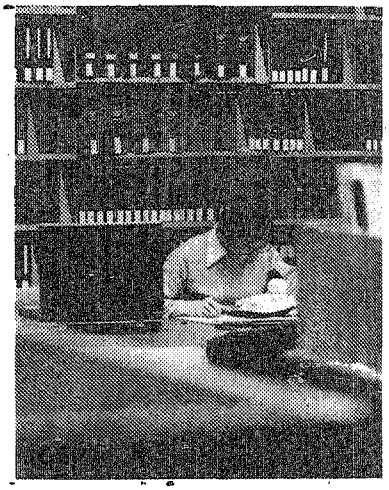
Little attempt is made to keep track of the number of people who use the winter sports centre, but officials estimate that more than 200,000 people use the facilities annually. In a typical week in October, the number of people using the War Memorial Gym and the Osborne Centre nightly varied from 160 to 380.

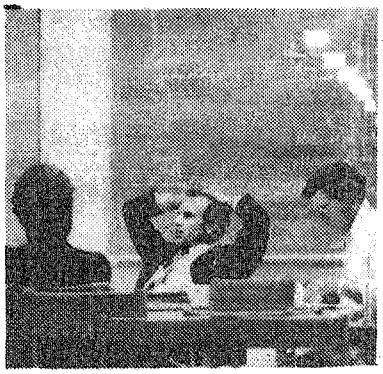
TRIUMF, the cyclotron located on the UBC campus operated by UBC, Simon Fraser University and the Universities of Alberta and Victoria, is on a round-the-clock schedule. In addition to a maintenance staff of three persons on each night shift, there are usually 10 to 15 scientists in the building every night of the week conducting experiments on the nature of atomic structure and new-particle identification.

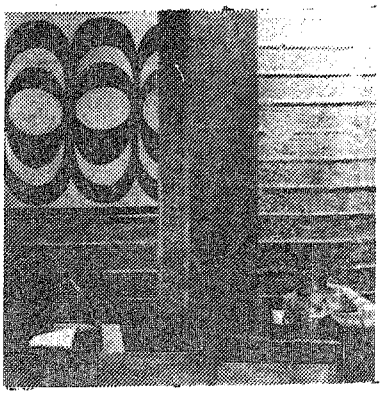
Cecil Green Park, part of which houses the offices and staff of the UBC Alumni Association, is also used for evening events by University and community organizations. Saturday nights are currently booked one year in advance and the month of December was booked solid by mid-October.

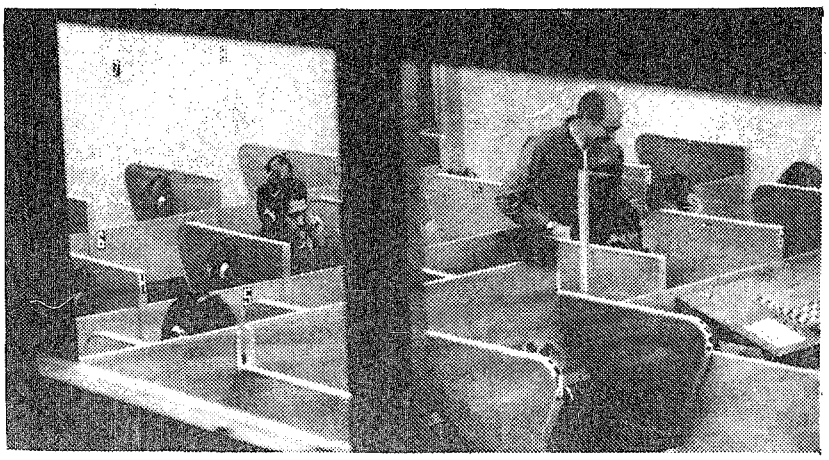
Seventy-four wedding receptions and 148 other parties and functions were booked in 1978. On Thursday and Friday nights the Young Alumni Club and guests have the run of Cecil Green Park.











Pictures by Jim Banham

Among the nearly 3,000 University and community friends of Walter Gage who attended memorial service for him on Oct. 10 in UBC's War Memorial Gym were his 103-year-old mother, Mrs. Ann Gage, and his sister, Mrs. Elsie Harvey.

Picture by Jim Banham

UBC says goodbye to Walter Gage

Nearly 3,000 members of the University community and other friends of Walter Gage gathered in UBC's War Memorial Gymnasium Oct. 10 for a memorial service for the man who was "Mr. UBC" to generations of students and colleagues.

The death of Walter Gage from cancer on Oct. 3 at the age of 73 ended a 57-year association with UBC that began in 1921 when he enrolled as a freshman student.

UBC alumni and other friends of Dr. Gage who wish to make gifts to the University in his memory should direct them to the UBC Alumni Association. Before his death, he indicated an interest in supporting the Crane Memorial Library for the blind, where he spent many hours recording textbooks and novels after his retirement as president in 1975; the UBC Press; and "student projects with academic components involving merit and initiative."

Cheques should be made payable to the University of British Columbia, with an indication of the project they should be directed to.

Here are some excerpts from the addresses given at the memorial service for Dr. Gage.

PRESIDENT DOUGLAS KENNY: "Of all who have served this academic community, Walter Gage has been the most widely loved and respected and his passing leaves us with the greatest sense of grief and loss...There is a golden thread running through the whole fabric of his endeavor and illuminating every fold, an unbroken total commitment to the welfare of the University and all its members, a total indifference to awards, honors or recognition for himself....

"Above all, he showed that in an increasingly mechanized world, an increasingly impersonal net of communication and an increasing tendency toward confrontation, it is still possible for simple, straightforward goodness of heart, combined with a clear mind and firmness of purpose, it is still possible for these to prevail. He has left us an ideal that he alone could realize, but which all of us may in some measure seek to emulate."

ALLAN M. McGAVIN, CHANCELLOR EMERITUS OF UBC: "Sitting in this hall today are those who were his students; the parents and children, perhaps the grandchildren, of his students; his colleagues and friends; those who worked intimately with him, who followed him with conviction in a common cause — the prospering of the University; some who did not know him but who, inevitably, know of him, and are familiar with the legend....We have all, every one of us, been affected by him. We have all experienced the magic of the Age of Gage. And we rejoice; we rejoice in our own good fortune and in the accomplishments of a great man. Our loss is irreparable."

NATHAN NEMETZ, CHANCELLOR EMERITUS OF UBC: "He was magnificent in his person and his accomplishments. Deeply loved for his cheerfulness, his kindness and his superb teaching, he had yet another quality — his devotion to duty....The prophet Micah must surely have had a man like Walter Gage in mind when he said: 'And what doth the Lord require of thee, but to do justly, and to love mercy, and to walk humbly with thy God.'"

DOUGLAS ALDRIDGE, president of EUS and AMS during Walter Gage's presidency: "I believe that while Wally realized that a pleasant environment was important to the University, he also realized that its greatest strength was the individuals that make up its community. He tried to help as many of these as possible and often watched while his efforts were multiplied many times over by a grateful recipient. That is the way Walter's influence was carried beyond the gates of UBC....I don't recall him expressing real anger about student activities. Instead, his most devastating comment was 'I'm disappointed.' Knowing you had shaken his faith in UBC and its students was enough to make you re-evaluate your own method and goals."

PROFESSOR EMERITUS OF ENGLISH WILLIAM ROBBINS: "He was a man of extraordinary energy and efficiency...a superb teacher, inspiring the brilliant few and encouraging the struggling average....He was a mathematician with published papers to his credit and a zest for his chosen field of study. But that same zest extended into a grasp of the workings of science, and an insight into the nature of the arts.

"...in the intense pain of a lingering illness he showed a courage and a patience, a stoical determination still touched with the old wit and humor, that stirred in those who nursed him a sense of wonder and a feeling of affection.

"When these powers of intellect and imagination and character appear in one man, one cannot help trying to identify a quality of greatness. But rare as the creative blend of such powers is, the quality of greatness in Walter Gage is rather this, that he had so much to give and gave of himself so freely and fully. From this generosity of mind and spirit we have a vision of what our common humanity, at its best, can be. That is his legacy and his memorial."

President's contract extended

The University of B.C.'s Board of Governors announced on Nov. 7 that Dr. Douglas Kenny had agreed to a three-year extension to his present five-year contract as president of UBC.

President Kenny's decision to accept the extension will mean that he will continue to serve as UBC's president until July, 1983. His present five-year contract would have expired on June 30, 1980.

Board chairman Ian Greenwood said the Board "took great pleasure" in being able to announce that President Kenny had agreed to the extension. "I am personally very pleased that the Board and the University will continue to have the benefit of Dr. Kenny's expertise and leadership over the next five years," he said.

Mr. Greenwood said it was timely for the Board to consider an extension to Dr. Kenny's contract, which had just over a year left to run. He added that it was Dr. Kenny's preference that the extension should be for three years, rather than a longer period.

Dr. Kenny, a native of Victoria, became UBC's president on July 1, 1975, after a 25-year career as teacher, researcher and administrator. He holds the degrees of Bachelor and Master of Arts in psychology from UBC. He received his Ph.D. in psychology from the University of Washington in 1952.

Dr. Kenny joined the UBC faculty in 1950 and was named head of the psychology department in 1965. He became associate dean of the faculty of Arts in 1969 and dean of the faculty the following year. He served as dean of Arts until his appointment as UBC's president.

Dr. Kenny has been deeply involved in UBC affairs since joining the faculty. He is a former president of the Faculty Association and served on a number of key University and Senate committees before becoming president.

As a teacher and researcher in psychology, his interests lay in the areas of personality and learning, developmental psychology and patterns of child development.

Dr. Kenny was a member of the Canada Council from 1975 to 1978, when he was appointed for a three-year term to the new Social Sciences and Humanities Research Council, which makes grants to assist scholarship and research in the humanities and social sciences.

An interview with President Kenny

UBC's president, Dr. Douglas Kenny, is now in his fourth year as the University's chief executive officer. Recently, he took time out from his busy schedule to talk to *UBC Reports* about the problems and prospects facing the University in 1978.

UBC REPORTS: How would you describe the state of the University at this juncture in its history?

PRESIDENT KENNY: UBC, like other major universities in Canada, finds itself in a situation that is the result of the tremendous expansion of higher education since the Second World War.

While Canadian universities responded well to rapidly increasing enrolments and the need for new buildings and other facilities, the upshot has been an unevenness of quality in most Canadian universities. We're simply not able to offer the overall high quality of education that our students demand and which I think Canadians have a right to expect.

UBC REPORTS: How has this manifested itself at UBC?

PRESIDENT KENNY: In some areas of great strength that are as good as anything you can point to in Canada...and some remarkable pockets of weakness. The central problem for this University in the years ahead is finding the resources to strengthen existing departments and faculties that have never had the basic resources to offer education of the highest quality.

However, I want to emphasize that in a time of financial uncertainty it is vitally important that the strength of existing areas of excellence within the University be maintained.

UBC REPORTS: You don't see new programs and innovations as the central issue for UBC in the future, then?

PRESIDENT KENNY: That's important, but not paramount, in my mind. Universities always have to be alert to new opportunities to expand their offerings and research to meet the needs of the economy.

Let me give you one example of that — we've made a proposal to the Universities Council for establishment of a coal research laboratory at UBC. B.C. is very rich in coal resources and a lot of work needs to be done in developing new techniques for utilizing this resource, which will be of growing importance as the energy crisis deepens.

But I want to emphasize again that I don't regard this kind of expansion as UBC's major challenge. Our priorities have to be the strengthening of our existing framework of departments and faculties.

The commonest plea I have in this office from deans and department heads is money to add new faculty members, who will be able to expand the existing offerings of the University. The second most common plea is money to purchase additional supplies and new equipment. The cost of supplies for science labs has escalated in recent years and many departments are barely holding the line in terms of quality. Much of the equipment in our research labs is obsolete and needs to be replaced immediately.

UBC REPORTS: The University received an increase of nearly 10 per cent this year in funds for operating purposes. Has this increase enabled you to provide some relief for these problems?

PRESIDENT KENNY: Only in a minimal way. It's been a very small step forward in terms of new programs and strengthening existing departments. If you talk to deans, department heads and faculty, they'll tell you the increase was so minimal that it's very hard to detect.

One of the hardest hit divisions of the University outside the faculties has been the library, which is having the greatest difficulty coping with inflation and the devaluation of the dollar. Last year, the Board of Governors approved a supplementary budget of about $487,000 for the library so it would not experience any loss in purchasing power.

But that only means the library is in an Alice in Wonderland situation...running faster in order to stand still. They simply don't have the funds to move ahead and build up collections in areas of weakness.

UBC REPORTS: What you've said so far implies that you believe confidence in higher education can be restored by improving the quality of education at the University?

PRESIDENT KENNY: That's exactly right. I firmly believe that Cana-

"The central problem for UBC in the years ahead is finding the resources to strengthen existing departments and faculties."

dians will be supportive of what happens at universities if every possible effort is made to improve standards and upgrade weak spots within the institutions.

And I think we've taken some steps in this direction. Senate, for instance, recently raised admission requirements for the University, which are being phased in over a three-year period. Entering students will have to prepare themselves for UBC by taking a more structured program in high school.

UBC has never lost sight of the fact that students, in order to graduate with a good degree, need major or core requirements. I think standards at some Canadian universities have declined in recent years because students are free to indulge in a "cafeteria-style" of education. All they need do is amass a certain number of credits to graduate. No attempt is made to give them depth and breadth of knowledge in a specific area of study.

UBC REPORTS: Is there anything else you can point to that's designed to improve standards?

PRESIDENT KENNY: Yes, there is. I said earlier that our primary goal in the immediate future had to be the strengthening of existing departments. Sometimes, however, the weaknesses are difficult to pinpoint and are known about only vaguely.

One of the ways of overcoming this knowledge gap, if I can put it that way, is through periodic reviews of departments and faculties. Departmental reviews have been carried out in a number of faculties and these have been very useful in determining areas that need strengthening.

Shortly, we will begin the first reviews of faculties as a whole. Committees are being formed to review the Faculties of Science and Education. They were chosen because, in the case of Science, Dean George Volkoff is retiring, and in the case of Education Dean John Andrews has decided that he will step down next June 30, but will remain a member of the faculty.

The reviews will be carried out by committees that will have as their members people from inside and outside the University. The committees will be asked to deal with such questions as: Is the faculty's curriculum contemporary and is it looked at periodically in a hard way with a view to revising and updating it?; Is the faculty adequately equipped to perform its educational function or is it slipping back in terms of basic needs?

These are the kinds of questions the committees will consider. Incidentally, I hope no one in either of the faculties to be reviewed will see the work of the committees as a threat. The intent is not inquisitorial; it's aimed at improving the quality of education.

UBC REPORTS: Can we turn briefly to a couple of matters raised this year by the Universities Council? They made the observation, in their annual statement, that UBC's operating budget seemed overweighted in terms of academic salaries. What is your reaction to that?

PRESIDENT KENNY: I simply can't accept that point of view.

Their statement could mean two things. If they mean we have too many faculty members, my reply is that on the basis of nationwide studies we've carried out, UBC is only average in terms of faculty-student ratio. I don't think that's good enough, and in our presentation to the council this year, we've emphasized the need for funds to hire additional faculty members to strengthen existing departments.

If the council means that we pay our faculty members too much money, I can only say that while our salaries are competitive, we don't overpay our teachers. As I've said before publicly, if the goal is quality education, we have to be prepared to hire first-class teachers and researchers. If we don't, we will have second-class education and I can't believe that's what British Columbians want.

There's something of a paradox in the council's statement. They're aware that when hard decisions have to be made about how money is spent at UBC, we opt to invest in the academic program. For the past six years, the Canadian Association of University Business Officers has collected statistics from the 23 largest universities in Canada on the percentage allocation of funds.

Every year, UBC has placed first in the percentage of funds allocated for academic purposes, and 23rd in terms of funds allocated for non-academic purposes. I think that's something we should be proud of, and I also think it speaks volumes about where this University thinks its priorities lie.

UBC REPORTS: Can you summarize UBC's goals and objectives over the next few years?

PRESIDENT KENNY: Well, I've tried to emphasize that our primary objective is to improve the quality of education across the board at UBC by strengthening existing departments and providing funds to strengthen vital support areas such as the library.

I think, too, that this university and others in Canada will have to respond to the recently announced goals of the federal government to further emphasize areas of research that are in the national interest.

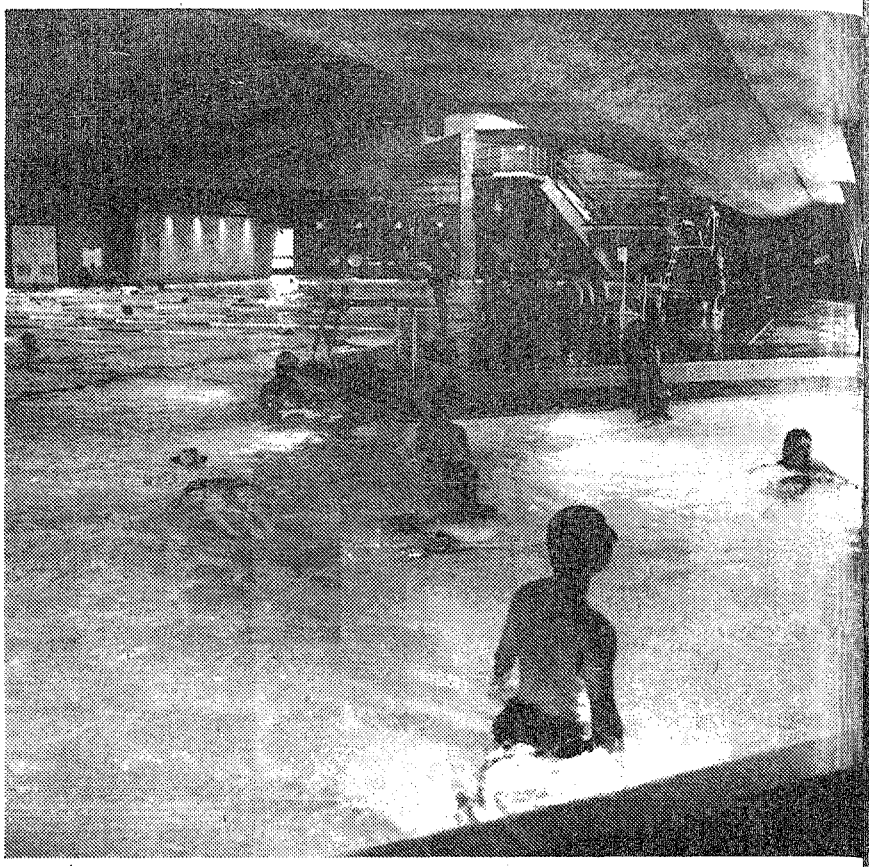
It seems likely that increased amounts of money will go into mission-oriented research. Now that course of action has its hazards, particularly if the federal government unilaterally decides which projects are important and which get funded.

University researchers have a significant role to play in identifying areas that should be of national concern. So I would hope that decisions about spending are made by government in consultation with the universities and industry.

I hope too that the federal government won't lose sight of the fact that mission-oriented research is vitally dependent on curiosity-based research, which is one of the primary functions of a university.

I think another issue Canadian universities will have to take a stand against in the immediate future is the tendency to make them increasingly provincially oriented, in short, parochial. This is largely the result of the federal government's withdrawal from the arrangements for providing operating grants for universities. There will be increasing pressures on the universities to reorient themselves to goals envisaged by provincial governments at the expense of national and international functions.

New Aquatic Centre more than just a swim pool



Varied configuration of UBC's new indoor pool provides shallow area for swimming lessons, foreground; marked lanes for recreational and competitive swimming, upper left; and deep water for diving at far end.

UBC's long-awaited Aquatic Centre was officially opened Sept. 27, three years and more than $5 million after the first sod was turned in the fall of 1975.

The new centre is much more than just a swimming pool: it is designed to meet the recreational, competitive and academic needs of UBC's students, faculty and staff; and to supplement existing pool facilities in the community. In addition, the John M. Buchanan Fitness and Research Centre at the pool offers exercise apparatus and fitness testing as well as reserach facilities for faculty and graduate students.

For the past 24 years, UBC's outdoor Empire Pool has been a less-than-adequate substitute for a year-round facility. Built in 1954 for the British Empire Games, it is only usable between May and September. UBC has been the only major university in Canada without proper swimming facilities and attempts to acquire them go back to 1921. With the opening of the Aquatic Centre — which incorporates the Empire Pool — it now has one of the best aquatic facilities in the country.

Jack Pomfret, associate professor of physical education and recreation and one of the people responsible for making the centre a reality, described some of the considerations that went into the planning of the new pool: "First and foremost, the School of Physical Education and Recreation has always needed a facility for an academic program to give a concentration in the aquatics area and meet the needs of the community for trained people."

The centre's academic possibilities are numerous: in addition to filling the needs of the physical education school, it has uses for other disciplines such as rehabilitation medicine in the areas of physiotherapy and work with the handicapped, and in science for teaching scuba diving techniques to future oceanographers and marine biologists.

For competitive swimmers, the centre has everything: the new pool has eight 50-metre lanes, eight 25-metre lanes and six 25-yard lanes. There are two one-metre diving boards, two three-metre diving boards and one five-metre diving platform. The Empire Pool has a ten-metre platform and five-, three- and one-metre diving boards, as well as six 55-yard lanes. The new pool also has a large deep area for synchronized swimming and two water polo courts.

For recreational swimmers, there are areas for people wanting a workout by swimming lengths, and a pool slide. The pool is also designed to accommodate beginning swimmers: there is a warm, shallow corner for tots and in the pool proper, the depth tapers from four metres to 1.2 metres. An added plus for recreational and beginning swimmers is a thermogradient which provides for warmer water at the shallow end, becoming progressively cooler towards the deep end where more active pursuits take place.

During the first month of the centre's operation, a sampling of some of the numerous activities included: UBC student lessons from the so-called "scared-stiff" beginners level to advanced; Red Cross lessons for levels up to senior; a fun-oriented introduction to the water for toddlers; keep-fit sessions for women; sessions for handicapped people and for old people; synchronized swimming; diving lessons; Royal Lifesaving Society lessons; midnight swims; parents and tots, and sessions for general recreational swiming. Students can swim free during specified hours .

In addition to the pool, there is a heated whirlpool, saunas and steambaths for men and women, and a fitness and exercise area. The centre also has a large classroom area, a conference room, teaching and administration offices and dressing rooms which serve both the new pool and the adjacent Empire Pool. Carpet-covered bleachers on the upper level can accommodate up to 250 people and portable bleachers can provide seating for 200 more. The centre is fully equipped for handicapped people with such features as ramps and an elevator which can accommodate two wheelchairs.

In the Buchanan Fitness and Research Centre, the exercise apparatus and testing equipment serves a dual purpose. In addition to research centring on exercise physiology and sports medicine, the area provides facilities for physical fitness testing and exercise programs for members of the University community and the public.

Graduate students in physical education administer a sophisticated battery of tests to measure such things as cardio-respiratory stress, pulmonary function and muscular strength, flexibility and endurance. They also prescribe exercises based on the test results and suggest ways people can modify their lifestyles to improve their physical fitness.

Dr. Ted Rhodes, director of the fitness and research centre, says everyone is welcome to have an assessment. The program, including exercise prescription and counselling, costs $20 ($15 for students). Anyone interested can make an appointment by calling 228-4521.

The fitness and research centre, like the centre as a whole, encompasses educational, research, recreational and community service aspects. It is no accident that the Aquatic Centre fills all these needs: its planning and design, over a period of years, involved consultation with all its potential users: all faculties on campus, students and representatives of the community at large.

'E.D.' in his time played many parts

By Jim Banham
Information Officer, UBC

Footsteps, An Autobiography, by Earle Douglas MacPhee. Versatile Publishing Co. Ltd., Vancouver. $6.95.

"All the world's a stage....And one man in his time plays many parts...."

You'll probably be reminded of that Shakespeare soliloquy from *As You Like It* when you read *Footsteps,* the autobiography of Earle Douglas MacPhee, who was an omnipresent figure at the University of B.C. from 1950 to 1963 as dean of the Faculty of Commerce and Business Administration and dean of administrative and financial affairs.

That second title was really a fancy name for keeper of the University's purse strings. When "E.D.," as he was universally known, was in charge of UBC's budget, any proposal for spending money had to be "Macfeasible" to be considered.

Earle MacPhee was as famed for his energy as a UBC teacher and administrator as he was for his unvarying style of dress — dark suit, homburg, and wing collar and bow tie. Beneath the formality of dress, however, there was a friendly, open man who was blessed with a singular sense of humor and enjoyed the respect and affection of his colleagues and students.

Consider the many parts that Earle MacPhee has played in his time.

Born (July 19, 1894) and educated in the Maritimes, he was appointed principal of a New Brunswick high school at the age of 19.

He survived some of the worst trench warfare of the First World War as a private with the Nova Scotia Highlanders.

After post-war study at the University of Edinburgh, he joined the faculties of Acadia University (1920-21), the University of Alberta (1921-24) and the University of Toronto (1924-29), where he pioneered teaching and research in the application of psychology to mental health, education, law and industry.

As a business executive in Canada (1929-37) he was instrumental in expanding the operations of York Knitting Mills despite the Depression and was responsible for the organization of

E.D. MacPhee

Canada's first management consulting firm (now Woods Gordon and Co.).

As a businessman in England (1937-50) he was managing director of the world's largest glove company, supervised the construction and operation of factories that produced some of the best-known bombers of the Second World War, and reorganized a futureless company to create Alginate Industries Ltd., which extracts from certain seaweeds chemicals that are widely used in the food and textile industries.

During his 13 years at UBC, he not only supervised that most sensitive of campus nerves — finances — he also shepherded Commerce and Business Administration through the transition from a department to a school to a full faculty, fostered the development of graduate programs and a whole host of diploma and other courses that made the faculty a force in the business community, sent members of his faculty to Southeast Asia to aid the Universities of Singapore and Kuala Lumpur in establishing business education, and served as instructor and dean of the Banff School of Advanced Management from 1953 to 1965.

In 1957-58, he was the sole Royal Commissioner on the tree fruit industry of B.C., which resulted in an 810-page report that led to its reorganization. (The report is still referred to as "the Bible of the Okanagan fruit industry.")

You would expect that a man who had accomplished all that in a lifetime would have rested on his laurels when he finally retired in 1963. Not "E.D."

In retirement he continued his association with the Banff School of Advanced Management, undertook studies for the federal government on the manning of B.C. tugboats and for the Pharmaceutical Association of B.C. as chairman of its Pharmacy Planning Commission and wrote a history of the faculty he headed for a decade and a seven-volume history of the Scottish clan he takes enormous pride in belonging to.

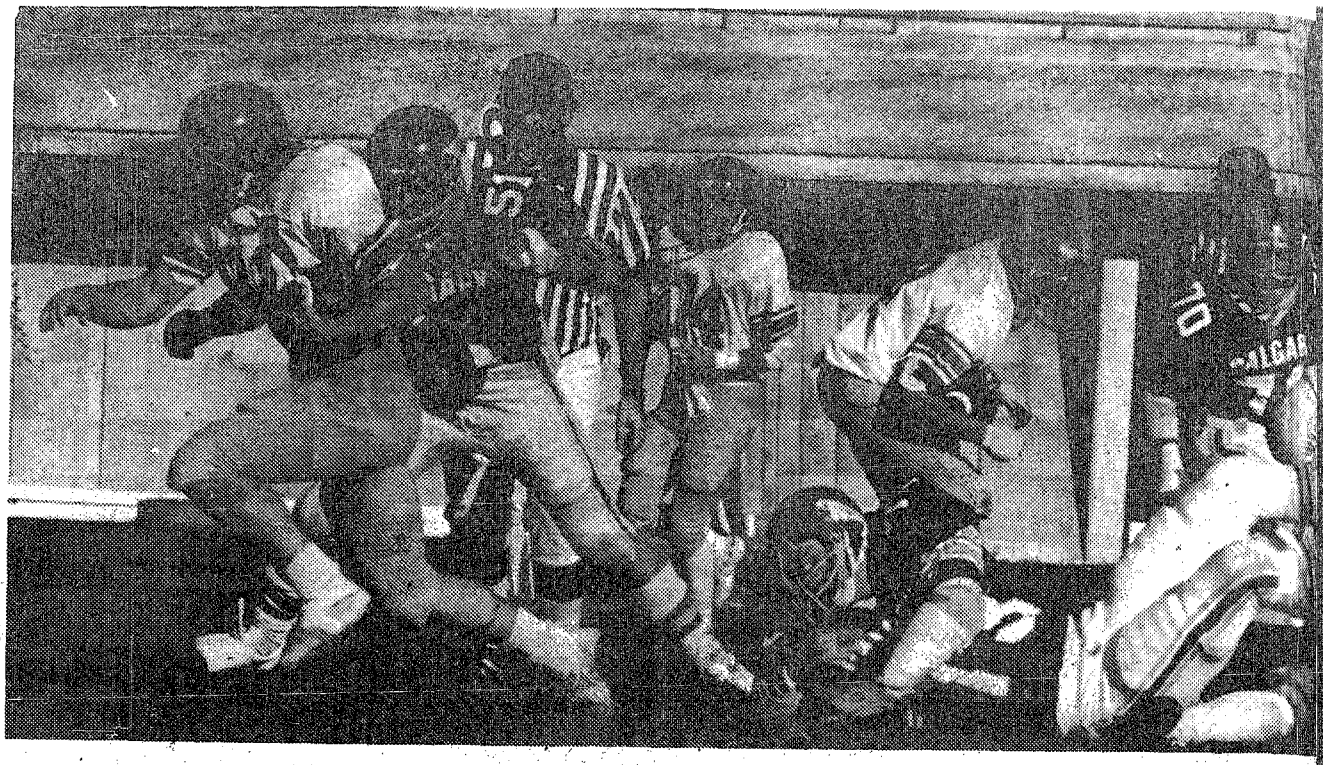
But enough. Time for a couple of stories that reflect E.D.'s ability as psychologist and his sense of humor.

When he was in charge of UBC's budget, E.D. was a prolific writer of memoranda seeking information on some item in a department's budget. He always ended these missives not with a demand for explanations but with the simple sentence, "Can you help me?" There is a master psychologist at work there.

One of the best stories about him concerns the morning he walked into a lecture to find every student dressed in a dark suit and a wing collar and bow tie. E.D. didn't bat an eyelash. When the bell rang at the end of the hour he marched to the door, turned on his heel, and said to the student wags: "Well, if I've taught you nothing else, at least I've taught you how to dress properly."

There is much in *Footsteps* that would not pass muster with an academic who has a concern with such things as continuity of narrative, punctuation and the finer points of bibliography.

No matter. This is an intensely personal story by a man who takes real pride in the fact that his life is rooted in that oft-maligned phrase "the Protestant Ethic," whose rectitude and dedication have rightly earned him the title "the conscience of Canadian business." In many ways, this is a quintessential Canadian autobiography by an archetypical Scottish Canadian.



Picture by Jim Banham

Speedy UBC halfback John MacKay breaks loose for a big gainer against Calgary

'Birds go to national final

What started out as a rebuilding year for the 1978 football Thunderbirds turned out to be the most successful season in UBC history.

In 1976, the 'Birds reached the Western Bowl (the Canadian semi-final) only to be bombed by the University of Western Ontario, 30-8. Last year, the 'Birds were sidetracked one game earlier, losing by a 13-12 score to the University of Calgary in the Western Intercollegiate League final.

And with the loss of 20 players, including 11 starters, for the 1978 season, football experts generally rated the Thunderbirds no higher than third in the WIFL. They were expected to battle it out with Saskatchewan for that position, while Alberta and Calgary vied for first place.

And half-way through the eight-game league schedule, it did indeed look like the two Alberta universities were the favorites, although the 'Birds by then had hammered Saskatchewan 41-9 and looked good for third place.

At that half-way point, UBC had beaten Manitoba and Saskatchewan at Thunderbird Stadium but had lost in Edmonton and Calgary.

Victories on the road against Manitoba and Saskatchewan and a big win at home against Calgary ran the UBC record to five wins and two defeats, and set the stage for a showdown match at Thunderbird Stadium against the University of Alberta in the final league game of the season.

Calgary had won the night before and could finish no worse than second place. For the 'Birds, it was defeat Alberta and finish first or lose to Alberta and finish third — and out of the playoffs.

It was no contest. The 'Bird defence held Alberta to two singles, and the UBC offence generated two touchdowns and a field goal enroute to a 19-2 victory.

In winning six out of eight, UBC averaged almost 33 points a game and allowed the opposition fewer than 13 per game.

Against Calgary, in the WIFL final at Thunderbird Stadium, it was close for half the game. The teams traded touchdowns and UBC was on top only 9-7 at the break.

In the third quarter, however, the 'Birds broke the game wide open with two touchdowns. They added a later field goal, while the defence held Calgary to one point for the half. Final score: UBC 26, Calgary 8.

The Western Bowl — with the winner going to the national final — was held Nov. 10 at Empire Stadium, a below-zero night in which the 'Birds went against the Wilfrid Laurier Golden Hawks from Waterloo, Ontario, upset winners over Western Ontario the week before.

Once again, it was the third quarter that made the difference.

After scoring the first touchdown, UBC miscues set up two majors by Laurier — one a fumble in the end zone and then a pass interference call that gave the Golden Hawks the ball on the UBC one-yard line.

It was 15-10, Laurier, at the half.

A Laurier fumble gave UBC possession on the Laurier 43 early in the third quarter, and it took UBC eight plays to get the go-ahead touchdown. Minutes later, another Laurier fumble gave 'Birds the ball on the Laurier 30, and UBC scored in seven plays.

That made it 24-15, and the teams traded singles in the final quarter as UBC came out on top 25-15.

The victory put UBC into the national final, against the Golden Gaels from Queens, for the first time in history.

It was a great 'rebuilding' year for football coach Frank Smith, who took the Thunderbirds from a 0-8 record in his first year, 1974, to four consecutive winning seasons climaxed by 1978's trip to the national final.

SPORT SHORTS: Competitive intercollegiate swimming has been revived at UBC as the result of the opening of the new $5.4 million Aquatic Centre and the appointment of Jack Kelso, former Canadian national swimmer, to the staff of the School of Physical Education and Recreation. Some 70 swimmers and divers have turned out for the 1978-79 team, which will compete against other universities in Western Canada and the U.S. UBC will host the Canada West championships in late February...The Bad News 'Birds — UBC's women's ice hockey team — won all their games at an invitational hockey tournament played in Japan under the sponsorship of a major department store chain.

The Wines of ITALY

The soil of this sun-drenched land yields more wine than any other country on earth. And none yields better.

Taste them. Taste the famous reds, some as rich and smooth as velvet on the tongue, others broad-shouldered and brash, tasting of laughter.

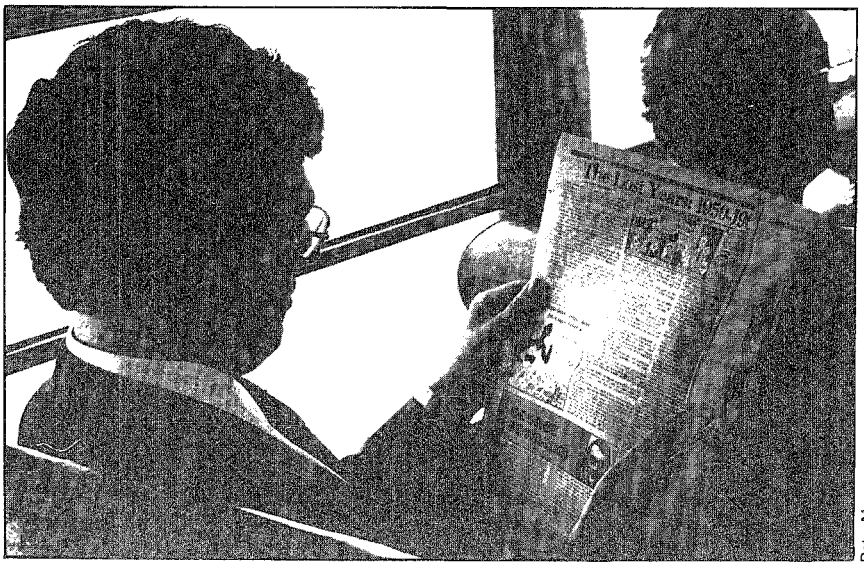
And the whites...aaah, the whites: clear, dry and delicate as autumn air or sweet as a remembered kiss.

Or try the rosés: a blush of colour, a subtle bouquet, a light mellow taste that will linger in the memory.

They each speak a different language.
But it is always Italian.

Quality and variety

News



Peter Menyasz

The campus welcomed 13 of the members of B.C.'s legislature in early October. The day was planned as a working day for the MLAs and after opening remarks from the chancellor, J.V. Clyne, the university president, Douglas Kenny, and alumni president Paul Hazell the group broke into discussion groups, led by faculty members on topics ranging from resource management to prevention of alcholism and aid to small business. After lunch with the students in the Place Vanier residence cafeteria there was a campus bus tour that included a visit to the new hospital under construction in the health sciences centre and ended at the faculty club where the MLAs met with the president, vice-presidents and deans for an open forum discussion. The day's events closed with a reception hosted by the alumni association at Cecil Green Park. Paul Hazell, assisted by David Edgar, a member of the government relations committee presented the MLAs with UBC library cards and study passes to the museum of anthropology. Scenes from the day: (top, right) Elwood Veitch, Social Credit member for Burnaby Willingdon and Eileen Dailly, (centre, right) New Democratic member for Burnaby North met with students at lunch.... (Bottom.) On the blue and gold UBC bus (ex-BC Hydro) Robert Skelly, NDP-Alberni, had a chance to read through the 60th anniversary edition of the Ubyssey. *Minister of Forests, Tom Waterland, is in the seat ahead.*

Super Season for Vancouver Institute

Internationally known political commentator **I.F. Stone** and biographer **Nigel Nicholson** are among the many distinguished guest lecturers scheduled for the spring session of the Vancouver Institute.

The speakers include (dates are indicated where known): **Alan Cairns,** head of political science at UBC, speaking on the crisis in Canadian federalism; One of the leading authorities on George Bernard Shaw, **Dan H. Laurence** on the Shavian view of life; Dean of law at the University of London, Lord **Dennis Lloyd** presents his views on freedom of the press (Mar. 10); noted Toronto psychiatrist **Andrew Malcolm** discusses the use and abuse of psychiatrists in the courts (Feb. 10); **Nigel Nicholson** offers a personal portrait of Virginia Wolfe (Feb. 24); **Connor Cruise O'Brien** editor of the London *Observer* (Feb. 17): Outstanding concert pianist and UBC professor of music, **Robert Silverman; I.F. Stone** promises "a topic of current interest" (Feb. 24) and **Anne Treisman,** UBC psychology professor discusses the psychology of perception and thought.

The visits to the campus by Connor Cruise O'Brien, Andrew Malcolm and Lord Dennis Lloyd are part of the Cecil H. and Ida Green visiting professorship program. I.F. Stone is the 1979 *Vancouver Sun* lecturer. The name of the Dal Grauer Memorial lecturer was not available at press time.

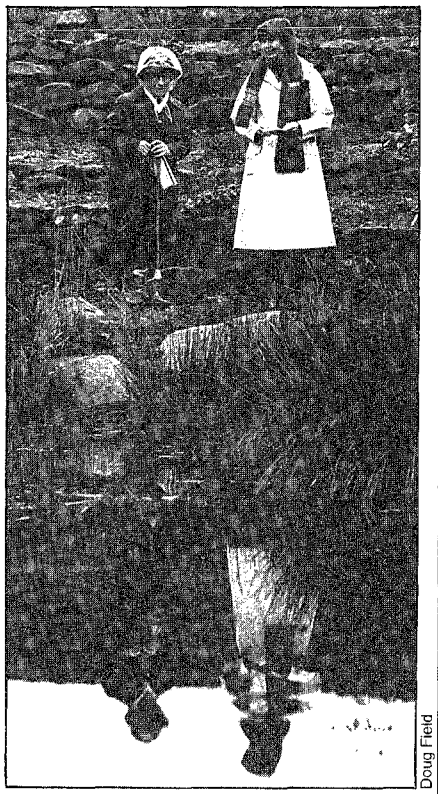
All lectures are free and begin at 8:15 p.m.

the campus Instructional Resources Centre, with the exception of the Robert Silverman lecture which will be held in the Old Auditorium (where there's a piano). Final arrangements for the series are still being made, but a brochure with the full details and a membership application, will be available in late December from the UBC Information Office, 2075 Wesbrook Place Vancouver V6T 1W5 (228-3131). Membership fees — $6, individual, $10, family and $2, student — are used to defray the costs of publicity and printing. Your participation is welcomed.

Reunions Roundup

For everything there is a season... this one's been for reunions.... Nearly 300 alumni and guests attended the **class reunions** in the UBC faculty club, October 28 for dinner and dancing following a day of campus tours and conversation.... Elsewhere on the campus... The first, of what they hope will be annual, **rugby alumni game**. September 9 at Thunderbird Stadium a frosh team took on the Over 40 side while the Over 30s scrummed down with the Braves. A recovery reception,dinner and dance followed at the grad centre.... The **basketball alumni** gathered November 3 for the "Old-timers" intersquad game, the "Young Grads" vs. the Thunderbirds and a buffet dinner at the faculty club.... **Alumni hockey** was at centre ice October 27-28 with the fourth annual alumni hockey weekend. Over 50 former Thunderbirds returned to play in either the Varsity or all-alumni games. Activities wound up with a dinner-dance at the student union building.

One of the university's women's fraternities,



Doug Field

A grey day did not stop the homecoming alumni from seeing the campus. A tour of the botanical garden attracted several in the morning, including Maude Allen, BSA'26, BA'33, in the native garden with guide Annette Lantzius (right) a member of the volunteer Friends of the Garden. In the afternoon a large group enjoyed a visit to the museum of anthropology and a guided tour of its treasures (above).

Thunderbird Play-by-play Winter 78/79

Ice Hockey

All home games start at 7:30 pm, Winter Sports Centre.

Jan.	5-6	Alberta at UBC
	12-13	Saskatchewan at UBC
	19-20	UBC at Alberta
	26-27	UBC at Saskatchewan
Feb.	2-3	Calgary at UBC
	9-10	UBC at Alberta
	16-18	UBC at Calgary
	23-24	Saskatchewan at UBC
March	9-11	CWUAA Playoffs (Home of #1)

Basketball

All home games start at 8:30 pm, War Memorial Gym.

Jan.	4-6	UBC at Calgary
	12-13	UBC at Lethbridge
	19-20	Victoria at UBC
	26-27	Calgary at UBC
Feb.	2-3	UBC at Alberta
	9-10	UBC at Saskatchewan
	16-17	Lethbridge at UBC
	23-24	Saskatchewan at UBC
March	1-3	CWUAA Playoffs (#2 at #1)
	8-10	CIAU Championships at Calgary

Wrestling

Home matches are held in either the War Memorial Gym or Osborne Centre. Check the athletics office for time and location of individual match. The following is a partial listing of wrestling events.

Jan.	4	UBC at Central Washington State
	5	UBC at Washington State
	20	Pacific Lutheran at UBC
	26-27	UBC at Calgary
Feb.	2-3	B.C. Open Championships at UBC
	9	UBC at Western Washington State
	16-17	CWUAA Championships (Saskatoon)
March	2-3	CIAU Championships (Guelph)
	9-10	CAWA Junior Championships
	16-17	CAWA Senior Championships

For tickets and further information on the above events or on any UBC athletic event, contact the athletics office, 228-2295 (women) or 228-2531 (men). (It is suggested that you inquire locally for location and time of "away" games.)

At home or away — a UBC team needs your cheers...

It was a full house at Camp Elphinstone for the student leadership conference. This year the planning was done by the students with the financial support supplied by the alumni association and the university administration. The discussions were wide-ranging and informal with alumni and faculty participating with the students.

An Alumni Dance you say...

Held coincidentally on
St. Patrick's Day
Saturday, March 17, 1979
In the Parlor Room of the
Vancouver Airport Hyatt
(3500 Cessna Blvd. Richmond)
8:30 pm to 1 am
During which time "City Haul"
will offer a multitude of modern
melodies for your dancing pleasure
(Irish polkas upon request).
The tickets, $9 per person,
include a midnight hot buffet,
and are available from the
alumni office, 6251 Cecil Green Park
Road, Vancouver V6T 1X8 (228-3313).
(Genuine leprechauns admitted free).
Dress is informal... So, gather a group,
come and enjoy.

Sure an'begorra
It'll be a fine affair.

Delta Gamma, celebrated 50 years on tl UBC campus with a faculty club banquet Oct ber 1 that welcomed 220 graduates and forn r stu dents back to the campus. Some came om a far away as eastern Canada and the stern United States. The roots of the DG chap er are in UBC's Fairview days and over the ars i has been closely associated with the d elop ment of services for blind students, pr iding funds and volunteer labor to help furn h, ar range and catalogue the UBC Crane l brar before it was part of the main library. Pegg (Margaret) Gourlay, BA '29, president of the group in 1928, when it took the name o Delta Gamma replied to the toast from the 50t pres ident, Jan Canning, Arts 4.... The Kappa **Kappa Gamma** fraternity is also plan ng to celebrate its 50th year on the UBC campus next spring.

Branches: Past, Present and Future

Rustlings among the branches: B.C. House in **London**, with Agent-general Lawrie Wallace, is again hosting a reception for UBC alumni and friends.... Please contact B.C. House for further details. UBC education faculty members Dennis Milburn and Douglas McWhannel will be special guests....Also of interest to alumni in Great Britain may be the Canadian Universities Society which has an active program of events, cultural, social and academic. Alumni branch contact Alice Hemming was host to members at a Canada Day garden party. For more information contact the society at 56 Aberdare Gardens, London NW6 (01-624-7945)....The Canadian Embassy in **Tokyo** was the site of a branches reception attended by 25 alumni and guests who met alumni board member and UBC forestry professor Oscar Sziklai. He was in Japan as a visiting scientist with the Japan Society for the Promotion of Science.....**California** alumni welcomed emeritus dean Blythe Eagles at a reception and dinner November 4 at the faculty centre, University of Southern California, Los Angeles.

Speakers Bureau: Have Talk, Will Travel

There's more than just talk to the *UBC Speakers Bureau* — now there's action. Or where there was a will there now is a way.

Which is a round-about way of saying that the speakers bureau, the association's highly successful program service now has funds available to subsidize the travel expenses for speakers addressing non-profit organizations outside the Lower Mainland. The funds have been provided by a small grant from the Leon and Thea Koerner Foundation and will be used to assist non-profit organizations who wish to hear a speaker from UBC but who would not otherwise be able to arrange the engagement.

The speakers bureau, now in its fourth year of operation has recently reprinted its 1977-79 catalogue listing over 1,000 topics. Copies of the brochure and the terms of reference for the

Doug Field

Champagne in a silver cup – poured by A.E. (Ab) Richard, BSA'23, quenched the thirst of the winners of the Arts '20 Relay – the engineers. Sixty-seven teams of eight runners entered the race that began near the UBC Fairview site and ended at the Cairn on the Main Mall. A participant in the first running of the relay in 1920, Hugh Keenleyside, BA'20, (at the microphone) fired the starter's gun for the race. The event was revived in 1969 and is part of the intramurals program. The rowers took second place followed by forestry. First among the women's teams was field hockey, followed by rehabilitation medicine and basketball "B." A fine turnout of alumni from the Fairview years were on hand to greet the winners at the finish line.

funding program may be had by contacting the alumni office.

Applications for financial assistance to bring a speaker to your community must be made in writing, at least six weeks prior to the chosen date, to the speakers bureau office, UBC Alumni Association, 6251 Cecil Green Park Road, Vancouver V6T 1X8 (228-3313).

Homer Thompson Digs Archaeology

The only UBC alumnus to be named a Freeman of the City of Athens, **Homer Thompson**, BA '25, MA '27, LLD '49, one of UBC's most distinguished graduates and professor of classical archaeology at the Princeton Institute of Advanced Study is this year's Norton Lecturer for the Archaeological Institute of America. He has already given several lectures in the series — on the Athenian agora (he directed the restoration of the stoa of Attalos), the philophers, Sokrates and St. Paul among them and Athenian vase painting, — in the United States and eastern Canada. Alumni in the following centres should inquire locally or contact the Norton Lecture, AIA, 53 Park Place, New York, NY 10007 for times and locations of future lectures: Apr. 18, Appleton, WI; Apr. 19, Milwaukee, WI; Apr. 22, Madison, WI; Apr. 23, Iowa City, IA; Apr. 25, Chicago, IL; Apr. 26, Rockford, IL; Washington, DC (TBA).

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University Singers On Tour

By popular demand a return engagem at for the University Singers. This award-w nning choir (most recently the $1,000 first pr ze for mixed voices in the CBC choral compe tion), will visit Victoria, Duncan, Nanaimo, Cour- tenay, Port Alberni and Parksville in th week of Jan. 15 to 20. Details of the concerts ill be announced locally. If you can help wi h the local arrangements — including bille ing a couple of students — who might sing fo their supper — please contact the alumni ffice, 6251 Cecil Green Park Road, Vancouve V6T 1X8 (228-3313).

Pointed arguments won the day – and the Arthur Fouks trophy – for the UBC debators against opposition from the University of Victoria, Royal Roads and Pearson College. The winning team (left to right) Brendan McGivern, Ann Hayward, Richard Clark, Brian Bolton and Susan Fisher (seated) met with Arthur Fouks (right) for presentation of the trophy and the honorariums he has offered to provide as long as the trophy is debated annually.

The debating society is trying to locate all former members of the club so that a comprehensive history may be compiled. Alumni debaters are urged to write: UBC Debating Society, Box 28, SUB, UBC, Vancouver V6T 1W5.

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Douglas Howie

A brass plaque (recently shined) near the door announced the office of the New South Wales University Press Pty. Inside in a brick-walled room is Douglas Howie, BA '59, general manager of the press and assistant registrar of the University of New South Wales.

It's been a long road for Howie. Growing up in South Africa, a job in a bank and the travel bug took him to London. "I had a pen friend — RR #1, Cloverdale, B.C. — and thought I'd go across to Canada." He took a post with the Bank of Montreal in London with the provision that they agree to send him to Canada. In about a year he was in Vancouver.

Banking soon lost its appeal when a summer reporter's job on the *Vancouver Sun* appeared. Five of the six hired were "uni" students (that's Australian for the place you go to get your education) and the other was Howie, who wasn't. That summer convinced him that he wanted to attend university. The financial problems of first year were coped with by a laboring job at Kitimat and an old insurance policy.

"I was 23 when I went to UBC. It had always been my ambition to be a great writer. The comment against my name in the annual was that I was going to write the great Canadian novel." Howie did creative writing with Earle Birney and "if nothing else he made me realize I couldn't write."

Among other memories are four years of dishwashing at Acadia Camp, grass hockey and *Raven*, a journal of student, and sometimes faculty, writing. With a "bloke," Michael Ames, met at the *Sun*, he founded *Raven* and Howie eventually succeeded Ames as editor.

After UBC, there was a stint with the National Film Board in Prince George, a trade magazine in Ontario in need of an editor,("I got fired there ")and the DEW line. On a Mexican holiday he met the woman, an Australian, who was to be his wife. "It was difficult to work on the DEW line if you were married so I went to the Ontario College of Education and then taught for a couple of years in Muskoka."

Australia beckoned the now-Canadian citizen Howie. While not expecting to settle there, they planned to stay awhile after spending all that air fare. "I've never been able to afford to leave the country," he says with a grin.

Teaching in Australia turned out not to have the appeal it did in Ontario and when the post of publications officer at the University of New South Wales was offered it was taken.

Doug Howie runs his press as a business: "We make our books pay for themselves." These are "quite a few decent textbooks, general books and even a not-quite coffee-table book." There is an advisory board but "they knew nothing about publishing and I knew nothing so I've had to ferret around and try to come up with the best of all worlds." The final decision to publish is his and also the final responsibility for the bottom line.

Of his other title: "They've got a registrar, an associate, two deputies and God alone knows how many assistant registrars. Sounds fantastic provided you don't put the plural on it." Along with the title goes the university publications section, the alumni association, the ceremonies office and a printing unit and attendance at all faculty meetings of applied science, representing the registrar.

On those office walls are two large attractive oil paintings, the work of his wife, a first year student at Sydney Uni. Three daughters in school, complete the family. But not to be left out of academic pursuits, the ongoing Doug Howie project is a master's degree at night, with a 20 - 30,000 word project as part of the requirements. He'd like to do an aural history and is presently searching for a suitable topic.

An historical note: "I used to read the paper at the back of Margaret Ormsby's class — and she used to make some devastating comments." Sounds like good training for the book business.

Doug Howie

Diane Barwick

Someone remarked that it was only in Australia that he was aware that there was a Canadian accent. Waiting for Diane MacEachern Barwick, BA '59, I couldn't see anyone coming but could hear a voice that wasn't Australian. It had a decidedly distinctive inflection.

The Barwick accent has weathered the 18 years she has been at the Australian National University in Canberra. She came to ANU as a doctoral student, stayed on, married a zoologist from New Zealand and lectured in prehistory and anthropology.

Her sun-filled office is lined with books, and drawings by her daughter, Laura. On the desk, a sign of spring, a sprig of yellow wattle and under the desk one of the largest space heaters I saw in Australia. She says that it's taken her a long time to learn to cope with the climate.

Interest in aboriginal studies has been experiencing a renaissance in Australia in recent years and the two courses she teaches in the field are among the most popular in the department. She is the founder-editor of a new journal on aboriginal studies, one of the first to deal exclusively with the subject. "The first issue took six months out of my life," she says.

A long-standing interest in museums perhaps stems from her work as one of the first students to help Audrey Hawthorn with the UBC collection that is now displayed in the Museum of Anthropology but then was burrowed away in the library basement. Her impression after visiting the new museum was that the artifacts were now being shown in a suitable environment "one of the same standard as the works."

(continued over)

She has taught at ANU every year except for a sabbatical in B.C. the year their daughter was born. "Which makes her a fourth generation Vancouverite." As they were married for 15 years before that event there have been some changes. Their daughter attends a parent-participation school, that is something of an innovation in the local school system. Every parent is part of the teaching roster, and for the Barwicks these assignments are fitted into their university day. Her husband may take along an example of a rat skeleton that the kids (aged three to eight) find fascinating, "but I'm much better at cuddling and storytelling," she says. Two other noticeable changes in their life — a lack of time to do things at the end of the day and the loads of laundry — "I can't figure out how one small child can produce that many dirty clothes."

The impression is that Diane Barwick, with roots in Vancouver, has transplanted herself and is thriving. The accent only, needing occasional refresher trips.

James and Betty Jordan

It must be one of the great urban spectacles, the Sydney harbor, its bridge and opera house on a clear night. That's the view from the home of James V. Jordan, BSA '39, and his wife, Betty Rae Wood Jordan, BA '43.

Some years ago they attended an alumni branch meeting to discover that they were the only "true Canadians" there. The rest, Australians, who had travelled to UBC for their education. And how long had they been in Australia? "Eighteen years, this trip."

Today the family interests are in precious jewelry and diamonds, somewhat distant from the soil science that James Jordan started his career in. After a PhD in soil science at the University of Oregon he went to the agricultural chemistry department at the University of Idaho. He was there for 10 years before moving to Australia.

Since then there have been times when the ivory towers of university research look inviting. When asked has he had any hobbies the answer was swift "Yes, work. I've never worked such long hours as I do now." Adding, "My education always seemed to give me a bit of knowledge in whatever field I attempted."

Betty Jordan, who was originally from Olympia, Washington, has fond memories of her years at UBC. "I thoroughly enjoyed it. I was president of the Alpha Phi group one year. We had our little table in the Caf." After university she was a secretary in the defense industries in Montreal. One of her great interests — after their son and his family — is croquet. Now this is the real thing, played at the Royal Sydney Croquet Club. It's quite complicated, rather like chess and billiards, she says.

They have a busy life, travelling the world for business and pleasure, enjoying it, returning to their home on Rushcutters Bay. Any favorite parts of the world? Not really he says "but I figure that Vancouver is a better harbor than Sydney, because of the mountains and forests." — *SJM*

20s

In a letter to the Alumni Association **Helen MacGill Hughes**, BA'25, (AM, PhD, Chicago), of Cambridge, Massachusetts informs us that she was named president-elect of the Eastern Sociological Society and vice-president-elect of the American Sociological Association. She also has the title of 'Scholar in Residence' by the Radcliffe Data Resource and Research Center, Harvard University. Her letter opens with sentiments that echo those of the *Chronicle:* "I enjoy the personal news in the *Chronicle* and feel grieved that there is, nowadays, so little information about the doings of the graduates of the 1920s. Naturally, that will thin out, but I know there are many of us still above ground and I am sending you this item, in the hope some of them will do likewise." The Spotlight section of the *Chronicle* is only as interesting as you are willing to make it. Drop us a note and let us know where you are, what you're doing, what you've been doing and any future plans you might have. The *Chronicle* and your fellow alumni look forward to hearing from you.

30s

Arthur Creelman, BA'31, is a member of the committee planning the reunion of all North Vancouver High School graduates — since 1911 — that will take place next May. The event will also mark the closing of the school. If you are a grad of North Van, there's an invitation for you to attend the festivities. Contact 210 East 23rd, North Vancouver or phone 984-0815....The Association of University Personnel Administrators of Western Canada has awarded an honorary life membership to **John F. McLean,** BA'31. Until his retirement last year he was director of administrative services at UBC....Honored for a long and distinguished 42 year career with the agriculture research branch at the Summerland Research station where he was first research scientist and then director, **Donald V. Fisher,** BSA'33, MSA'36, (PhD, Iowa), has been named an honorary life member at the 23rd annual meeting of the Canadian Society for Horticultural Science. Although his research endeavors have involved various aspects of horticulture, the emphasis has been with tree fruits. He was one of the pioneers in the study of fruit storage.

Two alumni have been appointed to the Universities Council of British Columbia. They are: Dr. **G. Neil Perry**, BA'33, LLD'66, and **John D. Hetherington,** BASc'45. Dr. Perry recently retired as a director of the faculty of public administration at the University of Victoria, was dean of commerce and business administration and also vice-president of UBC before joining the ministry of education. An economist, he held several postings with the federal government, the International Bank for Research and Reconstruction, and the International Monetary Fund. Jack Hetherington is president of a Vancouver wholesale lumber brokerage involved in both domestic and export trade branches throughout B.C. A member-at-large on the board of management of the alumni association, he has chaired the government relations committee.... Retired UBC professor of forestry **Robert W. Wellwood,** BSF'35, (PhD, Duke), recently visited Honduras on behalf of CESO (Canadian Executive Service Overseas). At the request of a major match manufacturer in that country, Wellwood was dispatched to help solve the problem of the diminishing supply of wood suitable for the production of match splints and boxes. The recommendations he submitted after 10 weeks of study were well received by the troubled company....**Douglas G. Chamberlain,** BA'37, BEd'47, and his wife, Dora, celebrated their 50th wedding anniversary August 25, 1978. Now residing in Calgary, he's had a very full career in the B.C. school system, teaching in Pacific, Salmo and Nelson and being principal in Rossland and district superintendent of Kamloops, Williams Lake, Victoria, Alberni, Hope and Princeton districts. He was also president of the B.C. Teachers Federation during the 1950-51 term.

Planning to continue his association with the energy resources field through consulting and special assignment work, **George Wheeler Govier,** BASc'39, (MA, Alberta; PhD, Michigan), has retired as chairman of Alberta's Energy Resources Conservation Board (ERCB). He had been with the ERCB and its forerunner, the Oil and Gas Conservation Board, since 1948. His 30 year service has included 16 years chairing the board and a two-year leave of absence (1975-77) to serve as chief deputy minister of the department of energy and natural resources for the Alberta government....Kick-off speaker at the Canadian Manufacturer's Association "Salute to Industry" week in Stratford, Ontario in September was **Roy Alex Phillips,** BASc'39. Phillips has been executive director of the CMA since 1975.

40s

Commissioned by the B.C. Teacher's Federation, *Behind the Looking Glass: Toward the Educating Society* (Evergreen Press, 1978), took **Charles D. Ovans,** BA'40, five years to write — since his retirement as BCTF general secretary in 1973 — but is the work of a lifetime as it expresses his views on education....San Jose State University professor **Margaret Jensen,** BSN'46, has been named California's 'Nurse of the Year' by the March of Dimes and the California Nurses Association. Recently promoted to full professor at SJSU, she has taught at that university since 1964 and has served as consultant to Alexian Brothers Hospital in San Jose....Head of nuclear engineering at the University of Washington, **Albert L. Babb,** BASc'48, (MS, PhD, Illinois), is the man responsible for the development of a machine that functions like a kidney dialysis machine and that is a significant breakthrough in the treatment of sickle cell anaemia. The disease, normally associated with black Americans, is also claiming sufferers in Iran, Israel and Nigeria.

The daring duo of **Stanley Burke,** BS[illegible]'48 and cartoonist Roy Peterson have combined forces for another in their series of satirical views of Canada. Confusion reigns in Notland until the Ghosts of Cabinets Past appear and offer Peter Waterhole help: Sir John A. Macbeaver; Sir Charles Tippler; William Lyon Mackenzie Sting and of course, Joey Smallgood, the only living father of Confederation. They all appear in the delightfully ir-

Margaret Jensen

reverent *Swamp Song* (Douglas & McIntyre, 1978)....Professor of creative writing at UBC, **Robert Grant Harlow,** BA'48, is the author of the newly published *Making Arrangements* (McClelland & Stewart, 1978). Harlow, who began writing in his early 20s while attending creative writing classes at UBC now has four books in print. To quote the author, his new book has "Everything — from comedy, pathos, obsession, whores, horseplayers to con men and classic humor."

Past president of the alumni association (1964), **David M. Brousson,** BASc'49, is now the director of continuing education and industry services with the British Columbia Institute of Technology. Founder of Century Sales & Controls Ltd., he has more recently served as a consultant with a particular interest in small business. Active in many professional associations, he was an MLA for almost six years....After four and a half years experience as operations manager for Techwest Enterprises, **Frank Surtleff Fraser,** BASc'49, has been appointed vice-president and general manager. He is also head of the division of engineering physics of B.C. Research — of which Techwest is a subsidiary company....On June 5, 1978 **Angus G. MacKinnon,** LLB'49, became Mr. Justice MacKinnon of the Supreme Court of British Columbia. His elevation to the bench followed 28 years of law practice.

50s

A founding faculty member of Simon Fraser University and former dean of education, **John F. Ellis,** BA'50, MA'61, (PhD, Berkeley), has been appointed principal and chief executive officer of the Open Learning Institute. Distance learning has long been an interest of his with some of his widely-published articles on open universities appearing as early as 1973 (one of them in the *Chronicle*)....The Association of Professional Engineers of B.C. recently announced the winners of numerous awards and among the recipients were several UBC grads. The community service awards, "for the substantial and continuing contribution made toward the well-being of the community in which the recipient lives" were given to **Bruce Tait,** BASc'50, vice-president and director of

John Ellis

Willis, Cunliffe, Tait & Co., Nanaimo; **George E. Plant,** BASc'50, director, office of organizational studies at MacMillan Bloedel and vice-president of the alumni association; and **C. McLean Stone,** BASc'51, owner of Island Precast Concrete, Parksville, B.C. For members who have made an outstanding contribution to the profession, the professional services award was given to **Samuel L. Lipson,** BASc'36, recently retired head of civil engineering at UBC and to **Jerry E. Vernon,** BASc'57, radio engineer with the B.C. Telephone Company. Receiving the editorial board award was **J.A. McEwen,** BASc'71, PhD'75, head of biomedical engineering at Vancouver General Hospital.

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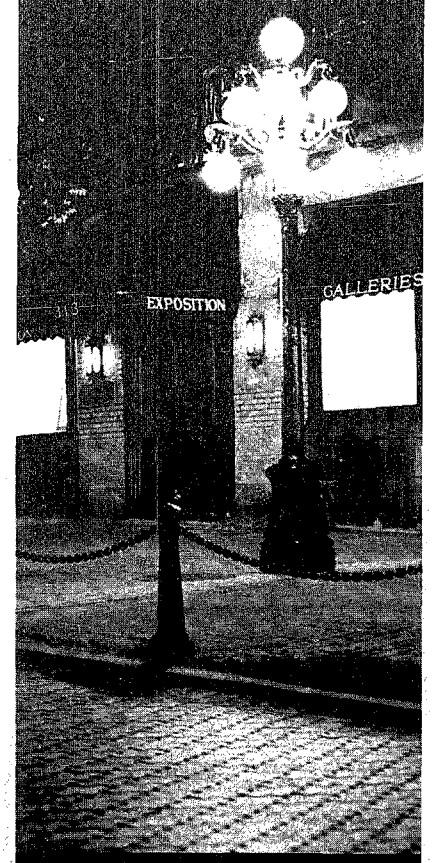

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past 24 years, **J.A.D. (Denny) McDonald,** BSF'51, is the new regional manager of the Cariboo region, headquartered at Williams Lake. He has been the assistant regional manager of the Kamloops region since 1976....The forest protection group of the Pacific Forest Research Centre in Saanich has a new program manager — **C. Douglas F. Miller,** MSA'51. A specialist in insect ecology and biosystematics, he was formerly a program manager with Agriculture Canada in Ottawa....Speculation about the existence of Atlantis continues with the publication of *Atlantis: Fact or Fiction?* (Indiana University Press, 1978), edited by **Edwin S. Ramage,** BA'51, MA'52. Ramage is professor of classical studies at Indiana University in Bloomington....The federal government's recent action to close the Petawawa forest experiment station has resulted in the formation of a committee headed by **Roy Whitney,** BSF'51. The committee's purpose is to express the concern of forest scientists over the decreasing research dollars.

Robert E. Chamberlain, BASc'53, has been elected a Fellow by the Instrument Society of America at its annual honors and awards ceremony. The citation was given "for innovative application of control to the recovery of cooking chemicals in kraft pulp manufacture." Chamberlain is manager of systems engineering at MacMillan Bloedel....Based in Calgary, **Robert H. Brady,** BCom'55, has been appointed to the new position of vice-president, marketing with Fording Coal Limited. He will be responsible for the marketing and sales functions....Hoping to increase society's share in the "battle on crime" is **George W. Reed,** LLB'58, who was appointed deputy commissioner of the RCMP's "E" Force — headquartered in Victoria — in August....Lt. Col. **Edward J. Gaines,** BASc'59, and his wife, **Margaret Steele Gaines,** BA'61, are now living in Mons, Belgium. They left their Ottawa home in July in order that he begin a three-year military posting at SHAPE headquarters.

With 17 years experience in British Columbia, **Johan Anton V.Z. de Jong,** BA'59, MA'63, has been appointed as city planner for St. John's, Newfoundland. From 1953-66 he was a planner for the municipality of North Vancouver. Until his recent appointment, de Jong was chief regional planner with the municipal affairs department of the city of St. John's....Former vice-president of the University of Victoria, **K. George Pedersen,** BA'59, (MA, Washington; PhD, Chicago), is the new president of Simon Fraser University. Pedersen, whose special interest is educational administration, was with the University of Victoria since 1972 and was appointed vice-president in 1975.

60s

In the swim of things once again, **Gail Ree Gladwell,** BEd'60, was off to the First World Senior Age Aquatic Championships in Toronto, where she won a bronze medal in the 200-yard breast stroke as well as a fourth and three fifths. She is also extremely proud of yet another award — an MSc in home economics — which she received from the University of Idaho last May...."You've got to have a fine edge of fear to give a good performance. A little bit of trepidation is good; if I lost it I'd know it was time to move on" — words of wisdom from **Helen A. Donnelly Hutchinson,** BA'60, new co-host of *W5*, CTV's flagship public affairs program. For the past five years she has hosted *Canada AM* and has been living "children's hours" for the early morning show, but now that she is in prime time, "it's a different ball game" — she can sleep in until 8 a.m....Dean of women at UBC since 1974, **Margaret E. Fulton,** MA'60, (BA, Manitoba; PhD, Toronto), is the new president of Mount Saint Vincent University in Halifax. Sharing a common view of women in society with the University, Dr. Fulton has put much of her energy into encouraging women to pursue their interests and to obtain non-traditional careers regardless of the obstacles.

Lloyd H. Morin, BA'61, (MA, Alberta; PhD, Oregon), has been named the new principal of Camosun College, Victoria. He joined the college at its inception in 1971, serving as acting director of liberal and applied arts during the first year, and most recently was director of instructional development and institutional research....Thompson, Manitoba is home for **Dale F. Stewart,** BSF'61, where he is assistant deputy minister for both the department of northern affairs and the department of renewable resources....**Sid L. Brail,** BPE'62, (MSW, Penn.), is the new executive director of the Toronto YM-YWHA. He has served as a social work field instructor at several universities and was appointed president of the Laval branch of the Montreal 'Y' in 1968. In 1970, he became assistant executive director of the metropolitan New Jersey YM-YWHA. He has been executive director of the Cleveland, Ohio Jewish Community Centre since 1976.

Writer-historian **John A. Munro,** BA'62,

Margaret Fulton

MA'65, is director of the John Diefenbaker Centre being built in Saskatoon on the University of Saskatchewan campus. The centre is scheduled to open in 1979 as a public museum of the former prime minister and as a working archives. It is also designed as a research facility and a site for lectures and seminars....Visiting associate professor in the department of geological sciences at UBC, **Douglas R. Piteau,** BSc'62, (PhD, Witwatersrand), is now vice-chair of the Canadian national committee on rock mechanics in Canada....**Tony P. Buzan,** BA'64, advocates mind expansion. His methods are based on three premises: a sincere belief in your self-worth and esteem; support from those around you and good teaching methods. He developed and introduced the system of increasing the potential of the mind, outlining it in his book *Use Your Head*, his popular BBC-TV series and in workshops around the world. His "Use Your Head" course is to begin in Toronto and Vancouver in 1979....New director of the community services division in Medicine Hat is **Allan T. Hagan,** BSW'64. Prior to his new position, he was manager of social services in Calgary.

Among four United Church of Canada missionaries on a three-year assignment to Japan is the husband and wife team of **Bernard D. Harder,** BA'64, MA'66, (PhD, North Carolina), and his wife, **Helga Kutz Harder,** MA'65, (PhD, North Carolina). Their job is to recognize and nurture the similarities between the native religion and Christianity. As Bernie points out, "It's a little different from believing the world is in total darkness and that missionaries come to shed the light."...**James Woodfield,** BA'65, PhD'71, is executive assistant to the president, University of New Brunswick. He is also on the editorial board of *Fiddlehead* and managing editor of *English Studies in Canada*....Karpov, Korchnoi and Fischer beware! **Duncan Suttles,** BSc'66, is "nationally and internationally regarded as the best chess player in Canada". At 32, Suttles is one of Canada's two international chess grandmasters....After six years with Shell Canada Resources in minerals exploration, **Melvyn Edward Best,** MSc'67, has been assigned as section head of mineral research with Shell exploration and production in Ryswyk, The Netherlands.

Five years ago, **Edward T. Mint,** BSc'67, MSc'70, LLB'73, co-owner with Paul Mercs of Isle of Man Productions — a hometown production company — considered himself lucky after a promotional venture at the Commodore netted them $200 profit. Last summer their success at promoting a rock concert — the "Big Operation" — at Empire Stadium, possibly netted them between $50,000 and $100,000. The duo is a neat combination of technical know-how and solid business sense with Mint fulfilling the latter category as he handles managers, officials and paper work that every rock operation runs up against....**Avro A. McMillan,** MA'68, (BA, Dalhousie; MA, Queen's), is a planner of cities and plots. He has been a city planner since 1964 in Saskatchewan and Atlantic Canada and now lives in Cornerbrook, Nfld., where he has been city planner since 1977. But there's a part of him that has always been a writer and it shows up in the plays that he has created for the stage. He has had one of his works produced and now is content to remain in Cornerbrook, working as a planner and "writing like hell, trying to get people to produce me."...Continuing in the world of city planners, **Graham Farstad,** BA'69, (BEd, Sask.; MA, Queen's), has been appointed deputy city planner for Prince George. He also chaired the McGregor Action Group which was instrumental in stopping B.C.'s plans for a diversion dam north-east of Prince George earlier this year....**Patrick F. O'Callaghan,** BA'69, has been appointed as managing partner in the Calgary office of the Caldwell Partners, an independent national executive recruiting firm....New store operations manager for Community Drug Marts is **Vera M.D. Piccini,** BA'69. Piccini is also working on an MBA at Simon Fraser.

70s

David L. Amor, BA'70, (MA, Stanford), is publications manager/editor for Knox College, Galesburg, Illinois. He joined the public information office of the college as writer-editor in August, 1977....Engaged in forestry engineering and logging camp management for the past eight years, **Douglas L. Cooper,** BSF'70, has been appointed general manager of OK Heli Logging, a subsidiary of Okanagan Helicopters....Formerly on the teaching staff of NITEP, **George Mann,** BEd'70, is now director of a new Indian museum at Cape Mudge, B.C. The museum is one of two that will be receiving the return of the "potlatch collection", seized by the federal government many years ago and now being returned to the Kwakiutl peoples. The other museum is at Alert Bay, and prominent in the organization of that museum is **Gloria Cranmer Webster,** BA'56.

"We are continually re-examining our structures," says **Conrad W. Hnatiuk,** MSW'71, (BA, Winnipeg; BEd, Manitoba), new director of the Saskatoon and region branch of the Saskatchewan department of social services. He has been working with social services for ten years, the past four in Saskatoon as director of child care and assistant director of the Saskatoon social services office. Hnatiuk foresees an influx of people into the province — bringing with them "a whole range of both resources and needs."...Already a veteran of two federal elections, **Gordon R. Ashworth,** BA'72, director of organization at Liberal headquarters since 1976, is now the new campaign director for that party. From 1974 to 1976 he was special assistant to Ray Perrault, government leader in the senate, handling the senator's political business in British Columbia.

Two UBC graduates are pulling themselves to fame. **M. Joy Ward Fera,** BRE'72 and **Bruce S. Ford,** BSc'76 are both members of Canada's national rowing team. Having joined the team in 1976, Mrs. Fera, former member-at-large on the alumni board of management, rowed with the eight at the Montreal Olympics. She has won a number of silver and bronze medals at meets throughout Europe and last summer she won a Canadian and Henley gold medal rowing in the Burnaby Lake eight. She is a recreational therapist at the George Derby Centre in New Westminster, B.C. Bruce Ford, a biologist from Victoria, is in his first year with the national rowing team. Rowing in the pairs, he won three Canadian championships in 1977 and two more this past summer. He also has a gold medal from the 1978 British Columbia championships....Formerly on the staff on the North Island Regional School Board in Laval, Quebec, **Marjorie MacDonald MacFarlane,** MEd'72, (BEd, McGill), is now director of instruction for the Penticton school district. She brings ten years of experience to her new venue, including terms as department head and vice-principal in a high school of 1700 students.

Patricia McFarland, BA'72, is Western advertising representative for the Reader's Digest Association. She joined the Digest sales staff in 1974 and will continue to make her headquarters in the Toronto office and to represent accounts in the greater Toronto area as well....**Lawrence F. Bracko,** BFA'73, has joined the industrial education staff of Maple Ridge Senior Secondary School. A teacher of plastics, Bracko spent five years in the plastics industry in Edmonton before obtaining his de-

Alumni Award Of Distinction

Honorary Life Membership

Each year the UBC Alumni Association makes two awards — the award of distinction, its highest honor, to a graduate who has made a distinguished contribution in his or her field of endeavor and the honorary life membership to recognize outstanding contributions to UBC and education. To nominate someone for either award, send the nominee's name, a brief biographical outline and your reasons for making the nomination to the Awards Committee, UBC Alumni Association, 6251 Cecil Green Park Rd., Vancouver V6T 1X8

by February 15, 1979.

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gree....Since graduating from UBC, **Edgar Goodair,** PhD'73, has been a member of the mathematics department at Memorial University....Assistant to the director of the Fine Arts Gallery at UBC, **J. Willard Holmes,** BA'73, is now the new curator of contemporary art at the Art Gallery of Greater Victoria. His experience includes the position of curator of exhibitions at the Vancouver Art Gallery and founder-director of the Pender Street Gallery — an experimental non-profit art gallery focusing on contemporary art from British Columbia. He has served as an art critic from the Vancouver *Province* and CBC-FM Vancouver.

Although his card may not read 'Have drill, will travel,' **Leslie C.K. Ho,** BSc'74, is a dentist on the go. Operating one of a pair of mobile dental units, Ho was temporarily located in Fort St. John where his services were used to alleviate the 400-strong waiting list for the local dentists....**Brent W. Sinclair,** BA'74, is pursuing a PhD in Classics at the University of Cincinnati since returning in June from Rome where he was a visiting scholar at the American Academy....Currently teaching classical guitar performance at Capilano College, North Vancouver, **Gregory Paul Bankes,** BMus'75, has given recitals in Vancouver and Seattle. He has also a number of radio and television credits to his name....Two UBC grads have been appointed regional 4-H specialists with the youth development branch of the B.C. ministry of agriculture. **Holly J. Hannigan,** BHE'75 and **M. Jeanne Groot,** BHE'78, will be coordinating 4-H activities while conducting leadership training programs in their respective districts — Hannigan in Vernon, and Groot in Prince George.

Choenna Lyncaster, BA'75, has been extremely busy at the Penticton Theatre Club. During the summer, she directed *Any Number Can Die*, a take-off on the murder mysteries of the '20s and '30s. Since joining the club a year ago, she has acted in a number of productions as well as directing, and has taught the acting course at Okanagan College, Penticton campus. She holds licentiate and associate performers certificates from Trinity College of London...."Pictures that people can walk up to and get something out of," is how **James E. McKenzie,** BFA'75, describes his art. A realist in style, McKenzie transfers some of the many colour slides he has shot into carefully brushed and airbrushed watercolors. The results are hauntingly true to life. Some of his works have been on display in the Student Union and Fine Art Galleries at UBC and at two group shows at the Burnaby Art Gallery.

George Coutlee, LLB'76, is a native Indian from Merritt who dropped out of school after grade eight. Today, after being admitted to the bar in January of this year, he is practising law in Kamloops. He worked days and took night and correspondence courses to complete high-school, and then worked nights while enrolled in college and UBC. He hopes to help Indians improve their economic situation and is campaigning for federal minority legislation that would allow more Indians to participate in any profession or trade....New dean of instruction at the Vancouver Vocational Institute is **Marvin E. Lamoreux,** EdD'76. He has an extensive background in marketing, business administration and adult education, and for the past four and one-half years has taught at the Vancouver Community College's Langara Campus, lecturing in marketing, financial management and real estate law....New jobs for **Maureen Mercer Richardson,** BA'73 and husband **Robert J. Richardson,** BPE'78 have taken the couple to Toronto where they have begun a term of service with Mennonite Central Committee working with youth guidance, a division of Youth for Christ....Refined food can contribute to iron deficiencies says **Janice M. Tanaka,** BHE'78 — but so can switching from iron cookware to aluminum and stainless steel. Tanaka made her observations while working at the South Central Health Unit in Kamloops last summer....Grand Forks, B.C. has a new adult residence, Broadacres, and **Mary Jean Wickstrom,** BSN'78, has been appointed as supervisor. She holds a residential child care certificate from Mount Royal College, Calgary and brings with her a varied background of experience including volunteer tutoring for the Vancouver-Richmond Association for the mentally retarded, development and supervision of a recreation program for the handicapped children of Nelson, B.C. and an independent study investigating the needs of families with handicapped children.

Births

Dr. and Mrs. P.T. Coleridge, (Florence Johnson, BSc'67), a daughter, Stephanie Annette, January 27, 1978 in Ottawa....**Dr. and Mrs. Edgar Goodair,** PhD'73, a son, John Mark, August 30, 1978, a brother for Timothy Edgar, October 30, 1975, both births in St. John's, Nfld....**Mr. and Mrs. Thomas Jones,** BSF'74, (Colleen Jervis, BSc'74), a daughter, Jennifer Lynne, May 10, 1978 in Mackenzie, B.C....**Mr. and Mrs. Walter Peachey,** (Terry Corriveau Peachey, BEd'75), a son, Brent Graham, March 22, 1978 in Vancouver....**Mr. and Mrs. John A. Petrak,** BSc'64, MSc'66, (Norma-Jeanne Rowell, 4th year Arts, UBC), a daughter, Lisa Marie, August 13, 1978 in Vancouver....**Mr. and Mrs. Michael Purves-Smith,** MMus'71, (Shannon Purves-Smith, BMus'71), a son, Michael Dante, May 22, 1978 in Kitchener, Ontario....**Mr. and Mrs. Victor A. Simpson,** BA'72, MA'74, LLB'77, a son, Andrew Franklin Albert, May 27, 1978 in Victoria....**Dr. and Mrs. Philip W. Suckling,** PhD'77, a daughter, Karla Leilani, May 30, 1978 in Brandon, Manitoba.

Deaths

Lemuel James Bayly, BASc'46, September, 1978 in Vancouver. Former assistant superintendent of building & grounds (1947-70), he joined the staff of the Housing Department in 1970 as special assistant to the director of residences, then in 1974, he rejoined physical plant as a planning analyst. He was a member of numerous organizations including the Association of Professional Engineers of B.C. and the Canadian Institute of International Affairs. Survived by his son (Steve Bayly, BA'77), three brothers (Cyril Bayly McKenzie, BASc'49), and four sisters.

William Griffiths Black, BA'22, (MA, PhD, Chicago), September, 1978 in Vancouver. With his family, Dr. Black came to Canada from England in 1903 and resided in Trail until he moved to Vancouver in 1919. After a BA at

UBC, he taught for three years in Vancouver, then took an MA at Chicago, returning to teach at Vancouver Normal School before becoming a professor of education at UBC. He served as officer in charge of vocational training for the Pacific Command of the Canadian Army during WWII. In 1964 he became director of a government subsidized vocational counselling service covering B.C. After retirement in 1968, he was active in numerous organizations including the Vancouver Folk Society, the Canadian Blind Society and parent-teacher organizations. He was a recipient of the Silver Jubilee medal, the Good Servant Medal issued by the Canadian Council of Christians and Jews, and the Garnet Sedgewick Award for work in the field of civil liberties. Survived by a brother (Albert E. Black, BA'27, BEd'35) and four sisters (Mary L. Black, BA'27; Dorothy L. Black, BA'52).

David Hamilton Brock, BA'30, September, 1978 in Vancouver. A well-known writer, broadcaster and television personality and contributor to the *Chronicle*, Brock was the son of Dean Reginald and Mildred Brock after whom Brock Hall was named. Survived by his wife, three brothers, two sons (John S. Brock, BSc'64; Timothy Brock, BA'69), and two daughters (Phoebe Brock, BA'64, MSW'72; Hilary M. Brock Gazetas, BA'66).

Jillian Audrey Dean, BEd'75, September, 1978 in Richmond. Born in London, England, she came to Vancouver in 1957. An elementary school teacher, she taught for the past 12 years in Richmond, specializing in music — recorder groups and choirs. Survived by her husband and two daughters.

R. Earle Foerster, BA'21, MA'22, (PhD, Toronto), September, 1978 in Nanaimo. Dr. Foerster was active throughout his life studying the habits of Pacific salmon. His book on salmon won the U.S. Wildlife Society's best fishery book of the year award. He served as researcher and director of several government biological stations. He was a member of the Kinsmen Club, Rotary Club, the Nanaimo Symphony Society and former member of the senate of UBC. Survived by his wife, (Gwen Kemp Foerster, BA'22).

Esther Maude McGill Harkness, BA'28, (LMus, McGill), July, 1978 in Vancouver. A member of the University Women's Club, she was a supervisor at Canada Manpower at the time of her retirement. Survived by her sister (Evelyn McGill McGauley, BA'32), a daughter and a son (D. Graeme Harkness, BSc'70).

Garrett S. Livingston, BA'24, March, 1978 in Colorado Springs. An avid hockey player at UBC, Mr. Livingston was a Rhodes scholar. Survived by a son, a daughter and a brother.

Lester W. McLennan, BA'22, (BSc, Oxon), August, 1978 in Fullerton, California. A Rhodes scholar, he was with Union Oil of California. The McLennans were the organizers of the northern California branch of the Alumni Association and were active in the southern California branch for many years. Survived by his wife (Cora Metz McLennan, BA'22), two brothers (Rev. Percy G. McLennan, BA'26) and three sisters (Edna C. McLennan Irish, BA'28).

Wilfred O. Williams, BASc'39, April, 1978 in Vancouver. He was on the engineering staff of the city of Vancouver for 25 years before he retired in 1977, and was active in many musical organizations in the city, playing and arranging trombone and piano. Survived by his wife and two sisters.

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UBC's Women's Resources Centre: drop-in counselling, referral and life-style planning, Ste. 1, 1144 Robson St. Vancouver, BC (685-3934).

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Condominium, 30 miles Honolulu. Golf, pool, beaches. Sleeps 4. (U.S.) $175/wk. Write: Sandground, 5420 Cantrell Rd., Richmond, B.C., Canada. (604) 271-6175 or 274-1946.

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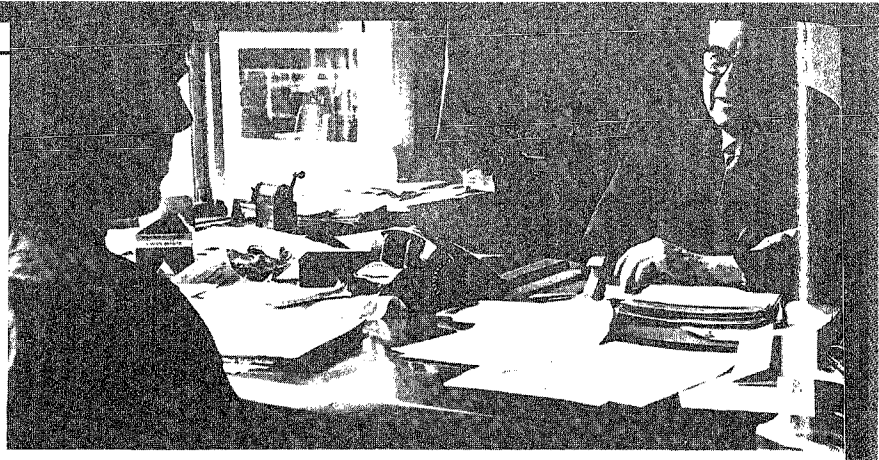
Remembering Walter Gage

When the tributes had been offered and the anthems sung the university was left with its memories of Walter Gage.

In many ways those memories reflect the change and growth that a university represents and the constant values it embodies.

The Chronicle *offers some warm remembrances of the Age of Gage to add to your own. We'd like to hear those as well.*



Walter Gage's peculiar gift to the ethos of this university lay in his demonstrating the possibility of a life of ceaseless enquiry and activity, utterly divorced from personal ambition or self-seeking; a keen critical sense devoid of all harshness of judgment; an awareness of individual and institutional faults and limitations which was never allowed to impair his buoyant cheerfulness of spirit.

We shall not look upon his like again. He was in all our minds, not as professor, dean or president, head of committees or chairman of senate, but simply as Walter Gage. Each of his friends was inclined to believe himself Walter's best friend. No member of staff could fail to appreciate his awareness of problems and openness to approach.

He will be grievously missed, for there is no one to take his place. In the Faculty Club, however thronged in the future it may be, we shall always sense an empty chair, a vacancy, a missing contact once filled or furnished by Walter, whose word of welcome and candid smile we have so long taken for granted and must now know only in memory.

– *From an appreciation of Walter Gage prepared at the request of the Faculty Association by professor emeritus Roy Daniells, BA'30, DLit'75*

Walter Gage, the teacher.

It was over 30 years ago — January 1945, the war still thundering on, Norman A.M. MacKenzie still a freshman president — that I got that examination paper back, the only 100 per cent I ever received at university. And I remember sitting in Brock Hall coffee shop in stunned bemusement, flipping through the pages, frankly gloating over the checkmark beside the answer to every question. And on the final page, the final checkmark so much heavier, more emphatic, than the others — looking at it you could see the marker's delight. Under it was written: "Good boy!"

It was initialled "WHG".

I was not interested in math. I took it only because I had to, and quit taking notes — when we began calculus, I believe — though naturally I didn't quit going, as soon as I was sure of a second class.

Yet I learned math.

I don't remember learning it. I do remember my fellows in that Arts 100 herd being twitted about exploits of their parents as students. I remember being regaled with tales of the sophisticated delights of beautiful downtown Horsefly, or Ladysmith, or Castlegar, while the expatriate of the place squirmed in hilarious discomfort: how can anyone make the phrase "Stainsby — from Ladner, I believe" so damned funny?

I recall games like guzinta — remember? Six guzinta 18 three times...I remember the nervous tick of chalky thumb flipping across grinning lips and being bemused that there was never a chalk-smudge on his face, though there so often was on his sports jacket.

What I do not remember is any agony in learning math.

– *Donald Stainsby, BA'53*

The image I will always retain of Walter Gage, that gentle man known for his gentleness, was one forgotten day decades ago when the engineering students at UBC went on a noon-hour rampage. Phases of the moon, probably, or whatever sets the primitive into flux. A great mob of them, several hundred strong, were running amok, smashing furniture, threatening to break heads and generally acting like young musk oxen in heat.

Dean Walter Gage, who spent most of his life smiling and always walked with that distinctive gait of the second male lead striding in from the wings in a London play, was apprised of the mini-riot and set that stride in motion (an academic Jack Benny) along the university mall to the engineering building as the apprentice baboons were about to move their destruction on to another building.

Never varying the smile, never raising that mellifluous voice, he quietly faced down the mob — a lone, tweedy, bay-windowed figure against mindless muscle. They retreated. He didn't. He wasn't the goody-two-shoes that his manner indicated.

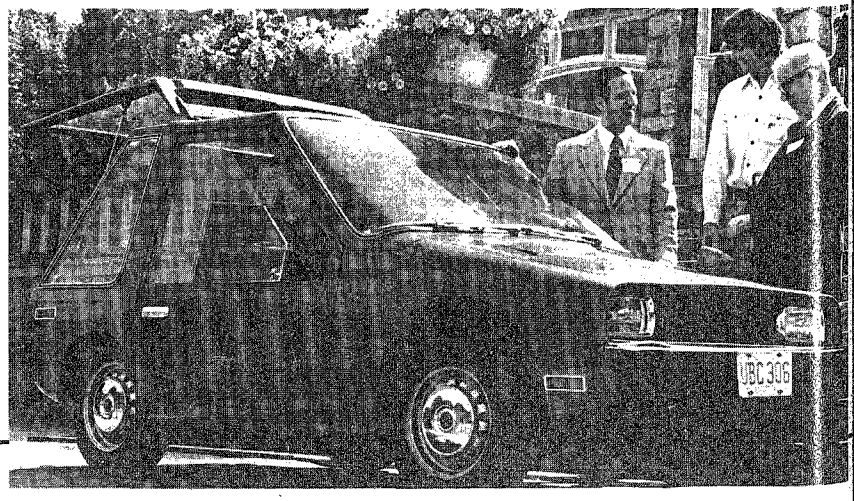
In those days, there was (there may still be for all I know) a provincial government bursary plan. If you kept your marks to a certain level and didn't have money for fees, shoe leather or Saturday nights at the Alma dancehall, Victoria would advance you money, 40 per cent as a gift and the other 60 per cent to be paid back within three years of graduation.

Dean Gage was the man in charge of the funds. Broke by Christmas? Ready to drop out? He was the man to see. He listened, smiled, patted the bedraggled soul on the shoulder — and approved the "loan."

Only problem was that often the government funds were exhausted. Victoria's "grant" came from the bank account of the smiling man who never married. He was married to a university instead. He invested in its students much of his own money and he invested in the university his life.

– *Allan Fotheringham, BA'54, writing in the* Vancouver Sun.

The Wally Wagon, 1972, with (left to right) George Morfitt, Dean McKay and Walter Gage.



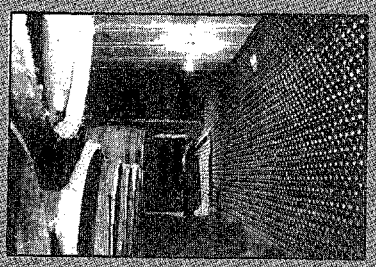
The Great Wines from Côtes du Rhône...

hearty, bold, vigorous, velvety

The historic walled city of Avignon, in the Rhône River Valley of France was headquarters of the Roman Catholic church in the 14th century. Pope John 22 lived there and after his new château or castle was built the village was named Châteauneuf-du-Pape. This name came to designate wine of the region, which is now recognized as one of the great red wines of the world.

The Côtes du Rhône produce mostly red wines that are big, robust, full-bodied and deeply coloured. However, it's a region 125 miles long, and variations in soil and climate give its wines different characteristics, and also favour the production of a few choice white wines.

As you might imagine, some Rhône wines are expensive because production is limited and demand is great. However, liquor outlets in British Columbia carry an assortment suitable for everyday purposes, or for that very special occasion. For instance —



Côtes du Rhône Grand Réserve (red)

A vigorous and harmonious wine of great warmth and fullness. Rich in bouquet, and a traditional favourite. Bottled by Paul Jaboulet Aîné.

Champdeville (red)

From the hot and sunny slopes of the Rhône valley comes this robust, full-bodied, dry wine. Suitable for all occasions.

Côtes du Luberon (red)

A light, round 'Beaujolais-like' red, typical of the South of France. Balanced and smooth, an outstanding wine for leisurely lunches and soirées. Connoisseurs in France serve it slightly chilled.

Châteauneuf-du-Pape (red)

Sought after the world over as the premier Rhône wine. A dry wine with character, delicate strength and full-bodied flavour and bouquet. From the cellars of Birkedal Hartmann & Co.

Saint Esprit (white)

Full gold in colour. A heady bouquet and depth of flavour. A very delicate wine in contrast to some of the reds from Côtes du Rhône. Bottled by Delas Frères.

WINES OF FRANCE

The most appreciated Christmas gift come in Chapman Gold Boxes!

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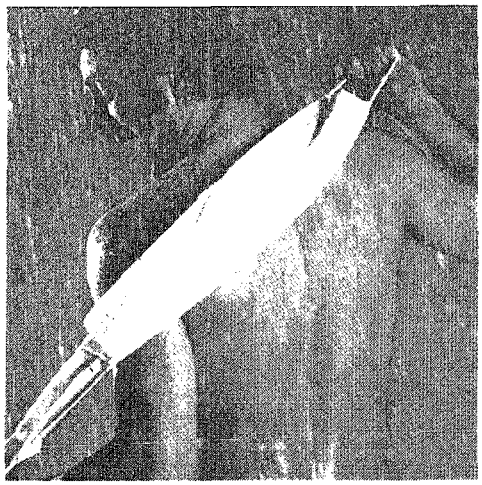
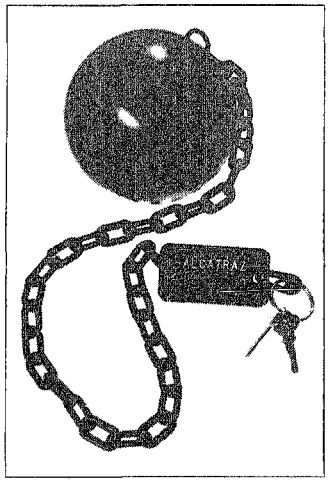
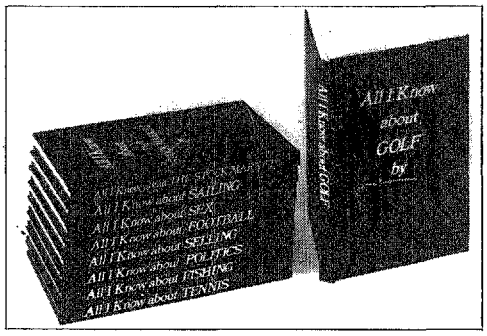


The Austrian backscrubber pampers and relaxes while it cleans. The generous size brush area of sisal bristles, massages and stimulates the circulation, reaching spots that back brushes can't. The sturdy hand grippers in a heavy canvas belt allow just the right amount of pressure on the brush. Ideal for use in bath & shower. 10.00 each.



Black plastic ball and chain with a ring for keys, bottle opener, shoe horn, scissors, or just about anything that a man or woman uses around the house. A fun gift for anyone on your list. 10.50 each.

Hand-knitted Icelandic sweaters of pure vir Lopi wool. The original Scandinavian patter are in natural wool shades and each sweate proudly autographed by the person who ha crafted it. The wool of Lopi sheep grows lo strong, resilient and resistant to dirt, wa and temperature change. Pullover, 89. Cardigan, 100.00. Matching toque, 25.00.



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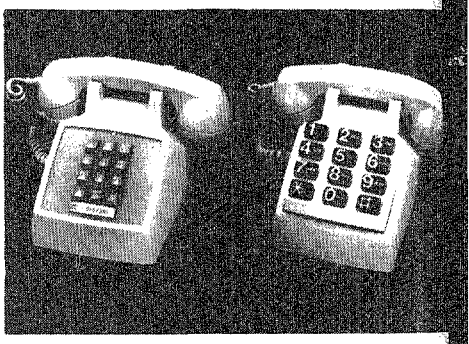

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